# CATALOGUE 2019

**MIDLAND**®

ANNIVERSARY
1959-2019

60 YEARS

# DUALMIKE

## THE SMART MICROPHONE THAT MODULATES FOR TWO

Dual Mike revolutionises the modulation rules, the first CB microphone to allow a dual connection: with the CB, via 4 PIN 48/68 connector (4 PIN, 6 PIN) and with the smartphone, via Bluetooth.

Combined with the CBTalk app, to talk whoever you want, where you want, without distance limits and with an excellent sound quality. Change channel, switch to Dual.

## THE FIRST DUAL PTT:

press at the top and transmit on the CB

## COMPATIBLE WITH EVERY CB

DUALMIKE is available in 3 versions so that it can be used with many CB models, even not Midland's.

\* Check the list of compatibility with competitors' CBs on the **midlandeurope.com** website

4 PIN 48/68

4 PIN

6 PIN

**DUALMIKE** can be recharged via the USB socket on the microphone or from the CB socket connected to the USB socket of the cable.

## CUSTOMIZE THE LIGHT RING OF YOUR DUALMIKE (5 COLOURS)

# CB MICROPHONE

Dual mike is compatible with all Midland and the majority of CBs available on the market: choose between the 4 Pin 48, 4 Pin and 6 Pin version.
Choose your favourite color for the Light Ring and start talking with your travel friends.

| ANALOG PTT | PREAMPLIFIED MICROPHONE | LIGHT RING FOR NOTIFICATIONS | LONG BATTERY LIFE | DUAL USB RECHARGE SOCKET |

## THE FIRST DUAL PTT:
Press the PTT at the bottom to talk on the App.

## DUALMIKE
It combines the analog and digital world thanks to the Bluetooth connection, turning into a multi-purpose instrument: speakerphone, loudspeaker and the first CB (connected to CBTalk) that can communicate without any distance limit.

DUALMIKE has a 3W Super Bass loudspeaker to listen to excellent quality music.

## DSP FILTER TO ANSWER YOUR PHONE HANDS-FREE
DSP technology eliminates up to 80% environmental noise.
Stop the noise from both windows and engine.

# BLUETOOTH MICROPHONE

The CB debuts online! Connect DUAL MIKE to your smartphone via Bluetooth,
answer your phone in hands-free mode or listen to your favourite music, thanks to the 3W Bluetooth speaker integrated in the DUALMIKE.

| DIGITAL PTT | 3W<br>EXTRA LOUD SPEAKER | DSP<br>FOR AN EXCELLENT VOICE IN TX | HANDS-FREE PHONE | LISTEN TO MUSIC |
|---|---|---|---|---|

CBTALK App allows you to add to the analogue channels another 80 digital channels up to 100 km away*.
Alternatively, select group mode, choose the one of your language and communicate with online users without distance limits.
You can see them in real time on the map and report speed cameras, traffic or accidents, thanks to the geolocalized voice emergency signal.

* Exclusive features for DUAL MIKE owners.

# CBTALK APP

The App that enhances your CB with all the functions listed above.
You will finally be able to start modulating* both analogically and digitally, with no more distance limits,
blocking all unwanted users. All in total safety while driving, through the DUALMIKE.

| ANDROID/IOS | NO DISTANCE LIMITS | MAP WITH USERS' POSITION | EMERGENCY ALERT | BLOCK UNWANTED USERS |

*For all TIM users, data traffic is free, all over Italy.

DOWNLOAD
THE APP
CBTALK

# INDEX

# CB & RADIO

**CB**
**WALKIE TALKIE**
**AMATEUR VHF/UHF**
**PROFESSIONAL VHF/UHF**
**MARINE VHF**

# MIDLAND®

# MIDLAND M-5
## THE CB "IN THE MIKE"

**BAND**

**EMERGENCY**

**DIGITAL SQUELCH**

**NOISE BLANKER**

**DUAL SPEAKER**

**USB PORT**

**2 PIN KENWOOD**

**EXTRA SMALL: 102x100x25mm**

**USB PORT**

The CB world finds a new style with the **Midland M-5**, the "CB in the mike" to have everything on hand all the time, thanks to the buttons placed directly on the microphone with an LCD display to see channels, bands and settings.
The compact size and its particular configuration allow the radio to be placed in the storage compartment or even in the boot (with accessory cable extension).
**A new way to enjoy the CB that allows you to drive with a minimal cabin.**

## FEATURES
- Band: Multi (see page 54)
- 40 AM/FM channels
- Output power: 4W AM/FM
- Die-cast metal body
- "Handy" controls on the mike
- Selectable multicolour backlight (7 colours)
- Manual squelch 28 levels
- Digital squelch at 5 levels
- RF gain
- Scan
- Indication S-meter RX-TX
- Sliding mounting bracket
- Lighter power supply
- USB socket for charging electrical devices
- 2 pin Kenwood socket (microphone)

## PACKAGING AND CODES
1 radio, microphone with UP/DOWN keys, fixing screws, mounting bracket, power cord with cigarette lighter socket
**code C1277**

**EXPORT VERSION:**
**10W AM/FM - 400CH**

**R74574**
2 mt. long microphone extension cord for M-5/M-30/CT3000

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# MIDLAND *M-MINI*
## THE MULTIMEDIA KIT

**EXTRA SMALL: 102x100x25mm**

MULTI BAND | EMERGENCY | DIGITAL SQUELCH | NOISE BLANKER

BLUETOOTH READY | 2 PIN

**WIRELESS COMMUNICATION**

**THE BLISTER VERSION**
## CB GO, READY IN JUST A FEW MINUTES.
A complete pack, containing: M-Mini, the Midland multimedia mini-transceiver, power cord with cigarette lighter plug and Midland LC29 high-performance antenna, fitted with a magnetic base.
Become a part of the CB community.

The first CB that opens the door to the Bluetooth connection (with WA CB adapter) giving the opportunity of combining the CB with a microphone or a wireless headset. Completely redesigned in both design and electronics **M-Mini** is so small that it can simply be placed inside the cabin, without complicated installations.
**For hands-free CB communication, in complete safety.**

**FEATURES**
- 40 AM/FM channels
- Selectable frequency bands: I, I2, D4, EU, EC, PL, UK, IN (see page 54)
- Output power: 4W AM/FM
- UP/DOWN keys on the microphone
- Channels scan
- LCD display with S/meter
- Double squelch mode (9 and 28 levels)
- Adjustable reception attenuator (RF gain)
- Emergency channel 9/19
- External loudspeaker socket
- Midland 2-pin socket for external mic/spk (bluetooth accessories compatible)

**PACKAGING AND CODES**
**Box M-Mini:**
1 radio, microphone with UP/DOWN keys, fixing screws, mounting bracket
**code C1262**

**Blister CB GO:**
CB M-Mini, power cord with cigarette lighter socket, LC29 antenna, magnetic base.
**code C1262.02**

**EXPORT VERSION:**
**9W AM/FM - 400CH**

*MOBILE & PORTABLE CB*

# DUAL *MIKE*
## THE FIRST DIGITAL PRE-AMPLIFIED MIKE

**NEW**

**ANALOGUE PTT DIGITAL PTT**

**BLUETOOTH 4.2**

**PRE-AMPLIFIED**

**3W** SUPER BASS LOUDSPEAKER

**HANDS-FREE PHONE**

**DSP** FOR A PERFECT VOICE IN TX

**LISTEN TO MUSIC**

**LIGHT RING FOR NOTIFICATIONS**

**LONG LASTING BATTERY**

**DOUBLE USB RECHARGE SOCKET**

**4 PIN "48/68"**

**4 PIN**

**6 PIN**

### THE CB MIKE BECOMES DUAL.
Replace your mike with DUAL MIKE and boost your CB.
DUAL MIKE contains in just one microphone:
· the **dual PTT** to use with the analogue CB and with the CBTalk App,
· a **hands-free facility** to answer calls without having to use your hands,
· a **superb speaker** to listen to music via Bluetooth.

See all the details inside the cover, page 1

### FEATURES
· Bluetooth 4.2
· Dual USB Micro Recharge socket
· 6 hours life with volume at 80% 15 hours life with CB use only
· 3W Audio Superbass
· Dual PTT
· Multifunction key
· Connecting cable to the traditional CB (available in 4Pin 48, 4Pin, 6Pin versions)
· Customisable Light Ring, with light indications
· Expansion of the CBTalk App functions

### PACKAGING AND CODES
Microphone, micro-USB recharge cable, microphone holder with adhesive support
**code C1283 DualMike 4 Pin 48**
**code C1283.01 DualMike 4 Pin**
**code C1283.02 DualMike 6 Pin**

### ACCESSORIES

**VM-DUAL**
**code C1407**
Air vent fixed support

**AM-DUAL**
**code C1408**
Dual Mike adhesive support kit

**KS-DUAL**
**code C1413**
Dual Mike adhesive support and air vent fixed support

**ST DUAL**
**code C1422**
Support with 12V power unit and 2 USB sockets

**AL-DUAL**
**code C1403**
Voltage reducer 12V-5V Alan 48 and Micro USB

# MIDLAND M–10
## THE FIRST MULTIMEDIA CB

**USE YOUR WIRELESS CB WITH WA ACCESSORIES**

**WA-CB C1276**
Bluetooth adapter (option)

BAND  EMERGENCY  DIGITAL SQUELCH  NOISE BLANKER

BLUETOOTH READY  USB PORT  2 PIN  4 PIN

**USB PORT**

**WIRELESS COMMUNICATION**

The first multimedia CB launched on the market in 2016, allows hands-free Bluetooth communication (with optional adapter). Full compatibility with traditional Midland accessories and a USB socket to charge any device.
Find below the features of the **Midland M-10, the first multimedia CB produced by the people who have made CB history, Midland.**

**FEATURES**
- Band: Multi (see page 54)
- LCD display, White Bright LightTM
- White Bright LightTM backlight
- AM/FM switch
- Automatic digital squelch
- Selectable audio: internal, from earphones, both
- ANL: automatic noise limiter
- Noise Blanker System
- Emergency channel 9-19
- USB socket for smartphone and tablet recharging
- 2 pin socket for accessories
- External loudspeaker socket
- 4 pin microphone connector

**PACKAGING AND CODES**
1 radio, microphone, fixing screws, mounting bracket, power cable with car power supply **code C1185**

**EXPORT VERSION:
10W AM/FM - 400CH**

**THE FIRST CB RADIO ALLOWING WIRELESS COMMUNICATION THANKS TO MIDLAND BLUETOOTH DONGLES**
See Radio Accessories Section, page 63

**WA-MIKE C1263**
The first Bluetooth microphone

**WA31 C1202**
Bluetooth microphone with air tube earpiece and PTT

**WA21 C1201**
Bluetooth headset microphone with PTT

**WA29 C1203**
Bluetooth headset microphone with neckband and PTT

# MIDLAND M-20
## THE ADVANCED MULTIMEDIA CB

**USE YOUR WIRELESS CB WITH WA ACCESSORIES**

**WA-CB C1276**
Bluetooth adapter (option)

| | | | |
|---|---|---|---|
| BAND | EMERGENCY | DIGITAL SQUELCH | NOISE BLANKER |
| BLUETOOTH READY | USB PORT | 2 PIN | 6 PIN |

**USB PORT**

**WIRELESS COMMUNICATION**

Even more functions than its predecessor M10. Large LCD screen, knob to **change channel** (also on the mike), **display indicator** of the operating band are the three features that make the **M-20** model a really efficient multimedia CB. Like all Midland multimedia CBs, with this product communication is possible in wireless mode, thanks to the **Bluetooth WA accessories**, connected to the 2-pin socket.

**FEATURES**
- Band: Multi (see page 54)
- Large LCD display, White Bright LightTM
- White Bright LightTM backlight
- AM/FM switch
- Automatic digital squelch, digital S-Meter
- Selectable audio: internal, from earphones, both
- ANL and Noise Blanker System that can be selected and disabled
- 9-19 emergency channel and selectable priority channel
- Microphone with Up/Down and priority channel

- USB socket for smartphone and tablet recharging
- 2 pin socket for accessories
- External loudspeaker socket
- External S-Meter socket
- 6 pin microphone connector

**PACKAGING AND CODES**
1 radio, microphone, fixing screws, mounting bracket, power cable
**code C1186**

**EXPORT VERSION:**
**10W AM/FM - 400CH**

# MIDLAND *M-30*

## THE TOP-OF-THE-RANGE M SERIES CB

**BAND** MULTI

**EMERGENCY**

**DIGITAL SQUELCH**

**NOISE BLANKER**

**ROSMETER S-METER**

**AUDIO EQUALIZER**

**DUAL WATCH**

**8 MEMORY CHANNELS**

**TOT**

**12/24V**

**RJ45**

If you are looking for a multi-function CB, this is the model for you.
Ready to give you the best of the M series, thanks to **6 programmable keys**, wide **multi-colour TFT display**, with **Dual Watch** function to monitor two channels at the same time.
Automatic switch-on, display of the channel number or channel number plus frequency, make it **the perfect tool for communication professionals**.

### FEATURES

· Band: AM/FM Multi (see page 54)
· 6 programmable keys
· Wide colour TFT display
· Supply 12V-24V
· Metal alloy radio body for better heat dissipation
· Display of the channel number or channel number + frequency.
· Automatic adjustable Digital Squelch on 9 levels
· S-Meter/SWR Meter
· RF attenuator
· Scan function
· Dual Watch
· Customizable Roger Beep
· 9/19 emergency channels and priority channel
· Noise Blanker
· Audio equalizer
· Protection against polarity inversion
· 8 customizable memory channels
· TOT (Time Out Timer)
· Adjustable backlight
· Automatic switch-on
· Keypad lock
· Microphone with RJ45 connector with keys
· UP/DOWN/Priority channel

### PACKAGING AND CODES

1 radio, microphone, mounting bracket, fixing screws
**code C1313**

**EXPORT VERSION:
AMATEUR BAND 26-28MHZ 400CH 8W (AM)/15W (FM)**

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**R74574**
2 mt. long microphone extension cord for M-5/M-30/CT3000

**PROGRAMMING SOFTWARE PRG-30 C1318**
Complete with USB connection for PC

# MIDLAND *M ZERO PLUS*
## THE 40-AM-FM-CHANNEL CB

| AM FM | 40 | + | ⚡ | ⦂⦂ |
|---|---|---|---|---|
| BAND | CHANNELS | EMERGENCY | POWER 12V | 4 PIN |

Evolution of the excellent Midland M-ZERO, the new PLUS version adds the **FM band**. **ABS body** for practical and light use and with **SMD technology** for the electronic structure. With its **40 AM/FM channels**, this CB is extremely easy to use. **M-ZERO PLUS is definitely the best compromise between quality and price of the M line.**

**FEATURES**
· Band: AM-FM (Poland-Italy)
· Channel display, black background with white texts
· UP/DOWN buttons
· Squelch
· Emergency memory channel: to immediately select the emergency channel (set by the user)
· RF Gain: sensitivity control in RX
· Quick Scan
· On/Off keypad beep
· 4-pin microphone connector

**PACKAGING AND CODES**
1 radio, microphone, mounting bracket, fixing screws
**code C1169.01**

**EXPORT VERSION: 120CH**

# ALAN *100 PLUS B*
## THE ENTRY LEVEL CB

| AM FM | 40 | + | ⚡ | ⦂⦂ |
|---|---|---|---|---|
| BAND | CHANNELS | EMERGENCY | POWER 12V | 4 PIN |

The CB that has accompanied car, caravan and truck drivers since 1998.
An excellent product to enter the CB world with everything that is required to communicate.
**An easy communication tool for everyone.**

**FEATURES**
· Band: AM-FM
· Emergency channel 9-19
· Display channels
· Up/down buttons
· Squelch
· Transmission and reception led
· External speaker socket
· 4-pin microphone connector

**PACKAGING AND CODES**
1 radio, microphone, mounting bracket, fixing screws
**code C442.09**

# ALAN *QUARANTOTTO*
## THE KING OF CB

**AM FM**
BAND

**40**
CHANNELS

NOISE BLANKER SYSTEM

S-METER

POWER 12V

4 PIN "48"

The CB that made the communication history, returns completely renewed, but still faithful to the DNA of the historical product.
Thanks to its fame, very easy use and its **complete range of functions**, it has been the Italian best-seller for over 30 years.
A travelling companion and an **irreplaceable work tool for those who are driving every day.**

## FEATURES

- Band: AM-FM
- Noise blanker System
- MIC Gain: Mic gain control for a always perfect modulation
- RF Gain: set the gain of the antenna preamplifier
- FIL: set the intonation of the incoming signal
- ANL: automatic noise cut down
- Squelch
- PA: activating this switch the CB becomes a low frequency amplifier (with additional speaker)
- White LED backlight, for every light condition
- 4-pin microphone connector

## PACKAGING AND CODES

1 radio, microphone, mounting bracket, fixing screws
**code C217.09**

# ALAN *SESSANTOTTO*

## THE MYTHICAL 34-CHANNEL CB

**AM FM**
BAND

**34**
CHANNELS

NOISE BLANKER SYSTEM

S-METER

POWER 12V

4 PIN "48"

The brother of the mythical Alan Quarantotto, that made communication history, returns completely renewed, but still faithful to the DNA of the historical product.
Since 1983 the **sales champion** in its category.

## FEATURES
· Band: AM-FM
· Noise blanker System
· MIC Gain: Mic gain control for a always perfect modulation
· RF Gain: set the gain of the antenna preamplifier
· FIL: set the intonation of the incoming signal
· ANL: automatic noise cut down
· Squelch
· PA: activating this switch the CB becomes a low frequency amplifier (with additional speaker)
· White LED backlight, for every light condition
· 4-pin microphone connector

## PACKAGING AND CODES
1 radio, microphone, mounting bracket, fixing screws
**code C025.09**

# ALAN *48 PLUS MULTI B*

## THE TOP-OF-THE-RANGE MULTIBAND

**BAND** — MULTI
**SIGNAL**
**EMERGENCY**
**MEMORY**

**DUAL WATCH**
**POWER 12V**
**6 PIN**
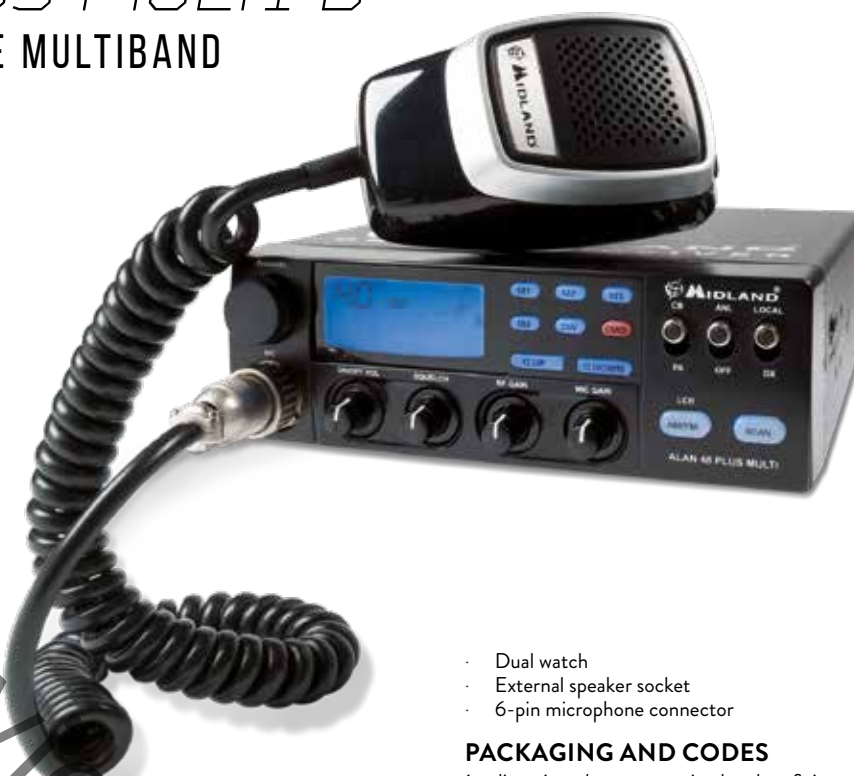
**The best-seller in Europe**
Its classical design and advanced technology make the **Alan 48 plus Multi B** a cornerstone in the CB world.

### FEATURES
· Band: Multi (see page 54)
· Power: 1W/4W depending on the country
· Blue back-lit multifunction display
· "Precision series" microphone with Up/Down/Lock buttons
· Squelch
· RF Gain: sensitivity control in RX

· MIC Gain: microphone amplification
· 4 memory positions
· Emergency channel
· SCAN function

· Dual watch
· External speaker socket
· 6-pin microphone connector

### PACKAGING AND CODES
1 radio, microphone, mounting bracket, fixing screws
**code C422.15**

**EXPORT VERSION: 400CH**

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# ALAN *78 PLUS MULTI B*

## THE COMPACT MULTIBAND

**BAND** — MULTI
**SIGNAL**
**EMERGENCY**

**POWER 12V**
**6 PIN**
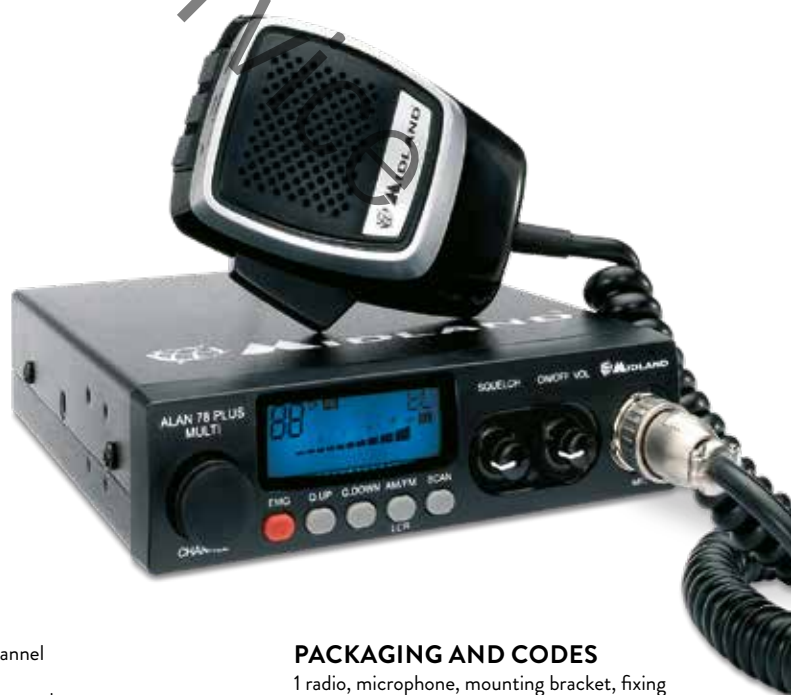
Its compact size and cutting-edge technology make it a **must in the CB world**.

### FEATURES
· Band: Multi (see page 54)
· Power: 1W/4W depending on the country
· Blue back-lit multifunction display
· "Precision series" microphone with Up/Down/Lock buttons

· Emergency channel
· Squelch
· External speaker socket
· SCAN function
· 6-pin microphone connector

### PACKAGING AND CODES
1 radio, microphone, mounting bracket, fixing screws
**code C423.15**

**EXPORT VERSION: 400CH**

# ALAN *42 DS*
## THE PORTABLE CB IS RENEWED WITH DS

*N° 1*
**WORLD
PORTABLE CB**

| | | | | |
|---|---|---|---|---|
| **MULTI** BAND | EMERGENCY | DIGITAL SQUELCH | ANL NOISE BLANKER | DUAL WATCH |
| SIGNAL | HI/LOW POWER | POWER 12V | AA BATTERY | 2 PIN |
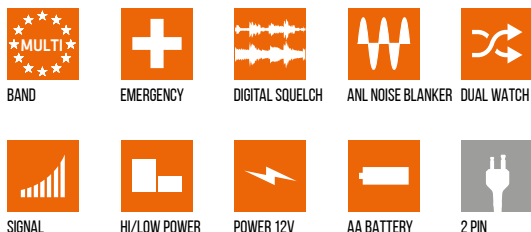
The portable CB transceiver "par excellence", **ALAN 42 DS**, with new electronic components to give a unique audio experience.
It is fitted with **digital squelch**, **ANL filters and Noise Blanker** that removes all annoying noises caused by sources outside the vehicle.
A multistandard transceiver that allows selecting **any European band and operate in all EU countries**.

## FEATURES
· Band: Multi (see page 54)
· Power: 1W/4W depending on the country
· Emergency channel (EMG)
· Keypad lock (LOCK)
· Battery status indicator
· High-lower power (H-L)
· Display back-lighting button
· AM-FM button selection
· SCAN function, Dualwatch
· Antenna socket: BNC
· Powered by 8 AA batteries or 12V
· 2-pin accessory socket

## PACKAGING AND CODES
1 radio, wall charger for 8 AA battery pack, empty battery pack for 6 AA Alkaline battery, empty battery pack for 8 AA rechargeable batteries with charging socket, adapter for car use with external SO 239 antenna socket, scratch resistant case, antenna, belt clip, wrist strap
**code C1267**

**EXPORT VERSION: 400CH**

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## OPTIONAL ACCESSORIES
Alan 42 DS is compatible with straight 2-pin accessories socket, see Radio Accessories Section page 55

**PB E42 - C602**
Empty battery pack to charge 8 AA battery (not included)

**R74593 (Alan 42 DS/Multi)**
**R17363 (only Alan 42 Multi)**
Car adapter with socket for external antenna SO2399

**R17365**
Wall adapter

**ANT 42 - C611**
Antenna

**CB FLEX B- C394**
Flex antenna 53 cm

# XT10
## 4 KM RANGE*

| | | | |
|---|---|---|---|
| **16** PMR446 | **38** CTCSS | VOX | SIDE TONE |
| SCAN | CALL | BATTERY LEVEL | BATTERY AAA (NOT INCLUDED) |
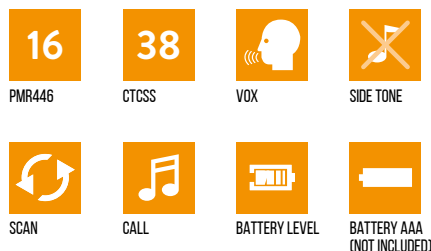
Light, very simple to use, coloured in order to avoid the usual "Hey, where did I put the walkie-talkie?", that's the **Midland XT10**. The entry level that combines technique, offering communications up to 4km, with simplicity and saving.

**Version:** PMR446
**Colour:** Black/Red
**Channels:** 8 + 8 preprogrammed
**Tones:** 38 CTCSS

### FEATURES
· Communications up to 4 Km*
· Side tone: end transmission tone muffler
· Keypad lock
· Auto power save: automatic battery saving
· Low battery indicator
· VOX, CALL, SCAN
· Power supply: 3 AAA batteries

### PACKAGING AND CODES
Blister with 2 radios, 2 belt clips
**code C1176**

# XT30
## 6 KM RANGE*

| | | | | |
|---|---|---|---|---|
| **16** PMR446 | **38** CTCSS | VOX | SCAN | SIDE TONE |
| CALL | BATTERY LEVEL | BATTERY AAA BATTERY LIFE 5H | USB CHARGE | 2 PIN |
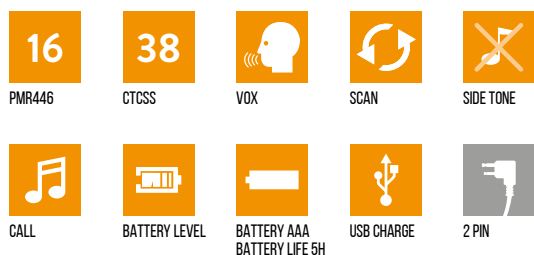
The **XT30** walkie-talkie concentrates in a light and easy to use tool everything you need to communicate up to 6 Km away. By means of a 5 hours battery life and a recharge via USB, this emerald-green jewel will make you run!

**Version:** PMR446
**Colour:** Black/Green
**Channels:** 8 + 8 preprogrammed
**Tones:** 38 CTCSS

### FEATURES
· Communications up to 6 Km*
· Rechargeable via USB
· Side tone: end transmission tone muffler
· Auto power save: automatic battery saving
· Low battery indicator
· Keypad lock, VOX, CALL, SCAN
· Power supply: 3 rechargeable AAA batteries (**up to 5 hours battery life**)
· 2-pin accessory jack/USB for charging

### PACKAGING AND CODES
Blister with 2 radios, 2 belt clips, 6 AAA rechargeable batteries, 2 way USB cable
**code C1177**

# XT*50*/XT*50 ADVENTURE*
## 8 KM RANGE*,WITH DESKTOP CHARGER

**24** PMR446

**38** CTCSS

VOX 3 LEVELS

SCAN

SIDE TONE

CALL

BATTERY LEVEL

BATTERY PACK
BATTERY LIFE 12H

USB CHARGE

2 PIN

24 channels, 38 tones, communications up to 8 Km and 12 hours autonomy are just some of the features that make this **Midland XT50** walkie-talkie a real jewel of free radio-communications. Available also in the practical Adventure version with premium case!

| | |
|---|---|
| **Version:** | PMR446 |
| **Colour:** | Blister Black/Gray |
| | Valibox Black/Yellow |
| **Channels:** | 8 + 16 preprogrammed |
| **Tones:** | 38 CTCSS |

## FEATURES
· Communications up to 8 Km*
· Rechargeable via USB
· Side tone: end transmission tone muffler
· Keypad lock
· Auto power save: automatic battery saving
· Low battery indicator
· VOX with 3 levels of sensitivity
· CALL
· SCAN
· Power supply: Rechargeable battery pack (**up to 12 hours battery life**)
· 2-pin accessory jack/USB for charging

## PACKAGING AND CODES
**Blister:**
with 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable
**code C1178**

**Valibox:**
with 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable, 1 wall adapter, 2 earphones MA21L
**code C1178.01**

# XT 60

## 10 KM RANGE*, WITH VOLUME KNOB AND QUICK DESKTOP CHARGER

| | | | |
|---|---|---|---|
| **93** PMR446/LPD | **121** CTCSS+DCS | DISPLAY NIGHT | VOX 9 LEVELS |
| SCAN | SIDE TONE | CALL 5 TONES | BATTERY LEVEL |
| HIGH/LOW POWER | BATTERY PACK BATTERY LIFE 12H | USB CHARGE | 2 PIN |

**69 LICENCE FREE LPD CHANNELS**

When things get serious, when requirements increase, Midland responds and it does it with the **Midland XT60**, a dual band walkie-talkie that guarantees communications up to 10 km over 69 LPD and 24 PMR446 channels. Freedom and technology in just one tool.

**Version:** PMR446/LPD
**Colour:** Black/Light blue
**Channels:** 69 LPD + 24 PMR446
(8 + 16 preprogrammed)
**Tones:** 38 CTCSS + 83 DCS

## FEATURES

· Communications up to 10 Km*
· Advanced radio with volume knob
· Rechargeable via USB
· Night vision display
· Side tone: end transmission tone muffler
· Keypad lock
· Auto power save: automatic battery saving
· Low battery indicator
· VOX with 9 levels of sensitivity
· CALL with 5 selectable tones
· SCAN
· High/low power selection
· Fast charger (3 hours)
· Power supply: Rechargeable battery pack
(**up to 12 hours battery life**)
· 2-pin accessory jack/USB for charging

## PACKAGING AND CODES

Blister with 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable **code C1179**

*In optimal environmental and atmospheric conditions

*WALKIE TALKIE – LEASURE TIME*

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# XT 70 / XT 70 ADVENTURE
## 12 KM RANGE*, WITH EARPHONES, VOLUME KNOB AND QUICK DESKTOP CHARGER

**93** PMR446/LPD

**121** CTCSS+DCS

DISPLAY NIGHT

VOX 9 LEVELS

SCAN

SIDE TONE

5 TONES CALL

BATTERY LEVEL

OUT OF RANGE

BABY SITTER

HIGH/LOW POWER

BATTERY PACK BATTERY LIFE 18H

USB CHARGE

2 PIN

**69 LICENCE FREE LPD CHANNELS**

69 LPD and 24 PMR446 channels, 38 tones, communications up to 12 km and 18 hours autonomy. That's what the dual band **Midland XT70** walkie-talkie is, a perfect choice to communicate freely and safely. If you are also looking for an exceptional packaging, there's the Adventure version with premium case!

**Version:** PMR446/LPD
**Colour:** Blister Black/Dark gray
Valibox Black/Yellow
**Channels:** 69 LPD + 24 PMR446
(8 + 16 preprogrammed)
**Tones:** 38 CTCSS + 83 DCS

## FEATURES
· Communications up to 12 km*
· Premium Radio with Volume Knob
· Rechargeable via USB
· Side tone: end transmission tone muffler
· Wide display
· Out of range
· Baby-Sitting function
· Keypad lock
· Auto power save: automatic battery saving
· Low battery indicator
· VOX with 9 levels of sensitivity
· CALL with 5 selectable tones
· SCAN
· High/low power selection
· Fast charger (4 hours)
· Power supply: Rechargeable battery pack
(**up to 18 hours battery life**)
· 2-pin accessory jack/USB for charging

## PACKAGING AND CODES
**Blister:**
with 2 radios, 2 professional belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable, 2 earpiece microphones MA21-L
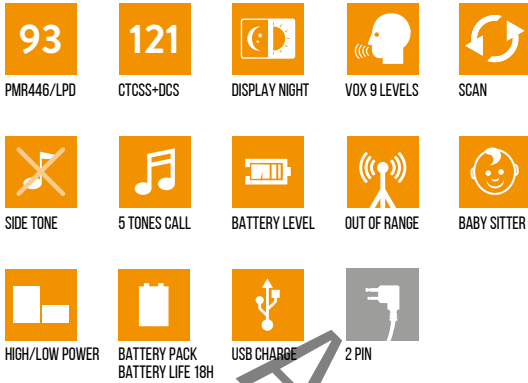**code C1180**

**Valibox:**
with 2 radios, 2 professional belt clips, 2 single desktop fast chargers, 2 rechargeable battery packs, 2 wall adapters, 2 USB cables, earpiece microphones MA21-L
**code C1180.01**

# MIDLAND *G5C*
## WALKIE-TALKIE FOR THE FAMILY

| | | |
|---|---|---|
| **08** PMR446 | **16** PREPROGR. CHANNELS | VOX+TALKBACK™ |
| BABY SITTER | SIDE TONE | CALL |
| BATTERY LEVEL | AAA BATTERY | 2 PIN |
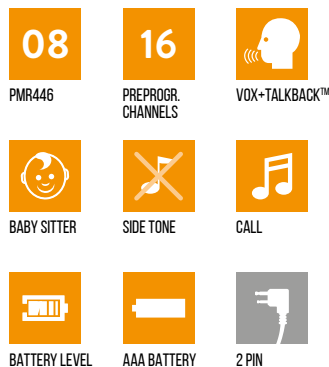
Valibox version
**G5C WORK&HOBBY - C1192.03**

Family, passion, work. Three essential elements that make a meaningful life.
To help you manage them better, we have created the **Midland G5C** walkie-talkie that combines modern and practical design with an extraordinary performance thanks to two practical versions: **Work&Hobby**, designed for work and leisure, and **Baby Monitoring**, enhanced with the BabySitter function.

**Version:** PMR446
**Colour:** Black
**Channels:** 8 + 16 preprogrammed
**Tones:** 38 CTCSS

## FEATURES
· Baby Sitting function with dedicated channels
· Out of range
· Side tone
· Keypad lock
· Auto power save: automatic battery saving
· Low battery indicator
· VOX + Vox Talk Back
· Monitor
· CALL with 3 selectable tones
· Roger beep: end call tone
· Power supply: 3 AAA batteries
· 2-pin accessory jack
· Compatible wall charger: MW904

## PACKAGING AND CODES
**Blister:**
with 2 radios, 2 wall chargers, 6 rechargeable Ni-MH AAA 800 mAh batteries, 2 belt clips
**code C1192**

**Valibox:**
with 2 radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 microphones with adjustable earphones and PTT, 2 travel power supplies 12V
**code C1192.03**

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# MIDLAND *G7 PRO*
## THE BEST-SELLER IN THE WHOLE WORLD

| | | | | |
|---|---|---|---|---|
| **08** PMR446 | **69** LPD | SPLASHPROOF IPX2 | CALL | VOX |
| SIDE TONE | **HI LOW** DUAL PTT | HIGH/LOW POWER | DUAL WATCH | VIBRACALL |
| TOT | BATTERY LEVEL | AA BATTERY | NI-MH OR LI-ION BATTERY PACK (OPT.) | 2 PIN |
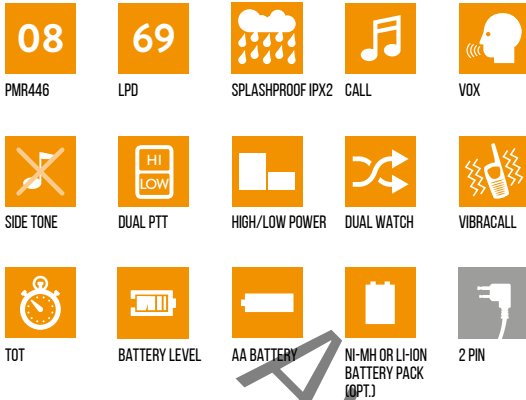
**69 LICENCE FREE LPD CHANNELS**

**Midland G7 PRO** is the radio for those who love outdoor activities. Hiking, airsoft, climbing, hunting are just a few examples of the perfect use of this walkie-talkie. A compact and elegant design that always accompanies you in your passions. Among the optional accessories you can choose the lithium battery pack to make it even lighter and more durable.

| | |
|---|---|
| **Versioni:** | Dual band PMR446/LPD PMR446 |
| **Colori:** | Gray/Black - Mimetic Mossy Oak |
| **Channels:** | PMR446 8 - LPD 69 |
| **Tones:** | 38 CTCSS + 104 DCS |

## FEATURES
· Dual watch: to monitor 2 different channels at the same time
· Double PTT hi/low power
· Vibracall
· Keypad lock
· Auto power save: automatic battery saving
· Low battery indicator
· 3 types of VOX (Vox standard - Vox Baby-Sitting - Vox Bike) adjustable to 2 levels, for hands-free communication
· CALL with 5 different melodies
· SCAN
· TOT (Time Out Timer)
· Roger beep end call switchable
· Power supply: battery pack Ni-Mh 800 mAh or Li-Ion 1200 mAh (optional), 4 AA batteries
· 2-pin accessory socket
· Compatible wall charger: MW 904

## PACKAGING AND CODES
**Box single pack:**
1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip
**code C1090.14 Dual band black version**
**code C1090.15 Dual band mimetic version**

**Box twin pack:**
2 radios, double desktop charger, wall adapter, 2800 mAH battery packs, belt clip
**code C1090.06 Dual band black version**
**code C1090.01 PMR446 only, version "E"**

**EXPORT VERSION 3W**

# MIDLAND *G9 PRO*
## HIGH-PERFORMANCE

| | | | | |
|---|---|---|---|---|
| **16** PMR446 | **69** LPD | **16** PREPROGR. CHANNELS | WATERPROOF IPX4 | SIDE TONE |
| EMERGENCY | DUAL PTT | CALL | DUAL WATCH | TOT |
| OUT OF RANGE | VOX TALK BACK | VIBRACALL | SCAN | |
| BATTERY LEVEL | AA BATTERY | NI-MH OR LI-ION BATTERY PACK (OPT.) | 2 PIN | |

**69 LICENCE FREE LPD CHANNELS**

Midland **G9** evolves and becomes **PRO**. The excellent radio used in any outdoor context. With a 30% larger display, audio improved by 30%, a more powerful antenna and a dual PTT that allows you to instantly select high and low power, your communication becomes easier and more fun. **G9 PRO** is the first to introduce the 8 new frequencies of the PMR 446 band, which are freely used all over Europe, for communications free of overlaps and congestion by other users.
Among the optional accessories you can choose the lithium battery pack to make it even lighter and more durable.

**Versions:** Dual band PMR446/LPD
**Colour:** Black/Mimetic Mossy Oak®
**Channels:** PMR446 16 +16 mem
LPD 69

## FEATURES
- **8 new PMR446 channels**
- **101 channels:**
  32 PMR446 (16+16 pre-programmed) + 69 LPD
- Extended frequency band:
  from 446.00625 to 446.19375MHz
- 38 CTCSS tones and 104 DCS codes
- High-performance loudspeaker
- Wide LCD display (**30% wider** than the previous version)
- Weatherproof IPX4
- Double PTT button for high/low power
- Emergency function
- Out of range function
- VOX with TalkBack™
- Side tone: end of transmission tone silencer
- Vibracall, Dual Watch
- Keypad lock, Scan, Monitor
- TOT (Time Out Timer)
- Low battery indicator and power save
- 12cm antenna to make the most of the full radio transmission power
- High-low power selection
- CALL button with 5 available tones
- Roger Beep: end of call tone (can be deactivated)
- Power supply: batteries or battery pack Ni-MH/Li-Ion (optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

## PACKAGING AND CODES
1 radio, desktop charger with wall adapter, 4 rechargeable AA batteries (1800 mAh), belt clip
**code C1385 Dual band black version**
**code C1385.01 Dual band mimetic version**

**EXPORT VERSION 5W**

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# MIDLAND G10
## SIMPLE AND STRONG

| | | | |
|---|---|---|---|
| **08** PMR446 | **08** PREPROGR. CHANNELS | SCAN | VOICE ANNOUNCEMENT |
| BATTERY PACK | PROGRAMMABLE | 2 PIN KENWOOD | |

**MULTI CA PB-G10 - C1218**
6 position multicharger (optional)

Clean and compact design, technical performance, perfect also for professional communications in low-complexity environments, this is the **Midland G10** walkie-talkie.
An entry level with great performance.
Thanks to an immediate signalling of the selected channel and the programming software, the **G10** will be the perfect partner for all your needs.

| | |
|---|---|
| **Version:** | PMR446 |
| **Colour:** | Black |
| **Channels:** | 8 + 8 pre-set sub-channels |
| **Tones:** | 51 CTCSS + 83 DCS normal/inverted |

## FEATURES
· Output power: 500mW
· Channel spacing: 12.5KHz
· Channel scanning
· Function button beeps
· Monitor
· Auto power save
· Power supply: 1200 mAh Li-Ion battery pack
· 2-pin Kenwood accessory socket

## PACKAGING AND CODES
1 radio, desktop charger, wall adapter, Li-Ion rechargeable battery pack (1200 mAh), belt clip **code C1107**

**EXPORT VERSION: 5W**

**PROGRAMMING SOFTWARE PRG 10 - C974.01**
Customisation of channels and frequencies.

# MIDLAND *G11V*
## INCOMPARABLE AUDIO

| | |
|---|---|
| **08** PMR446 | **08** PREPROGR. CHANNELS |
| VOX | SCAN |
| VOICE ANNOUNCEMENT | ROGER BEEP |
| BUSY CHANNEL | BATTERY PACK |
| TOT | PROGRAMMABLE |
| 2 PIN KENWOOD | |

A huge attention to the smallest details is the key to guarantee high performance and maximum robustness to the **Midland G11V** walkie-talkie, that is equipped also with a metal chassis that enhances its strength, the "voice announcement" function to signal the selected channel vocally and a clear and ringing audio, for high quality communications

| | |
|---|---|
| **Version:** | PMR446 |
| **Colour:** | Black |
| **Channels:** | 8 + 8 pre-set sub-channels |
| **Tones:** | 50 CTCSS + 105 DCS normal/inverted |

## FEATURES
· Aluminium chassis
· Output power: 500mW
· Channel spacing: 12.5KHz
· VOX function (hands-free transmission)
· Voice announcement
· Channel scanning
· Function button beeps
· Roger beep
· Monitor
· TOT (Time Out Timer)
· Busy channel lock
· Auto power save
· Power supply: 1600 mAh Li-Ion battery pack
· 2-pin Kenwood accessory socket

## PACKAGING AND CODES
1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
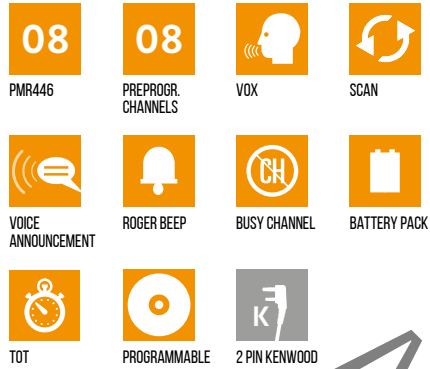**code C966.04**

**EXPORT VERSION: 5W**

## PROGRAMMING SOFTWARE PRG 10 - C974.01
Customisation of channels and frequencies.

# MIDLAND *G15*
## THE INDESTRUCTIBLE

**WATERPROOF**

| | | | | | |
|---|---|---|---|---|---|
| **08** PMR446 | **08** PREPROGR. CHANNELS | WATERPROOF IP67 | SCAN | VOICE ANNOUNCEMENT | VOX |
| ROGER BEEP | BATTERY PACK | PROGRAMMABLE | 2 PIN MOTOROLA | | |

**MULTI CA PB-G15 - C1251**
6 position multicharger (optional)

Extreme sports, airsoft, work environments with low complexity but a high risk of damage to walkie-talkies, here are the situations where the **Midland G15** gives its best.
In fact, its metal chassis not only guarantees high impact strength but also withstands dust and immersion in water (up to 1 meter depth for 30 minutes).

| | |
|---|---|
| **Version:** | PMR446 |
| **Colour:** | Black |
| **Channels:** | 8 + 8 pre-set sub-channels |
| **Tones:** | 50 CTCSS + 105 DCS normal/inverted |

## FEATURES
· Aluminium chassis
· IP67 certified
· Output power: ≤500mW ERP
· Channel spacing: 12.5KHz
· Channel scanning
· Voice announcement
· Roger Beep, Auto power save
· Monitor, Squelch, Vox
· Power supply: Li-Ion 1600 mAh battery pack
· 2-pin Motorola accessory socket

## PACKAGING AND CODES
1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
**code C1127**
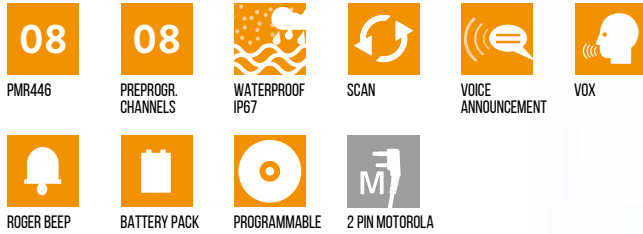
**EXPORT VERSION 5W**

**PROGRAMMING SOFTWARE PRG-G15 - C1131**
Customisation of channels and frequencies.

# MIDLAND *G18*
## TOP OF THE RANGE

**08** PMR446

**91** PREPROGR. CHANNELS

WATERPROOF IP67

SCAN

VOICE ANNOUNCEMENT

FM RADIO

SCRAMBLER

COMPANDER

VOX

ROGER BEEP

BATTERY PACK

PROGRAMMABLE

2 PIN MOTOROLA

### MULTI CA PB-G15 C1251
6 position multicharger (optional)

Sometimes in your radio communication you need an extra gear, and for this reason we have created the **G18** walkie-talkie which, in addition to the metal chassis, is IP67 certified to withstand dust and immersion in water (up to 1 meter depth for 30 minutes).
Add to this an LCD display an FM radio to guarantee superior performance to our top of the range.

| | |
|---|---|
| **Version:** | PMR446 |
| **Colour:** | Black |
| **Channels:** | 8+91 (G18) pre-set sub-channels |
| **Tones:** | 50 CTCSS + 105 DCS normal/inverted |

### FEATURES
· Aluminium chassis
· IP67 certified
· Output power: ≤500mW ERP
· Channel spacing: 12.5KHz
· Channel scanning
· Voice announcement
· FM radio
· Roger Beep, Auto power save
· Monitor, Squelch, Vox
· Scrambler and Compander
· Power supply: Li-Ion 1600 mAh battery pack
· 2-pin Motorola accessory socket

### PACKAGING AND CODES
1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
**code C1145**

### EXPORT VERSION 5W

### PROGRAMMING SOFTWARE PRG-G15 - C1131
Customisation of channels and frequencies.

# MIDLAND *GB1–R*
## THE PMR446 THAT LOOKS LIKE A CB

**NEW**

**08** PMR446

**91** PREPROGR. CHANNELS

SIDE TONE

TOT*

SCAN

FLIP DISPLAY

VERY SMALL: 100×85×22mm

**GB1-R** guarantees wide-ranging communications and radio contact with other users equipped with PMR446 equipment. Superb solution for those who **travel by car or caravan**, above all due to the fact that, operating on PMR446 frequencies, it is not affected by disturbances generated by the engine of your vehicle. **GB1-R**, thanks to its very small size, integrated magnetic antenna and the supplied 12V cigarette lighter plug, can be installed and removed quickly without having to be fixed in the special compartment of the dashboard. The metal chassis makes it very robust to ensure excellent performance over the years.

| | |
|---|---|
| **Version:** | PMR446 |
| **Colour:** | Black |
| **Channels:** | PMR446 8 + 91 progr. |
| **Tones:** | 50 CTCSS + 104 DCS |

### FEATURES
- Microprocessor-controlled frequency
- 'Flip' function: the transceiver can be fitted with the speaker aimed downwards or vice-versa, the display is inverted by pressing a button
- Adjustable squelch on 9 levels
- SCAN function
- LCD display
- Integrated magnetic antenna
- TOT (Time out timer)*
- Side tone: noise blanker at end of transmission
- Monitor function
- Busy channel (BCLO-Busy Channel Lockout)*
- Broad/narrow band selection 25KHz/12.5KHz (only export version)*
- High/low power (only export version)*

### PACKAGING AND CODES
1 radio, microphone, microphone holder, integrated wired magnetic antenna, mounting bracket, fixing screws, supply cable with 12V car charger
**code C1198.02**

### EXPORT VERSION 5W
* Software programmable only Extra UE countries

### PROGRAMMING SOFTWARE PRG-GB1 - C1227
Complete with USB cable to connect to a PC.

# MIDLAND *ONDA*
## FOR TOURIST GUIDES AND GROUP TOURS

| **100**<br>SRD CHANNELS | LOW BATTERY<br>INDICATOR | BATTERY PACK | SIDE TONE | 1 PIN |
|---|---|---|---|---|

**MULTIPLE CHARGER CASE C922**
Suitcase 15 positions (optional)



POCKET SIZE: 86x16x42mm

**Midland Onda** manages up to 100 groups simultaneously.
(Different regulatory requirements may apply depending on the country in which Onda is sold).

### FEATURES
· Channels: 100 - Frequency: 472-474MHz
· 8 volume level
· Reception only for users
· Continuous transmission guaranteed to guide only, thanks to the dedicated accessory (MA28-TR)
· Auto power save: automatic battery saving
· Low battery indicator, Backlit LCD display
· Battery life up to 8 hours with battery pack
· Weight: 58g (without batteries)
· Dimensions: 86x16x42mm
· Power supply: Li-Ion battery pack (650mA)
· Dimensions: 86x16x42mm
· 1-pin stereo accessory socket

### PACKAGING AND CODES
**Carton 50 receivers code C1069.01**
50 receivers, waist clips, battery packs Li-Ion 3.7V 650 mAh and neck collars
**Single pack code C1069**
1 receiver, battery, waist clips and neck collar
**Desktop charger 25pz code C921 (777 series)**
Carton 25 double desktop chargers with relevant wall adaptors
**Multiple charger case code C922**
Rigid black suitcase to recharge 30 receivers with wall adaptor cable

### OPTIONAL ACCESSORIES
**PB 777 C783**
3,7V-650mAh Li-Ion battery pack
**AL777 C803**
Cigarette lighter power lead
**R71968**
Battery charger 220V for 2 desktop chargers/radios
**R71969/R73579**
2 positions desktop charger (no wall charger)
**MW905 C887**
Wall charger
**A-777 TR C987**
Earphone listening only, mono (1 pc)
**A-777 TR C987.01**
Earphone listening only, mono (100pcs)
**S-777 TR C988.02**
Protection sponge (500 pcs)
**MA28-TR C559.05**
Speak/listen microphone (PTT blocked in TX)
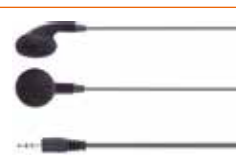**Rotating clip C1029**
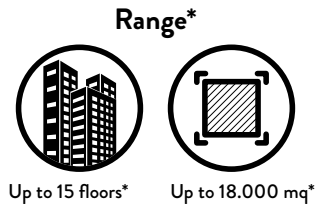To rotate the radio when it is attached to the belt

PB777

AL777

R71968

R71969

A-777 TR

MA28-TR

Rotating
clip

**EARPHONE FOR ONDA
C1209.01**
Earphone listening only,
mono, 2,5mm

*WALKIE TALKIE – TOURIST*

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# MIDLAND *BR01*
## FOR SMALL BUSINESSES

**Range***

Up to 15 floors*    Up to 18.000 mq*

* Depends on usage conditions

| | | | |
|---|---|---|---|
| BUSINESS | RESTAURANTS | HOSPITALITY | WAREHOUSING |
| **08** PMR446 | **08** PREPROGR. CHANNELS | VOICE ANNOUNCEMENT | BATTERY PACK BATTERY LIFE 37H |
| PROGRAMMABLE | 2 PIN KENWOOD | | |

Midland introduces the **BizTalk™** line, designed mainly for small businesses. Robustness, high mechanical and electronic reliability and and an easy use make BR radios the perfect choice for those who need to communicate at work. **Midland BR01** stands out for its extremely compact design and simple and clean lines that allow the radio to be used in a simple and immediate way.

**Version:**      PMR446
**Colour:**       Black
**Channels:**     8 + 8 pre-programmed
**Tones:**        50 CTCSS + 232 DCS

**FEATURES**
- Monitor function
- SCAN
- Squelch with 10 selectable levels
- Voice announcement
- **37 hours of battery life**
- Li-Ion 2800 mAh 3.7V battery
- Microphone/loudspeaker jack
- 2 pin Kenwood accessories socket

**PACKAGING AND CODES**
1 radio, USB cable, rechargeable Li-Ion battery pack (2800 mAh), belt clip, wrist strap
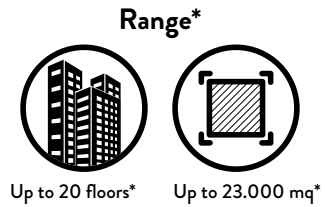**code C1315**

**EXPORT VERSION 2W**

**DISCOVER THE HI PERFORMANCE ACCESSORIES PAGE 55-56**

**PROGRAMMING SOFTWARE PRG-10 - C974.01**
Customizing channels and subtones, activation/deactivation of specific functionalities.

# MIDLAND *BR02*
## FOR ALL TYPES OF BUSINESS

Up to 20 floors*    Up to 23.000 mq*

* Depends on usage conditions

**BUSINESS**

**RESTAURANTS**

**HOSPITALITY**

**WAREHOUSING**

**08** PMR446

**08** PREPROGR. CHANNELS

**SCAN**

**VOICE ANNOUNCEMENT**

**BATTERY PACK BATTERY LIFE 24H**

**PROGRAMMABLE**

**2 PIN KENWOOD**
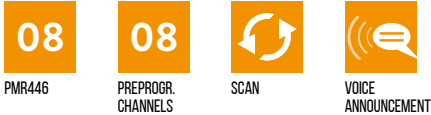
**MULTI CA PB-BR02 C1295**
6 position multicharger (optional)

The **Midland BR02** is designed for those who want something extra for their work. The aluminium chassis, guaranteed 5000 insertions headset jack and lithium battery **with 21 hours autonomy**, make it the ideal partner to communicate at work. It also has a 6-position multiple charger for simultaneous recharge, to have multiple radios always ready.

**Version:** PMR446
**Colour:** Black
**Channels:** 8 + 8 pre-programmed
**Tones:** 38 CTCSS + 104 DCS

## FEATURES

· Aluminium chassis
· Monitor function
· SCAN
· Squelch with 10 selectable levels
· Voice announcement
· Microphone/loudspeaker jack
· Low battery indication
· Li-Ion 1800 mAh 3.7V battery pack
· Programmable from PC
· 2 pin Kenwood accessories socket

## PACKAGING AND CODES

1 radio with belt clip, desktop charger, wall adapter, Li-Ion 1800 mAh battery pack **code C1292**

**WALKIE TALKIE – BUSINESS**

**DISCOVER THE HI PERFORMANCE ACCESSORIES PAGE 55-56**

**PROGRAMMING SOFTWARE PRG-10 - C974.01**
Customisation of channels and frequencies.

# MIDLAND *BR03*

## FOR FASHION BUSINESSES

*NEW*

**Range\***

Up to 22 floors*    Up to 25.000 mq*

\* Depends on usage conditions

RESTAURANTS    FASHION STORES    HOSPITALITY

**08** PMR446
**91** PREPROGR. CHANNELS
SPLASHPROOF IPX2
VOICE ANNOUNCEMENT
VOX

SCAN    BATTERY PACK    PROGRAMMABLE    2 PIN KENWOOD

**MULTI CA PB-BR03 C1353**
6+6 position multicharger (optional)

BR03 is the top-of-the-range in the **BizTalk™** line. The most "fashionable" Business Radio of the BR series, by means of its refined and elegant look & feel meets all the specific needs of the "Luxury" world. Fashion stores, hotels and high-end restaurants are the perfect environments where you can communicate while maintaining rigour and style.
The peculiarity of the **Midland BR03** is the customizable LED dynamic matrix display.

**Version:**   PMR446
**Colour:**    Black
**Channels:**  8 + 91 pre-programmed
**Tones:**     38 CTCSS + 104 DCS

## FEATURES
· Splashproof IPX2
· Output power: 500mW
· Voice announcement
· VOX adjustable to 10 levels
· SCAN
· Function key beep on/off
· Roger beep
· Auto Power Save
· Squelch adjustable to 10 levels
· LED dynamic matrix display with adjustable light intensity
· Battery level audio indicator
· **33 hours of battery life**
· Li-Ion 2300 mAh 3.7V battery pack

· Programmable from PC
· 2 pin Kenwood accessories socket

## PACKAGING AND CODES
1 radio with rotating belt clip, desktop charger, Li-Ion 2300 mAh 3.7V battery pack, wall adaptor with mini USB connector
**code C1323**

## CUSTOMIZE THE DISPLAY
LED dynamic matrix with the name of your company or yours.
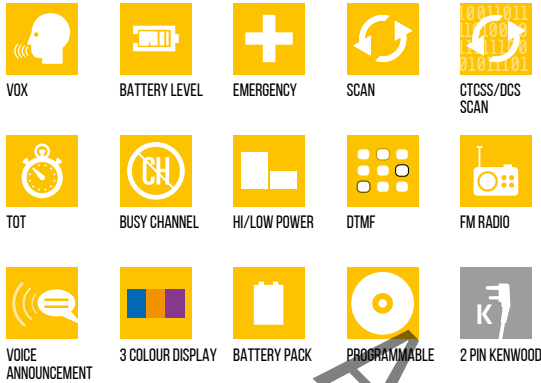
## PROGRAMMING SOFTWARE PRG-10 - C974.01
Customisation of channels and frequencies.

# MIDLAND *CT590 S*
## ENTRY LEVEL

| | | | | |
|---|---|---|---|---|
| VOX | BATTERY LEVEL | EMERGENCY | SCAN | CTCSS/DCS SCAN |
| TOT | BUSY CHANNEL | HI/LOW POWER | DTMF | FM RADIO |
| VOICE ANNOUNCEMENT | 3 COLOUR DISPLAY | BATTERY PACK | PROGRAMMABLE | 2 PIN KENWOOD |

**Version:** VHF/UHF
**Colour:** Black
**Frequency:** 144-146MHz
(Exp. 136-174MHz)
430-440MHz
(Exp. 400-480MHz)
**Output power:** 5W VHF/UHF

## FEATURES

· 50 tones CTCSS and 208 codes DCS
· 128 channels can be stored
· 1750Hz tone for repeater bridges
· Emergency SOS function
· Channel and dual band VHF/UHF displayed
· Operation mode:
UHF/VHF, UHF/UHF, VHF/VHF
· Output power: 5W UHF/VHF
· 3-colour LCD display with selectable
· backlight

· FM radio receiver (87.5-108MHz)
· Scan, Dual Watch
· Channel Spacing: 25KHz/12.5KHz
· VOX adjustable on 10 levels
· Channel or frequency mode selection
· TOT (Time Out Timer)
· DTMF Function
· Reverse function
· Emergency alarm function
· Setting up and storing channel names
· CTCSS and DCS code search function
· PTT-ID
· BCLO (Busy Channel Lockout function):
busy channel lock function
· High/low power selection
· Frequency step: 2.5/5/6.25/10/12.5/25KHz
· Adjustable frequency offsets:
0-69.990MHz
· Adjustable Offset Direction

· Squelch adjustable on 9 levels
· Voice announcement of the selected
function
· Keypad lock
· Power Save (battery economy)
· Programmable from PC
· Li-Ion 1500 mAh battery pack
· 2-pin Kenwood Accessory socket

## PACKAGING AND CODES
Radio, 1500 mAh 7.4V Li-Ion battery pack,
desktop fast charger, wall adapter, antenna,
belt clip
**code C1354**

---

## PROGRAMMING SOFTWARE PRG10 - C974.01
Complete with USB connection cable for PC.

*AMATEUR VHF/UHF*

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# MIDLAND CT 890
## INCOMPARABLE DISPLAY

**VERSION WITH**

*SCRAMBLER COMPANDER*

VOX | BATTERY LEVEL | EMERGENCY | FULL DUPLEX | REPEATER FUNCTION | SCAN

DTMF | TOT | SCRAMBLER | COMPANDER | BUSY CHANNEL

HI/LOW POWER | COLOUR DISPLAY | BATTERY PACK | PROGRAMMABLE | 2 PIN KENWOOD

| | |
|---|---|
| **Version:** | Dual Band VHF/UHF |
| **Colour:** | Black |
| **Frequency:** | 144-146MHz |
| | (Export 136-174MHz) |
| | 430-440MHz |
| | (Export 400-470MHz) |
| **Output power:** | 5W VHF/UHF |

### FEATURES
· 105+105 (I-N) codes DCS/50 CTCSS tones
· 999 channels to store
· Channel spacing: 25KHz/12.5KHz
· SOS emergency function
· Operating mode: UHF-UHF, VHF-VHF and VHF-UHF
· Full duplex, repeater function
· Channel and dual band VHF/UHF displayed

· FM 88÷108 MHz radio receiver
· Scrambler, Compander
· Chronometer
· Built-in torch
· Frequency step: 5/6.25/10/12.5/25 kHz, 50/100 kHz
· Roger Beep tone at start/end of conversation
· Frequency scan with CTCSS/DCS
· DTMF
· Shift repeater
· Vox and Scan functions
· Back-lit display
· Optional displaying of channel number, channel number + frequency or frequency only
· TOT (Time Out Timer)
· Busy channel lockout (BCLO) function

· Squelch adjustable to 9 levels
· Keypad lock
· Hi/Low power selection
· Frequency setting and keypad channels
· Voice announcement of the selected function
· Inverted frequency function
· Frequency offset: 0-69.950 MHz
· Function/channel reset
· 2-pin Kenwood accessory socket

### PACKAGING AND CODES
Radio, 2600 mAh Li-Ion battery pack, desktop charger, wall adapter, antenna, belt clip, wrist strap
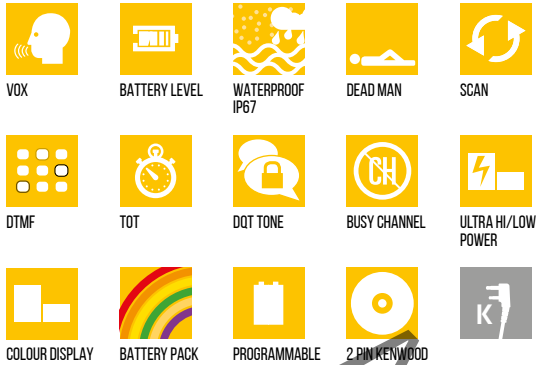**code C1170.01**

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**PROGRAMMING SOFTWARE PRG10 - C974.01**
Complete with USB connection cable for PC.

# MIDLAND CT 990

## POWER NEVER SEEN BEFORE

| | | | | |
|---|---|---|---|---|
| VOX | BATTERY LEVEL | WATERPROOF IP67 | DEAD MAN | SCAN |
| DTMF | TOT | DQT TONE | BUSY CHANNEL | ULTRA HI/LOW POWER |
| COLOUR DISPLAY | BATTERY PACK | PROGRAMMABLE | 2 PIN KENWOOD | |

## 10W ULTRA POWER TRANSMISSION

## SUPPLIED WITH 2 ANTENNAS
· **Long antenna:** enhances the radio performance in TX/RX
· **Short antenna:** allows better handling

**CT990** is fitted with the Dead Man function, useful when you are on your own or isolated. This function constantly monitors the status of the person wearing the radio: if a change in position of the radio from vertical to horizontal (due to illness or injury) is recorded **CT990** emits an alarm that is sent to all users tuned to its frequency.

| | |
|---|---|
| **Version:** | Dual Band VHF/UHF |
| **Colour:** | Black |
| **Frequency:** | 144-146MHz |
| | (Export 136-174MHz) |
| | 430-440MHz |
| | (Export 400-470MHz) |
| **Output power:** | 10W VHF/UHF |

## FEATURES
· 257 memory channels
· 83 + 83 DCS codes and 38 CTCSS tones
· Selectable channel spacing 25kHz/12.5 kHz
· Dual band VHF/UHF displayed
· Frequency band (settable according to country/area of use): 144-146 MHz & 430-440MHz (Rx/Tx).
· Operating mode: UHF/VHF, VHF/VHF or UHF/UHF
· Selectable channel step 25kHz/12.5 kHz
· IP67 certificate
· Dead Man function
· **DQT function (private conversation)**
· Wide colour LCD display
· Activation tones for repeater bridges
· Individual/group selective calls
· Side tone: end of transmission tone silencer
· VOX function
· Voice indication of the selected function "VOICE"
· Optional display of the channel number, channel number and frequency, channel name
· Inverted frequency function
· Scan function
· FM radio receiver
· Selectable transmission power: high (10W) or low (5W)
· Frequency offset
· Shift repeater
· "Busy channel lock" function
· Output power level indicator on the display
· Roger beep
· TOT (Time Out Timer)
· Keypad lock
· Reset of functions/channels
· Low battery voice announcement
· Li-Ion 2800mAh battery pack
· Accessory socket: 2 pin Kenwood

## PACKAGING AND CODES
Radio, **long and short antennas**, Li-Ion 2800mAh battery pack, belt clip, table charger, wrist strap, wall adapter.
**code C1339**

## PROGRAMMING SOFTWARE PRG10 - C974.01
Complete with USB connection cable for PC.

# MIDLAND CT 2000
## THE FIRST VEHICULAR VHF/UHF

**WATERPROOF IP54**

**POWER 25/10/5W**

**203 CHANNELS**

**TFT GRAPHIC DISPLAY**

**TOT**

**SCAN**

**REPEATER FUNCTION**

**EXTRA LOUD SPEAKER**

**PROGRAMMABLE**

SUPERCOMPACT 115x125x43mm

CT2000 is an amateur bi-band transceiver that works in VHF and UHF.
With a **25W output power** (adjustable), comparable to the power of professional transmitters, in spite of its very small size, a **powerful 3W loudspeaker** guaranteeing an excellent audio and a **wide multicolour graphic display** that allows seeing all set parameters clearly. **CT2000** stores up to **203 channels**, has **51 CTCSS tones and 208 DCS codes as well as the 1750/2100/1000/1450Hz tones to access repeater bridges;** it can also make selective calls. It is **IP54 certified** (protection against dust and splashes) to allow use even outdoors, such as on motorcycles or quads (ATVs). With a **compact multifunction microphone** with which the set functions can be quickly recalled.
**Programmable** using the optional software thanks to which you can customize the functions and buttons on the front of the radio.

**Version:** Dual Band VHF/UHF
**Colour:** Black
**Frequency:** 144-146MHz
(Export 136-174MHz)
430-440MHz
(Export 400-470MHz)
**Output power:** 25/10/5W

## FEATURES

· Resistant to splashes and dust, IP54 protection.
· Operating mode:
UHF/VHF, VHF/VHF or UHF/UHF
· Selectable transmission power:
high (25W) medium (10W) or low (5W)
· 104 + 104 DCS codes and 51 CTCSS tones
· 203 channels can be stored
· Dual band display (VHF / UHF), channel number or channel number and frequency, transmission power level
· Colour graphic display

· Activation tones for repeaters (1000/1450/1750/2100Hz)
· Bandwidth selectable on three levels 12.5 kHz/20 kHz/25 kHz
· Frequency inversion function
· Scan function
· Frequency offset and selectable offset direction
· TOT (Time Out Timer)
· Keypad lock
· Socket for external earphone

## PACKAGING AND CODES

Transceiver, microphone with keypad, fixing bracket, power cable, microphone holder
**code C1321**

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**PROGRAMMING SOFTWARE PRG-510 - C1104**
Complete with USB connection cable for PC.

# MIDLAND *CT 3000*
## THE PROFESSIONAL AMATEUR RADIO

**WATERPROOF IP54** · **POWER 25/10/5W** · **200 CHANNELS** · **TFT GRAPHIC DISPLAY** · **TOT** · **SCAN**

**REPEATER FUNCTION** · **EXTRA LOUD SPEAKER** · **"FLIP" DISPLAY** · **CUSTOMIZED BUTTONS** · **PROGRAMMABLE**

Unlike the other models, **CT3000** can be defined **"professional"** as it has 6 customizable buttons on the front (P1-P6) through which you can set various functions, and not only: 2 functions can be associated to these 6 keys at the same time, divided into 2 groups of menus. To guarantee excellent communications even long range, CT3000 boasts high selectable **transmission power**: **25W** (high), **10W** (medium) and **5W** (low).
Its metal chassis makes it an extremely robust radio, suitable for extreme situations, which also ensures better heat dissipation, very useful to prevent the radio from overheating.
The IP54 certification ensures high protection against dust and splashes and also allows using the radio outdoors.
**CT3000** boasts the **«flip» function**: the radio can be rotated by 180° and the display will still be correct. The display is wide and multicolour.

**Version:** Dual Band VHF/UHF
**Colour:** Black
**Frequency:** 144-146MHz
(Export 136-174MHz)
430-440MHz
(Export 400-470MHz)
**Output power:** 25/10/5W

## FEATURES
· Operating mode: UHF/VHF, VHF/VHF or UHF/UHF
· Dual band display (VHF/UHF), channel number or channel number and frequency.
· Wide colour TFT display, rotating by 180°
· Scan of the stored channels
· Automatic adjustable Digital Squelch on multiple levels
· Scan function, Dual Watch, Roger Beep
· 200 customizable memory channels
· 104 + 104 DCS inverted codes and 51 CTCSS tones
· TOT (Time out Timer)
· Adjustable backlight

· Automatic switch ON/OFF
· Keypad lock
· Activation tones for repeaters (1000/1450/1750/2100 Hz)
· Bandwidth selectable on three levels 12.5 kHz/20 kHz/25 kHz
· Frequency inversion function
· Frequency step: 2.,5 kHz-5 KHz 6.,25 kHz-10 kHz-12.,5kHz-20 kHz-25 kHz 30kHz-50 kHz.
· Frequency offset and selectable offset direction
· Output power level indicator on the display
· 12.6V+/- 10% power supply
· Microphone with RJ45 multifunction keypad

## PACKAGING AND CODES
Transceiver, microphone with keypad, fixing bracket, power cable, microphone holder, screws and protection fuse
**code C1325**

**PROGRAMMING SOFTWARE PRG-3000 C1352**
Complete with USB connection cable for PC.

**R74574**
2 mt. long microphone extension cord for M-5/M-30/CT3000

# ALAN *HP108/408L*
## QUALITY AND HIGH PROFESSIONAL PERFORMANCE AT A COMPETITIVE PRICE

**VOX**

**BATTERY LEVEL**

**SCAN**

**SCRAMBLER**

**HI/LOW POWER**

**ROGER BEEP**

**BATTERY PACK**

**2 PIN**
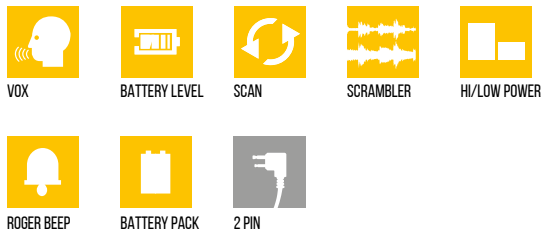
**SIZE: 97x53x33mm**

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**HP108: VHF 136-174 MHz**
**HP408L: UHF 400-470 MHz**

### FEATURES

· **Protection IP54**
· 256 CH (HP108); 298 CH (HP408L)
· Breakdown of channels according to groups
· Customisable switch on message
· Backlit LCD display
· Backlit keypad
· Standard CTCSS tones and digital DCS

· Selective calling 5 tones, 5+5 tones in the various standard formats
· Signal intensity indicator
· Built-in scrambler with 8 different selectable frequency codes
· Compander, Transponder function
· Adjustable power: max. 5W programmable at High/Low/Medium
· Battery life: up to 12 hours
· Built-in vox adjustable to 8 different sensitivity levels and 4 different delay levels
· 2-pin accessory socket

### PACKAGING AND CODES

Radio, quick desktop battery charger, Li-Ion 1600 mAh rechargeable battery, antenna, belt clip
**HP108 code G1176.01** VHF 136-174MHz
**HP408L code G1177.04** UHF 400-470MHz

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### PROGRAMMING SOFTWARE PRG08 SERIE HP08 - G1184
Complete with USB connection cable for PC.

# ALAN *HM135/70*
## FOR ADVANCED COMMUNICATION SYSTEMS



**EMERGENCY** | **SCAN** | **SCRAMBLER** | **HI/LOW POWER**

**HM135: VHF 136-174MHz**
**HM70: 66-88MHz**

### FEATURES
· 4 - 25W output power
· MIL STD 810 C D,E, F and IP54 (front panel only)
· More than 250 channels with usable settings
· CTCSS/DCS
· Programmable channelling

· Graphic LCD display
· 4 function buttons
· Phone book
· Standard and customised selective call
· Scrambler
· Kill/revive
· Remote use front panel
· 4W front speaker
· Standard and priority channel scan
· Talk around - Public Address function
· Flash memory
· programmable through PC

· Data transmission (compliant with ETS300-113)
· Standard DB25 accessories connector

### PACKAGING AND CODES
**HM135 code G934** VHF 136-174MHz
Radio, power lead and support bracket

**HM70 code G1101** 66-88MHz
Radio, power lead, support bracket and microphone

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**PROGRAMMING SOFTWARE PRG35 FOR HM06, HM35 AND HM70 - G968**
Complete with USB connection cable for PC.

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# ALAN *HM106*
## REASONABLE PRICE PROFESSIONAL PERFORMANCE



**EMERGENCY** | **SCAN** | **HI/LOW POWER**

**HM106: VHF 136-174MHz**

### FEATURES
· Output power 4 - 25W
· MIL STD 810 C D,E, F and IP54 (front panel only)
· 99 channels

· CTCSS/DCS
· Programmable channelling
· 2-digit LED display
· 4 function buttons
· Selective Call
· 4W front speaker
· Standard and priority channel scan
· Talk around

· Public Address function
· Flash memory
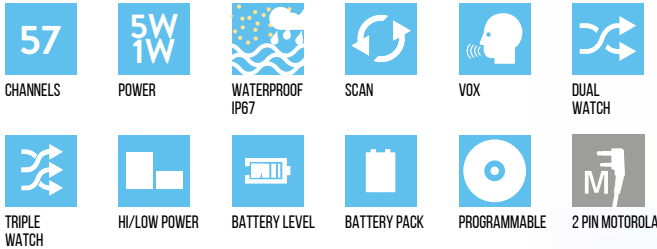· PC programmable

### PACKAGING AND CODES
Radio, standard microphone, power lead and support bracket
**HM106 code G997** VHF 136-174MHz

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**PROGRAMMING SOFTWARE PRG35 FOR HM06, HM35 AND HM70 - G968**
Complete with USB connection cable for PC.

# MIDLAND *ARCTIC*
## THE MARINE RADIO

**57** CHANNELS

**5W 1W** POWER

WATERPROOF IP67

SCAN

VOX

DUAL WATCH

TRIPLE WATCH

HI/LOW POWER

BATTERY LEVEL

BATTERY PACK

PROGRAMMABLE

2 PIN MOTOROLA

**MULTI CA PB-G15 - C1251**
6 position multicharger (optional)

WATERPROOF

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**Midland Arctic** is a **VHF marine** portable **transceiver** combining professional technical features with sturdiness and reliability.
Its functions are all at hand, including the **button to access emergency channel 16 straight away**. The antenna can be removed and thanks to the standard **SMA connector,** it is possible to use other types of antenna. The management of the Charlie and Alpha channels and functions takes place via optional programming software.

### FEATURES
· IP67 waterproof certification
· Aluminium chassis
· Transmission power: 5W
· High/low power selection (5W/1W)
· 57 international channels
· Programmable channels (through software)
· Backlit wide LCD display
· Instant access to the emergency channel 16
· VOX, SCAN function
· Dual Watch/Triple Watch
· 10 different Squelch levels
· Priority channel
· Keypad lock
· Roger Beep (end of call tone)

· Keypad beep
· Flat battery indicator and automatic battery
· saver
· Power supply: Li-Ion battery pack
· 2-pin Motorola accessory socket

### PACKAGING AND CODES
Radio, desktop charger, wall adapter, Li-Ion 1600 mAh rechargeable battery pack, belt clip **code C1240**

**EXPORT VERSION:**
**USA/CANADA CHANNELS**

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**PROGRAMMING SOFTWARE PRG-G15 - C1131**
Complete with USB connection cable for PC.

# CB & RADIO ACCESSORIES

MIDLAND®

# MICROPHONES

## CB MICROPHONES 4-PIN "48" CONNECTOR

**DUALMIKE**
**C1283**
Bluetooth preamplified CB microphone.
For Alan 48/68 and Midland 8001-XT

*NEW*

**MIDLAND F48**
**C1022**
Preamplified microphone with echo.
For Alan 48/68 and Midland 8001-XT

**MIKE MIDLAND**
**T059.01**
Omni directional dynamic microphone.
Impedance 500 Ohm.
For Alan 48, Alan 68S, Midland 8001-XT

**FOR ITALIAN MARKET ONLY**

**MDL4190**
**C074**
Omni directional dynamic microphone.
Impedance 500 Ohm.
For Alan 48, Alan 68S, Midland 8001-XT

**FOR ITALIAN MARKET ONLY**

**MDL-NC**
**C1155**
Omni directional dynamic microphone.
Noise-cancelling broadband microphone capsule.
Impedance 460 Ohm.
For Alan 48, Alan 68S, Midland 8001-XT

## CB MICROPHONES 6-PIN CONNECTOR

**DUALMIKE**
**C1283.02**
Bluetooth preamplified microphone for CB Multi Standard radios

*NEW*

**MIDLAND F MULTI**
**C1023**
Preamplified microphone with echo for CB Multi Standard radios

**MR120**
**C404.01**
Electret microphone with Up/Down buttons.
For series Plus Multi, Excel, Midland 248, 248 XL, 278, Alan 121 and Midland 220 (no channel change)

**MIKE MULTI**
**C714**
"Precision series" microphone with Up/down buttons, Lock button.
For series Plus Multi, Excel, Midland 248, 248 XL, 278, Alan 121 and Midland 220 (no channel change)

**MIKE M20**
**C1266**
Microphone with a stylish design with Up/Down/Priority buttons for M-20. Compatible also with Plus Multi B, Excel, Midland 248, 248XL, 278 and Alan 121 (for these models the Priority button becomes Lock).

# MICROPHONES, HOLDERS, BRACKETS, CABLES

## CB MICROPHONES 4-PIN CONNECTOR

### DUALMIKE
**C1283.01**
Bluetooth preamplified CB microphone.
For Midland M-10, M Zero/Plus, Alan 100 Plus B, Midland 200, Midland 203

*NEW*

### R51504
Original microphone Alan 100 Plus B/Midland 203. For Alan 100 Plus B, Midland 203, Alan 199, Midland 210 DSs

### MIDLAND F100
**C1021**
Preamplified microphone with echo.
For Alan 100 Plus B, Midland 200, Midland 203

## BRACKETS

### SPM-48 DIN
**C791**
DIN bracket for Alan 48 Plus Multi B/Excel Multi, Midland248/248XL

### SPM-78 DIN
**C792**
DIN bracket for Alan 78 Plus Multi B, Midland 278, **Midland M20**

### SPM-100 DIN
**C807**
DIN bracket for Alan 100 Plus,100 Plus Euro, Alan 100 Plus B, 199-A, Midland 203, Midland 210, **Midland M10**

### SA 48
**T769**
Complete with 1 bracket, 2 slides, 2 handles, 2 screws for Alan 48, 68S
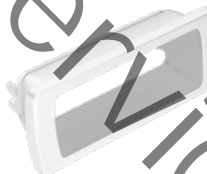
### G1020.01
Dashboard kit white New Neptune

## MICROPHONE HOLDERS

### PM3
**T431**
Microphone-holder with screw fastening and bi-adhesive

### PMF
**T570**
Microphone-holder with screw fastening and bi-adhesive, fluorescent

## CABLES

### R74574
2 mt. long mic extension cord for M-5/M-30/CT3000

### PRG-30
**C1318**
Programming cable for M-30

### T060
3-pole lead with fuse-holder.
Length: 160 cm.
For Alan 48, Alan 68S

**CB ACCESSORIES**

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# SPEAKERS, VOLTAGE REDUCERS, AMPLIFIER

## SPEAKERS

**AU 20**
**T775**
External speaker 5W max

**AU25E**
**T681.01**
External speaker 5W max.
Recommended for VHF
professional mobile transceivers
Alan HM35/70/06

**AU 30**
**T682**
External speaker 12W max

**EH 800**
**P348**
External speaker 10W max

**SUITABLE FOR OUTDOOR USE**

| SPECIFICATIONS | AU 20 | AU 25E |
|---|---|---|
| Impedance | 8 Ohm | 8 Ohm |
| Rated power | 2 W | 3 W |
| Maximum power | 5 W | 5 W |
| Size in mm | 65x55x65 | 100x60x60 |

| SPECIFICATIONS | AU 30 | EH 800 |
|---|---|---|
| Impedance | 8 Ohm | 8 Ohm |
| Rated power | 7 W | - |
| Maximum power | 12 W | 10 W |
| Size in mm | 110x140x60 | 90x85x110 |

## VOLTAGE REDUCERS

**RDT 14/A**
**C531**
AUTOMOTIVE approval no.:
℮3 02 1050

**RDT 10/A**
**C589**
AUTOMOTIVE approval no.:
℮3 02 1049

| SPECIFICATIONS | RDT 10/A | RDT 14/A |
|---|---|---|
| Switching technology | No | No |
| Input voltage | 24-28 Vcc | 24-28 Vcc |
| Output voltage | 13,8 Vcc | 13,8 Vcc |
| Size in mm | 64x120x112 | 64x120x112 |

| SPECIFICATIONS | RDT 10/A | RDT 14/A |
|---|---|---|
| Weight | 670 g | 580 g |
| Continuous | 6 A | 6 A |
| 6'/3' | 10 A/- | 8 A/- |
| Max peak | 10 A | 10 A |

## HF AMPLIFIER

**HF747**
**C882**
HF power amplifier AM-FM-SSB-CW
(for amateur use only)

**BLW60**
**T388.01**
Replacement transistor for
amplifiers (VHF and BS22)

| SPECIFICATIONS | HF747 |
|---|---|
| Frequency | HF |
| Power supply | 12-14 Vcc |
| Current drain | 8/10 A |
| Input power | 0,5/10 W |
| Output power | 100 W max |
| Mode | AM-FM-SSB-CW |
| Fuse | 2 x 12 A |
| Size/Weight | 109x210x35 mm/605 g |

# SWR METER WATTMETERS, POWER SUPPLIES

## SWR METER WATTMETERS

### KW 505
**C1165**

KW 505 is a 2-function measurement instrument that operates on 1.5 - 150 MHz frequency range to constantly monitor any antenna.
Power reading on two levels: 0-10W and 0-100W.

### KW 520
**C530**

Suitable for checking transmitter power and antenna adaptation, with two separate measuring lines, one from 1.8 to 200 MHz and the other from 140 to 525 MHz. This enables the simultaneous connection of 2 systems: one in HF/VHF and the other in VHF/UHF and select which to use to take the measurements with the specific switch. The measurement line selected is seen by the specific LED. With the possibility of measuring peak or medium value > Fine calibration of the index > Base scale duplicator button of power from 200 to 400 W.

### SPECIFICATIONS

| | |
|---|---|
| **RF power** | 10W - 100W |
| **R.O.S.** | 1:1 / ∞ |
| **Impedance** | 52 Ohm |
| **Frequency range** | 1.5 - 150 MHz |
| **Size** | 135x60x70 mm |
| **Weight** | 280 g |
| **Connector** | SO239 |

### SPECIFICATIONS

| | |
|---|---|
| **RF power** | 5W - 20W - 200W - 400W |
| **R.O.S.** | 1:1 / ∞ |
| **Impedance** | 52 Ohm |
| **Frequency range** | 1.8 - 200 MHz/140 - 525 MHz |
| **Size** | 155x100x60 mm |
| **Weight** | 730 g |
| **Connector** | SO239 |

## POWER SUPPLIES

**SW35**
47500

**SW57**
47510

**SW79**
47520

**SW102**
47530

The power supplies protected from short-circuit that can be used for radio applications and in electronics laboratories.

| SPECIFICATIONS | SW35 | SW57 | SW79 | SW102 |
|---|---|---|---|---|
| **Input voltage** | | 220-230Vca-50Hz | | |
| **Output voltage** | | 13,8Vcc | | |
| **Rated output current** | Max 3-5A | Max 5-7A | Max 7-9A | 10-12A |

# CAR & TRUCK ANTENNAS

## SPACE ANTENNAS: ILLUMINATE WHEN TRANSMITTING

Midland Lux is the genesis of a new line of CB antennas, designed to make the installation of the best "CB radio" on vehicles. The antenna base is fitted with a waveguide that glows when it is crossed by radio frequency. It automatically illuminates when the radio is transmitting, thus signalling the correct operation of the device. It does not need any power and is totally waterproof. LUX1500-S and LUX 1000-S: Anti-theft and protection hinge. LUX 1500-PL e LUX 700-PL suitable for gutter, mirror, centre roof mount (accessories not included). With the KIT they become magnetic (see page 46).

**LUX 1000-S**
C1258

**LUX 1500-S**
C1259

**LUX 700-PL**
C1330

**LUX 1500-PL**
C1257

**X-TURBO 60**
C871

**X-TURBO 80**
C872

**ML143**
C1164

**ML 145**
T562.01

# CAR & TRUCK ANTENNAS

**ALAN PC 4**
T739

**ALAN PC 6**
T736

**ALAN PC 8**
T701

**ALAN S9 PLUS**
T638

**FUNK 90**
T638.04

**FUNK 130**
T638.05

**FUNK 150**
T638.06

**MINI**
C593

# MAGNETIC CB ANTENNAS

**KIT 226**
**LUX700-PL+120/PL**

**KIT224**
**LUX1500-PL+120/PL**

**KIT 212**
**ML143+BASE M**

**KIT 007**
**ML145 + 120/PL**
High power antenna with
magnetic base Ø 120 mm

**MIDLAND 18-244M**
**T788**
Small antenna complete with
lead and connector

**LC29**
**C1018**

**LC65**
**C1020**

# MAGNETIC BASES, VHF/UHF ANTENNAS

## MAGNETIC BASES

### BM-MP
**C1182**
Developed for the MP120 antenna, it is designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with universal DV 27 base (already installed).

### BM-MLC143
**C1183**
Developed for the ML 143 antenna, it is designed to withstand high speed. Equipped with scratch resistant magnet-covering cap. Supplied with PL mount (already installed).

### BM 120/DV
**T057**
BM 120 DV is designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with universal DV 27 base (already installed).

### 120/PL
**T036**
Designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with attachment for PL (already installed).

### BM 150/PL
**6782**
Designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with attachment for PL (already installed). Diameter: 15 cm.

*NEW*

### MINI MAGNETIC BASE
**6677**
Mini BNC magnetic base (Ø35mm) with enormous adhesive force to accommodate shorter rubber antennas. with 2.40m-long RG 174 cable, BNC terminal connector.

*NEW*

## VHF/UHF CAR & TRUCK ANTENNAS

\* F.O.W.: Reclining structure. The reclining style guarantees that the antenna can move extensively in all directions, enabling the convenient parking of the car in the garage without removing the antenna. Equipped with a safety block for safe driving.

| NW-2000 | NR-770R | NR-770S | M-285 | M-150 GSA | VH 1 |
|---------|---------|---------|-------|-----------|------|
| **C623** | **C626** | **C625** | **C631** | **C632** | **F092** |
| F.O.W.* | F.O.W.* | | | | |

# *BASIC, BALCONY, WIDE BAND ANTENNAS*

**CB BASE ANTENNAS, EQUIPPED WITH A SYSTEM TO PROTECT AGAINST WATER LEAK**

### ENERGY NEW 1/2
**T241.02**
Energy New 1/2 is telescopic base antenna, ground plane at 1/2 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.

**CB BASE ANTENNAS, EQUIPPED WITH A SYSTEM TO PROTECT AGAINST WATER LEAK**

### ENERGY NEW 5/8
**T242.02**
Energy New 5/8 is telescopic base antenna, ground plane at 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.
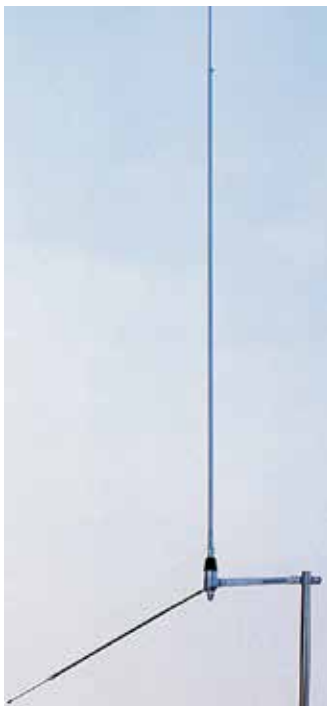
BASE STATION BALCONY ANTENNA

### BOOMERANG
**6350**
Balcony/fixed station 1/2 wave antenna for roof or balcony fitting.
The aluminium radiants are 300cm in length.
ROS calibration with adjustment of the whip on the shortest radian. Supplied with assembly kit. ROS: <1.2

BASE STATION BALCONY ANTENNA

### MINI BOOMERANG
**6360**
Balcony/fixed station 1/4 dipole antenna.
Aluminium radiants 172cm, 173cm in radial length. Supplied with assembly kit.

BALCONY/STATION ANTENNA

### HURRICANE-STORM 27
**63570**
1/2 wave fixed station/balcony antenna. It can be installed in attics, balconies etc. The ROS calibration is not required but the connecting cable must have the length specified in the user manual. Supplied with assembly kit.

WIDE BAND ANTENNA

### SKY BAND
**6161**

Sky Band allows you to receive continuous coverage up to 1300 MHz and to broadcast on all amateur bands from 144 MHz upwards. It is therefore very useful for multiband devices and "dualbanders" for Full Duplex transmissions. Stainless steel whips.
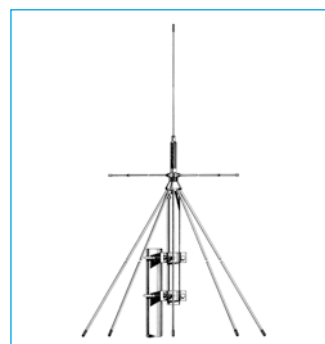
WIDE BAND ANTENNA

### ALL BAND
**61700**
High performance antenna, usable both as receiving antenna and for transmission on various amateur radio frequencies.
Made of stainless steel, chromed brass and anodised aluminium. Easy to install.

ANTENNAS ACCESSORIES

# MOUNTS

## ANTENNA MOUNTS

**AB-DAF XF106**
**C1430**
CB antenna holding BRACKET

*NEW*

**AB-SCANIA NEW GENERATION**
**C1430.01**
CB antenna holding bracket

*NEW*

**AB-RENAULT T**
**C1430.02**
CB antenna holding bracket

*NEW*

**AB-SCANIA R2/R3**
**C1430.03**
CB antenna holding bracket

*NEW*

**AB-VOLVO FH4**
**C1430.04**
CB antenna holding bracket

*NEW*

**AB-MERCEDES MP4**
**C1430.05**
CB antenna holding bracket

*NEW*

**AB-MAN TGX E5-E6**
**C1430.06**
CB antenna holding bracket

*NEW*

**AB-IVECO HIWAY**
**C1430.07**
CB antenna holding bracket

*NEW*

**GR-L**
**C1047**
Stainless steel mount.
Size: 38x64x99mm

**GR-XL**
**C1048**
Stainless steel mount
Size: 38x100x180mm

**GR PLUS**
**T786**
Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork

**GR-F INOX**
**T751**
Gutter mount. In stainless steel for vehicle antennas, with fixing hole reducer

**GR-S INOX**
**T753**
Gutter mount. In stainless steel with double inclination for vehicle antennas, with fixing hole reducer

**DOWNPIPE 27**
**T054**
Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork.
The special rubber suction pad guarantees perfect adherence to the vehicle roof

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# MOUNTS, CONNECTORS, CABLES

**ANTENNAS ACCESSORIES**

**SP-S INOX**
**T752**
Gutter mount. In stainless steel for vehicle antennas, with adjustable inclination and fixing hole reducer

**SP 21**
**T390**
Mirror mount. Enables the installation of any mobile antenna on the rear view mirror, avoiding unsightly holes in the bodywork

**DV 27 PL**
**T599**
Roof centre adapter DV/SO239

(1)

(2) (3)

**SC 27**
**T441** Specific screw (1)
**LC 27/10-N**
**T370.01** Connector (2)
**FC 27**
**T478** Base for antennas (3)
Screws, connector for FC 27 and base for Midland antennas

## CONNECTORS

**PL259/R**
**T292.02**

**UG 255**
**F076**
Connector for BNC/SO239

**PL 259/RL**
**T377**

**SA 95**
**T211**
SO239 connector RCA plug

**PL 259**
**T205**
Connector for RG8/RG213 cable

## CABLES

**RG58 T633 - R73895**
3-piece lead for roof centre mount.
Lead type: RG58 Length: 4m
**R73895 for PC antennas**

**CENTRE ROOF MOUNT T301**
Centre-roof mount for US antennas
Lead type: RG58 Length: 3,5 m

**R 45/58-U T194**
Connection lead for CB transceivers.
Lead type: RG58 Length: 45 cm

**R 90/58-U T193**
Connection lead for CB transceivers.
Lead type: RG58 Length: 90 cm

**7581**
1.5m coaxial cable extension with 2 PL259 connectors

**75820**
10m coaxial cable extension with 2 PL259 connectors

NEW

NEW

**RG 213-U**
**7462**
100m roll

**RG 58-U**
**7460**
100m roll

## ANTENNAS SPECIFICATIONS

### CAR & TRUCK CB ANTENNAS

| SPECIFICATIONS | LUX 1000-S/LUX 1500-S | X-TURBO 60/80 | ALAN PC 4/6/8 |
|---|---|---|---|
| Operating frequency | 26-30MHz | 26-28 MHz | 25-30 MHz |
| Number of channels | 120 | 200 | 150/240/130 |
| Maximum applicable power | 600/800 | 800 W (max 1500)/ 1000 W (max 1700) | 400/600/800 W |
| R.O.S. min.in centre band | < 1.2 | < 1.2 | < 1.2 |
| Length (cm) | 1200/1700 | 160/ 180 | 115/160/163 |
| Impedance (Ohm) | 50 | 50 | 50 |
| Weight (g) | 503/525 | 670/ 690 | 450 |
| Whip material | Stainless steel | Steel | Stainless steel |
| Antenna connection type | 3 pieces | 3 pieces | 3 pieces |
| Hole diameter (mm) | 12.5 | 10 | 10 |
| Lead (m) | 4 | 4 | 4 |

| SPECIFICATIONS | ALAN S9 PLUS | FUNK 90/130/150 | MINI |
|---|---|---|---|
| Operating frequency | 25-30 MHz | 26-28 MHz | 26÷28 MHz |
| Number of channels | 200 | - | 40 |
| Maximum applicable power | 300 W | 200/250/300 W | 80 W |
| R.O.S. min. in centre band | < 1.2 | < 1.2 | 1.2:1 |
| Length (cm) | 155 | 90/130/150 | 680 |
| Impedance (Ohm) | 50 | 50 | 50 |
| Weight (g) | 390 | 160/190/200 | 210 |
| Whip material | Steel | Steel | Stainless steel |
| Antenna connection type | DV | DV | 3 pieces |
| Hole diameter (mm) | 12,5 | 10 | 12,5 |
| Lead (m) | 4 | 4/4/4 | 4 with PL259 |

You can find the LUX 700-PL, LUX 1500-PL, ML143 and ML145 technical specifications in the CB magnetic antennas table.

### MAGNETIC CB ANTENNAS

| SPECIFICATIONS | KIT226 (LUX700-PL) | KIT224 (LUX1500-PL) | KIT212 (ML143) | KIT 007 (ML145) |
|---|---|---|---|---|
| Operating frequency | 26-28 MHz | 26-28 MHz | 26-28 MHz | 26-28 MHz |
| Number of channels | 40 | 120 | 120 | 90 |
| Maximum applicable power | 600 W pep | 1000 W pep | 300 W pep | 400 W pep |
| R.O.S. min. in centre band | < 1.2 | < 1.2 | < 1.2 | < 1.2 |
| Length (cm) | 900 | 1645 | 170 | 146 |
| Impedance (Ohm) | 50 | 50 | 50 | 50 |
| Weight (g) | 330 | 358 | 1500 | 1600 |
| Whip material | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Mount | Magn. base 120mm with PL (SO239 antenna only) | Magn. base 120mm with PL (SO239 antenna only) | Magn. base 120mm with PL (SO239 antenna only) | Magn. base 120mm with PL (SO239 antenna only) |
| Hole diameter without magn. base (mm) | 16 | 16 | 16 | 16 |
| Lead (m) | 4 | 4 | 4 | 2,9 |

| SPECIFICATIONS | KIT 007 (ML145) | MIDLAND 18-244M | LC29 | LC65 |
|---|---|---|---|---|
| Operating frequency | 26-28 MHz | 26.965-27.405 MHz | 26-28 MHz | 26.965-27.405 MHz |
| Number of channels | 90 | 40 | 40 | 40 |
| Maximum applicable power | 400 W pep | 100 W | 10/30 W (peak) | 60/300 W (peak) |
| R.O.S. min. in centre band | < 1.2 | 1:1,2 | ≤1.2:1 | ≤1.2:1 |
| Length (cm) | 146 | 66 | 29 | 115 |
| Impedance (Ohm) | 50 | 50 | 50 | 50 |
| Weight (g) | 1600 | 500 | 400 | 1000 |
| Whip material | Stainless steel inox | Stainless steel inox | Stainless steel inox | Stainless steel inox |
| Mount | Magn. base 120mm with PL (SO239 antenna only) | Magn. base Ø 90 mm | Magn. base Ø 68 mm with PL | Magn. base Ø 120mm with PL |
| Hole diameter without magn. base (mm) | 16 | - | - | - |
| Lead (m) | 2,9 | 2,75 | 4 | 4 |

### MAGNETIC BASES

| SPECIFICATIONS | BM-MP | BM-MLC143 | BM 120/DV | 120/PL | BM-150PL | BM MINI |
|---|---|---|---|---|---|---|
| Frequency range | 26-460 MHz | 26-460 MHz | 26-460 MHz | 26-460 MHz | 26-460 MHz | 26-460 MHz |
| Max. speed | 80/130 Km/h | 80/130 Km/h | 80/130 Km/h | 80/130 Km/h | 80/130 Km/h | 80/130 Km/h |
| Base diameter | Ø 120 mm | Ø 120 mm | Ø 120 mm | Ø 120 mm | Ø 150 mm | Ø 35 mm |
| Weight | 830 gr | 940 gr | 750 gr | 700 gr | 800 gr | 100 gr |
| Lead | 4m | 4m | 3m | 3m | 3.9m | 2.4m |

## ANTENNAS SPECIFICATIONS

### VHF/UHF CAR & TRUCK ANTENNAS

| SPECIFICATIONS | NW-2000 | NR-770R | NR-770S | M-285 | M150-GSA |
|---|---|---|---|---|---|
| Frequency | 144/430 MHz | 144/430 MHz | 144/430 MHz | 138-174 MHz | 138-174 MHz |
| Type | 1/2λ(144 MHz) 2x5/8λ(430 MHz) | 1/23λ(144 MHz) 2x5/8λ(430 MHz) | 1/4λ(144 MHz) 1/2λ(430 MHz) | 5/8λ | 1/4λ |
| Power | 200 W | 200 W | 100 W | 200 W | 200 W |
| Length (cm) | 98 | 98 | 43 | 100 | 51 |
| Connector type | PL | PL | PL | PL | PL |

| SPECIFICATIONS | VH 1 |
|---|---|
| Operating frequency | 140:175 MHz |
| Maximum applicable power | 100W |
| R.O.S. min. in centre band | 1:1,2 |
| Length (cm) | 51 |
| Impedance | 50 Ohm |
| Weight | 300 g |
| Whip material | Stainless steel |
| Connector type | PL259 (not supplied) |
| Hole diameter | 12 mm |
| Lead | 4m |

### BASE CB ANTENNAS

| SPECIFICATIONS | ENERGY NEW 1/2 | ENERGY NEW 5/8 |
|---|---|---|
| Operating frequency | 25-29 MHz | 144-430 MHz |
| Number of channels | | |
| Maximum applicable power | 500 W PEP | 200 W |
| Impedance | 50 Ohm | 50 Ohm |
| Band R.O.S. | 1.2:1 | 1.5:1 |
| Length | 5750/ 6500 mm | 1700 mm |
| Weight | 2,1/ 2,5 Kg | 0.9 Kg |
| Ø support pole | 30-40 mm | 30-35 mm |
| Connector | SO 239 | SO239 |
| Whip | Aluminium | Fibreglass/steel |

### BALCONY/STATION AND WIDE BAND ANTENNAS

| SPECIFICATIONS | BOOMERANG | MINI BOOMERANG | HURRICANE STORM27 | SKY BAND | ALL BAND |
|---|---|---|---|---|---|
| Operating frequency | 27-30 MHz | 27-30 MHz | 25-29 MHz | RX only 70-1300MHz | 25 - 1300 49,5...50.5, 120...180, 215...300, 415...465, 610...650, 700...1000, 1130...1300 |
| Number of channels | 200 | 150 | 100 | - | - |
| Maximum applicable power | 600W | 450W | 300W | | 300W (200W VHF/UHF) |
| Impedance | 50 Ohm | 50 Ohm | 50 Ohm | 50 Ohm | 50 Ohm |
| Band R.O.S. | 1:1:2 | 1:1.2 | 1: 1.5 | | 1: 1.5 |
| Length | 275cm | 172cm | 96 cm | 66 cm | 160cm |
| Weight | 880g | 800g | 700g | | 1140g |
| Ø support pole | - | - | - | 1044g | 25-54mm |
| Connector type | UHF Female | UHF Female | UHF Female | - | SD 1300 N = N-Female SD 1300 U = UHF-Female |
| Whip | Aluminium | Fibreglass | Aluminium | Aluminium | Aluminium, chromed brass, stainless steel, nylon |

SKY BAND: since its bandwidth cannot assure a good SWR and this leads to a low TX performance, on the above table only the RX operating mode has been indicated (suitable for SCANNERS).

### VHF/UHF PORTABLES ANTENNAS (SEE PAGE 62)

| SPECIFICATIONS | RH-707 FLEX | RH-701 | RH-771 | RH-775 |
|---|---|---|---|---|
| Frequency | TX: 144/430 MHz | TX: 144/430 MHz | TX: 144/430 MHz | TX: 144/430 MHz |
| Type | 1/4λ | 1/4λ | 1/4λ(144MHz) 1/2λ(430MHz) | 1/4λ (144 Mhz) 1/2λ (430 MHz) |
| Band | 120-150/300-450 MHz 800-900 Mhz RX only | 120-150/300-450 MHz 800-900 Mhz RX only | 120-150/300-450 MHz 800-900 Mhz sRX only | 120-150/300-450 MHz 800-900 MHz RX only |
| Length (cm) | 21 | 21 | 40 | 14-41 |
| Connector type | BNC | BNC | BNC | BNC |

| SPECIFICATIONS | RH-779 | RH-519 | RH-536 | SRH-536 | SRH-701 |
|---|---|---|---|---|---|
| Frequency | TX: 144/430 MHz | TX: 144/430 MHz | TX: 144/430 MHz | TX: 144/430 MHz | TX: 144/430 MHz |
| Type | 1/4λ - (144 MHz) 1/2λ - (430 MHz) | 1/4λ- 2m/70cm | 1/4λ- (144 MHz) 1/2λ- (430 MHz) | 1/4λ- (144 MHz) 1/2λ- (430 MHz) | 1/4λ |
| Band | 120-150/300-450 MHz 800-900 Mhz RX only | 120-150/300-450 MHz 800-900 MHz RX only | 120-150/300-450 MHz 800-900 Mhz RX only | 300/800 MHz 900 MHz RX only | 120-150/300-450 MHz 800-900 Mhz RX only |
| Length (cm) | 14-41 | 20 | 36 | 37 | 21 |
| Connector type | BNC | BNC | BNC | SMA | SMA |

# CB OVERVIEW TABLES

| MODEL | MIDLAND M-5 | MIDLAND M-MINI | MIDLAND M-10 | MIDLAND M-20 |
|---|---|---|---|---|
| **Type** | Vehicle multi-band CB | Vehicle multi-band CB | Vehicle multi-band CB | Vehicle multi-band CB |
| **General** | | | | |
| **Channels/Bands** | see multi equipment table* | see multi equipment table* | see multi equipment table* | see multi equipment table* |
| **Frequency range** | 26.565 - 27.99125 MHz | 26.565 - 27.99125 MHz | 26.565 - 27.99125 MHz | 26.565 - 27.99125 MHz |
| **Power supply voltage** | 12.6 V DC ± 10% | 12.6 V DC ± 10% | 12.6 V DC ± 10% | 12,6 Vcc ± 10% |
| **Size (WxHxD)/weight** | 110x120x25 mm/380 g | 102x100x25 mm/450 g | 122x35x195 mm/820 g | 137x35x210 mm/930 g |
| **Mic. connector** | RJ45 | - | 4 pin | 6 pin |
| **Receiver** | | | | |
| **Sensitivity for 20dB SINAD** | <1µV | <1µV | <1µV | <1µV |
| **Audio output power** | 3W+2W | 4W max | 4W max | 4W max |
| **Audio distortion** | < 5%@1KHz | < 5%@1KHz | < 5%@1KHz | < 5%@1KHz |
| **Transmitter** | | | | |
| **Output power** | 1W/4W AM-FM | 1W/4W AM-FM | 1W/4W AM-FM | 1W/4W AM-FM |
| **Modulation** | AM: 90% ±5%, FM: 2KHz | AM: 90% ±5%, FM: 2KHz | AM: 90% ±5%, FM: 2KHz | AM: 90% ±5%, FM: 2KHz |
| **Max. current drain** | <1600mA | <1600mA | <1600mA | <1600mA |

| MODEL | MIDLAND M-30 | M ZERO PLUS | ALAN QUARANTOTTO | ALAN SESSANTOTTO |
|---|---|---|---|---|
| **Type** | Vehicle multi-band CB | Vehicle AM-FM CB | Vehicle AM-FM CB | Vehicle AM-FM CB |
| **General** | | | | |
| **Channels/Bands** | see multi equipment table* | 40 AM/40 AM -40 FM | 40 AM -40 FM | 34 AM-FM |
| **Frequency range** | 26.565 - 27.99125 MHz | 26.965 - 27.405 MHz | 26.965 - 27.405 MHz | 26.875 MHz - 27.265 MHz |
| **Power supply voltage** | 12÷24V | 12,6 Vcc ± 10% | 12.6 V DC ± 10% | 12,6 Vcc ± 10% |
| **Size (WxHxD)/weight** | 120x37x160 mm/820 g | 110 x 45 x 140 mm/665 g | 165 x 55 x 205 mm/1,650Kg | 165 x 55 x 205 mm/1,500Kg |
| **Mic. connector** | RJ | 4 pin | 4 pin "48" | 4 pin "48" |
| **Receiver** | | | | |
| **Sensitivity for 20dB SINAD** | <1µV | < 1µV | <1µV | <1µV |
| **Audio output power** | 4W max | 2W max | 4W max | 4W max |
| **Audio distortion** | < 5%@1KHz | < 5% @ 1KHz | < 5%@1KHz | < 5%@1KHz |
| **Transmitter** | | | | |
| **Output power** | 4W AM-FM | 4W AM-FM | 4W AM-FM | 4W AM-FM |
| **Modulation** | AM: 90% ±5%, FM: 2KHz | AM: 90% - FM: 2KHz | AM: 90% ±5%, FM: 2KHz | AM: 90% ±5%, FM: 2KHz |
| **Max. current drain** | 2000mA | 1500mA | 1500mA | 1500mA |

## CB OVERVIEW TABLES - TABLE OF CHANNELS/POWER/BAND FOR MULTI CB

| MODEL | ALAN 100 PLUS B | ALAN 48 PLUS MULTI B | ALAN 78 PLUS MULTI B | ALAN 42 DS |
|---|---|---|---|---|
| Type | Vehicle AM-FM CB | Vehicle multi-band CB | Vehicle multiband CB | Portable multiband CB |
| **General** | | | | |
| Channels/Bands | 40 AM-40 FM | see multi equipment table* | see multi equipment table* | see multi equipment table* |
| Frequency range | 26.965 - 27.405 MHz | 26.565 - 27.99125 MHz | 26.565 - 27.99125 MHz | 26.565 MHz - 27.99125 MHz |
| Power supply voltage | 12,6 Vcc ± 10% | 12,6 Vcc ± 10% | 12,6 Vcc ± 10% | 12,6 Vcc ± 10% |
| Size (WxHxD)/weight | 124x38x190 mm/1.2 Kg | 180 x 50 x 150 mm/1 Kg | 180 x 35 x 140 mm/0,850 Kg | 70 x 140 x 30 mm/220 g (- batt) |
| Mic. connector | 4 pin | 6 pin | 6 pin | 2 pin Midland |
| **Receiver** | | | | |
| Sensitivity for 20dB SINAD | < 1 µV | 0,5÷1 µV | < 1 µV | < 1 µV |
| Audio output power | 4,5 W max | > 3W | > 2W | 0.5W |
| Audio distortion | < 8% @ 1KHz | < 8% @ 1KHz | < 8% @ 1 Khz | 3% @ 1KHz |
| **Transmitter** | | | | |
| Output power | 4W AM-FM | 1W/4W AM-FM | 1W/4W AM-FM | 1W/4W AM-FM |
| Modulation | AM: 90%, FM: 2 KHz | AM: 90%, FM: 1.8 KHz +/- 0.2 KHz | AM: 90%, FM: 1.8 KHz +/- 0.2 KHz | AM: 90% ±5%, FM: 2KHz |
| Max. current drain | 1100mA | 1100mA | 1100mA | 900mA |

## TABLE OF CHANNELS/POWER/BAND FOR MULTI CB

| CODE | COUNTRY | MHZ |
|---|---|---|
| I | Italy 40 CH AM / FM 4 Watt | 26.965-27.405 |
| I2 | Italy 34 CH AM / FM 4 Watt | 26.875-27.265 |
| D4 | Germany 80 CH FM 4 Watt / 40 CH AM 4 Watt | 26.565-27.405 |
| EU | Europe 40 CH FM 4 Watt / 40 CH AM 1 Watt | 26.965-27.405 |
| EC | CEPT 40 CH FM 4 Watt | 26.965-27.405 |
| E | Spain 40 CH AM/FM 4 Watt | 26.965-27.405 |
| F | France 40 CH FM 4 Watt / 40 CH AM 4 Watt | 26.965-27.405 |
| PL | Poland 40 CH AM/FM 4 Watt | 26.960-27.400 |
| UK | England 40 CH FM 4 Watt + EC (40 CH FM 4Watt CEPT) or + I Italy 40CH AM/FM 4W (it depends on the radio model) | 27.60125-27.99125 + 26.965-27.405 |
| **Sigla** | **Export Version** | **MHz** |
| RU | Russia 400 CH AM/FM 4 Watt | 25.615-30.105 |
| PX | Poland 400 CH AM/FM 4 Watt Polish frequencies | 25.610-30.100 |
| SW | Sweden 24 CH FM 4 Watt 31 MHz | 30.930-31.570 |
| AU | Australia 40 CH AM 4 Watt | 26.965-27.405 |
| AM | Australia 10 CH AM 4 Watt | 27.680-27.980 |
| NZ | New Zealand 40 CH AM 4 Watt | 26.330-26-770 |

**NB:** the multi CB radios can have different bands, as in the above table. For further information, please check the user manuals that can be downloaded on **www.midlandeurope.com** in the **Support section.**

# MICROPHONES

## MICROPHONES/EARPHONES WITH L-SHAPED 2-PIN ACCESSORY SOCKET

**MA 21-L**
**C709.03**
Microphone with adjustable earpiece and selectable PTT/VOX, with curly cord

**MA 21-Li**
**C709.07**
Microphone with earpiece (no VOX)

*NEW*

**MA 24-L**
**C517.02**
Speak/listen microphone with selectable PTT/VOX

**MA 26 - L**
**C515.01**
Speaker microphone with volume control and earpiece socket

**MA 28 - L**
**C559.03**
Speak/listen microphone with selectable PTT/VOX
NB: MA28-G5 except Alan421-G5XT

**MA 30 - L**
**C648.03**
Microphone with adjustable arm and selectable PTT/VOX

**MA31 - L**
**C732.03**
Microphone with pneumatic earpiece and selectable PTT/VOX

**MA 35 - L**
**C652.02**
Headphone with microphone

## MICROPHONES/EARPHONES WITH STRAIGHT 2-PIN ACCESSORY SOCKET

**AE30**
**C851**
Microphone with arm and selectable PTT/VOX

**MA31**
**C732**
Microphone with pneumatic earpiece and selectable PTT/VOX (OUT OF PRODUCTION)

**AE38**
**C823**
Throat microphone with earphone, PTT and finger PTT

## MICROPHONES/EARPHONES WITH 2-PIN KENWOOD ACCESSORY SOCKET

**BA21**
**C1298**
Adjustable earpiece microphone and PTT. Ergonomic and comfortable, extremely robust cable for professional use. 2-pin "L" jack

**HIGH PERFORMANCE**

**BA24**
**C1296**
Headset microphone.
Ergonomic and comfortable, extremely robust cable for professional use. 2-pin "L" jack

**HIGH PERFORMANCE**

**BA22**
**C1297**
Speaker microphone with PTT and rotating clip.
Performant speaker with PTT and 360° rotating clip. 2-pin "L" jack

**HIGH PERFORMANCE**

RADIO ACCESSORIES

# RADIO ACCESSORIES

**BA31**
**C1299**
Microphone with pneumatic headset and PTT. Comfortable to wear, discreet and flexible, high quality transparent hose.
Extremely rugged cable for professional use. 2-pin "L" jack

**HIGH PERFORMANCE**

**MA 21-LK**
**C709.04**
Microphone with adjustable earpiece and PTT, with curly cord. L-shaped 2-pin accessory socket

**MA 21-LKI**
**C1306**
Microphone with adjustable earpiece curly cord, competitive price.

**MA 21-XK**
**C709.06**
Microphone with adjustable earpiece and PTT. 2-pin "L" jack

**MA26 - LK**
**C515.04**
Speaker microphone with volume control and earpiece socket. L-shaped 2-pin accessory socket

**MA31-LK**
**C732.04**
Microphone with pneumatic earpiece. L-shaped 2-pin accessory socket

## MICROPHONES/EARPHONES WITH 1-PIN ACCESSORY SOCKET

**MA 21-SX**
**C709.02**
Microphone with adjustable earpiece and selectable PTT/VOX, with curly cord

**MA-NC1**
**C983**
Fabric neck collar with integrated headset and selectable PTT/VOX

## MICROPHONES/EARPHONES WITH 2-PIN MOTOROLA ACCESSORY SOCKET

**MA 25-M**
**C1129**
Waterproof speaker microphone, compatible with Midland G15/G18. 2-pin "L" jack

**MA 27-M**
**C1130**
Microphone with PTT, compatible with Midland G15/G18. 2-pin "L" jack

**MA 31-M**
**C732.06**
Microphone with pneumatic earpiece, compatible with Midland G15/G18. 2-pin "L" jack

## EARPHONES ONLY LISTENING TOURISTIC USE (1 USE)
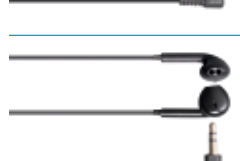
**C1209**
Earphone double ear pavilion, 3,5mm

**C1209.01**
Earphone mono, 2,5mm

**C987.01**
Earphone mono, 2,5mm

**C1243**
Iphone style earphone, mono, 3,5mm

**C1282**
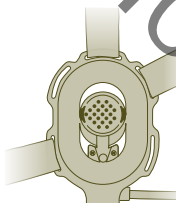Iphone style earphone, double ear pavilion, 3.5 mm

**C1324**
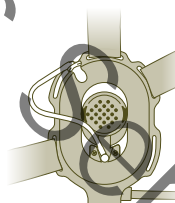Earphone, double ear pavilion, cable length 140 cm, 3.5 mm

# EARPIECE ACCESSORIES FOR SOFTGUNNERS

Action Line accessories stand out for their hard-wearing design, technical specifications, practicality and quality of materials. The Action Line is not compatible with Vox functions.



Speaker

Air tube earpiece

## TO LISTEN WITHOUT BEING HEARD

Military headset with detachable boom microphone (it can be worn on the right or on the left), tactical PTT and dual sound system (traditional speaker or air tube earpiece).

**BOW-M EVO**
**C1046.02**
**2-Pin Midland**

**BOW-M EVO K**
**C1046.03**
**2-Pin Kenwood**

**ABM TACTICAL**
**C855.01**
Earpiece microphone with adjustable arm and tactical PTT
**2-Pin Midland**

**A21M**
**C858**
Earpiece microphone with standard PTT. **2-Pin Midland**

**PTT+CLIP MIDLAND FOR BOW-M**
**C1088**
**2-Pin Midland**

**PTT+CLIP KENWOOD FOR BOW-M**
**C1088.01**
**2-Pin Kenwood**

**EP21**
**C859**
Earpiece 3,5mm jack socket
(not compatible with Midland 777).

LISTENING ONLY

**ACTION LINE ACCESSORIES**

# SAVE PHACE TACTICAL MASKS

## DOPE SERIES

Voodoo Magic C1058.05    Diablo C1058.06    Ghost Stalker C1058.07

**SPECIFICATIONS:**
Polycarbonate thermal pane clear lens with AF/AS/UV coating
Material: tough, durable high impact plastic;
interior: standard foam (not replaceable)
Adjustable strap with sure grip technology
Forehead protector and visor included
Awesome custom SP exclusive graphic design

## OU812 SERIES

Flesh Phace C1058.09    Carnage C1058.10    Lazarus C1058.11

**SPECIFICATIONS:**
Material: specially formulated high impact plastic;
interior: plush replaceable, washable and interchangeable foam.
Adjustable strap with sure grip technology Visor and cloth stuff sack included

## SO PHAT SERIES

War Lord C1058.15    Boo C1058.17    Digi C1058.18

**SPECIFICATIONS:**
Polycarbonate lens with AF/AS/UV coating
Material: specially formulated high impact plastic;
interior: soft plush replaceable, washable and interchangeable foam
Adjustable strap with sure grip technology
Included: visor, forehead protector, cloth stuff sack,
1 clear lens and 1 additional replacement
Colored lens

## DISS SERIES

Intimidator C1058.02    Scar Phace C1058.04

**SPECIFICATIONS:**
Polycarbonate thermal pane clear lens with AF/AS/UV coating
Material: high impact special formulated plastic;
interior: "plush" foam (not replaceable)
Adjustable strap with sure grip technology
Forehead protector and visor included

## MARKS A LOT SERIES

Sharpie C1058.13    Assassin C1058.14

**SPECIFICATIONS:**
PC single pane clear lens with AF/AS/UV coating
Material: high impact plastic; interior: sweat absorbent,
replaceable, washable and interchangeable foam
Comes in one color-bone; can be air brushed or painted
Forehead protector and nice stuff bag included

## ACCESSORIES

Clear thermal lens
**C1059**

Dark smoked thermal lens
**C1059.01**

Yellow thermal lens
**C1059.02**

Mirrored yellow lens
**C1059.04**

RWI (Replaceable/Washable/Interchangeable) foam **C1060**

## WALKIE TALKIE ACCESSORIES

# HI-FI STEREO HEADPHONES, CHARGERS

## DESKTOP CHARGERS

| | | |
|---|---|---|
| | **R73713**<br>Double desktop charger<br>**Attention: to be used only with R73168 wall charger.** | **G7 Pro** |
| | **R73579**<br>Double desktop charger | **Midland 777**<br>**Onda** |

## MULTIPLE DESKTOP CHARGERS
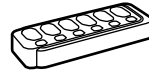
| | | |
|---|---|---|
| | **MULTI CA PB-BR03**<br>C1353<br>6+6 position multicharger | **BR03** |
| | **MULTI CA PB-BR02**<br>C1295<br>6 position multicharger *NEW* | **BR02** |
| | **MULTI CA PB-G15**<br>C1251<br>6 position multicharger | **Midland G15, G18, Arctic** |
| | **MULTI CA PB-G10**<br>C1218<br>6 position multicharger | **Midland G10** |
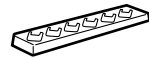
## WALL CHARGERS

| | | |
|---|---|---|
| | **MW904**<br>C689<br>Wall charger | **G9/G9 Plus, G7XT/Pro, G6XT, G5XT, G8, M24-48-99** |
| | **MW905**<br>C887<br>Wall charger | **Midland/Alan777, Onda, Midland G12, G5 R1, Pacific** |
| | **R71968**<br>Wall charger with double jack | **Midland/Alan777, Onda** |

Subzero is a Hi-Fi stereo headset with waterproof fabric on the outside and warm eco fur lining, integrated into a cosy adjustable ear warmer system to be worn on the back of the neck. Answer your phone calls and listen to music with great sound quality.
Also available in the summer version, SubzeroSun, with breathable fabric on the outside and fresh cotton on the inside. **Included in the package:** cable with microphone and Command/Answer function for mobile phones or Play/Pause for music (iPod, iPhone, MP3 and the best mobile phones), cable with microphone and PTT for connection to 2-Pin Midland transceivers.

**WINTER SUBZERO**
Colours available for the winter:
Black — C936.03
Camouflage — C936.07
Yellow — C936.08
Black leather — C936.13
Black pierced fabric — C936.19

**SUBZERO SUN FOR THE SUMMER SEASON**
Colours available in a pierced fabric:
Black — C936.17
Orange — C936.18

*RADIO ACCESSORIES*

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# POWER, ADAPTERS

RADIO ACCESSORIES

## BATTERIES

**PB-PRO**
C1148
1200mAh Li-Ion rechargeable
battery pack
*Midland G7 Pro*

**PB-X6**
C1300
3,6V 700 mAh Ni-MH
rechargeable battery pack
*XT-50/60*

NEW

**PB-X7**
C1301
3,6V 1000 mAh Ni-MH
rechargeable battery pack
*XT-70*

NEW

**PB-BR01**
R74611
2800mAh Li-Ion rechargeable
battery pack
*BR-01*

NEW

**PB-BR02**
C1305
1800mAh Li-Ion rechargeable
battery pack
*BR-02*

NEW

**PB-BR03**
R01916
2300mAh Li-Ion rechargeable
battery pack
*BR-03*

NEW

**PB D-200**
C1265
1800mAh Li-Ion rechargeable
battery pack
*Midland D-200*

**PB G6/G8**
C881
800mAh Ni-MH rechargeable
battery pack
*Midland G8, G6, M24/48/99-S*

**PB-ATL/G7**
C784
800mAh Ni-MH rechargeable
battery pack
*Midland G7, G9, Pacific*

**PB-777**
C783
650mAh Li-Ion rechargeable
battery pack
*Midland/Alan 777 and Onda*

**PB-G10**
C1126
1200mAh Li-Ion rechargeable
battery pack
*Midland G10*

**R74421**
1200mAh Li-Ion rechargeable
battery pack
*Midland G10 Mimetic*

**PB-G11**
C967
1600mAh Li-Ion rechargeable
battery pack
*Midland G11*

**PB-G15/18**
C1128
1600mAh Li-Ion rechargeable
battery pack
*Midland G15/ G18/Arctic*

**PB200/400**
C846
1200mA Li-Ion rechargeable
battery pack
*Midland G14*

**BATTERY ELIMINATOR**
C1406
Battery eliminator with power
supply cable (cigarette lighter
plug)
*Midland G15 Midland G18 Arctic*

NEW

## CIGARETTE LIGHTERS

**AL777**
C803
Cigarette lighter power lead
*Midland/ Alan777, Midland G5 R1, G12, Pacific*

**ALG7**
C814
Cigarette lighter power lead
*Midland G9, G8, G7, G6, G5XT*

## ADAPTER

**C829**
To ensure the compatibility of all
equipment with 1-pin - 2,5mm
stereo equipment with 2-pin
accessories.
*Midland G5/777*

# VHF/UHF

## MICROPHONES

**R73725** — CT 510

Microphone with earpiece

**See other earpieces/ microphones with 2-pin Kenwood accessory socket, page 55**

## DESKTOP CHARGERS

**CA-CT 790** — CT 790
R72767
Quick desktop charger with wall adapter

**R73642** — CT 510
Desktop battery charger (to be used with the USB cable, code R73644)

**R74116** — CT890
Quick desktop charger with wall adapter

## CABLES

**R73644** — CT 510
USB cable

**CLONING CABLE** — CT 710 / CT 890 / CT590 / CT690
R73727
It allows the transfer of data/ settings from one radio to another (not included)

## BATTERIES

**PB-AA890** — CT 890
C1212
Empty battery pack to charge 5 AA battery (not included)

**PB200/400** — CT 200/400 / CT 210/410/710
C846
7,4Vcc - 1200mAh Li-Ion rechargeable battery

**R73645** — CT 510
1300mAh Li-Ion rechargeable battery pack

**PB CT 890** — CT 890
C1172
2600mAh Li-Ion rechargeable battery pack

# PROFESSIONALS

## MICROPHONES

**MK35-K** — HM35, HM70
G1003.01
Microphone with keypad

## SPEAKER

**AU25E** — HM35, HM70, HM06
T681.01
External speaker max. 5W

## REMOTE CONTROL

**G1016** — HM35, HM70
Remote control kit including 5 m extension lead with connectors, brackets, screws.

## CHARGER

**RC45** — HP450-2A
G1066
Quick desktop charger

## BATTERIES

**BP0518** — HP06, HP70, HP446 extrà
G811.03
1800mAh Ni-MH rechargeable battery

**BP08** — HP08
G1192
1600mAh Li-Ion rechargeable battery

**BP 4522** — HP450 2A
G1068
2200mAh Li-Ion rechargeable battery

# WALKIE TALKIE, PROFESSIONALS, VHF/UHF RADIO ACCESSORIES

## ANTENNAS, ADAPTERS

### WALKIE TALKIE ANTENNAS

**G7 FLEX**
**C646.01**
Flex antenna with adapter. Length: 35cm. For Midland **G7 line, G8, G9, G14, G11, G15, G18**

**R72770**
Short antenna. Length: 9 cm For Midland **G11, G14, G15, G18**

**R73197**
Long antenna. Length: 16 cm For Midland **G11, G14, G15, G18**

### PROFESSIONAL ANTENNAS

**HA105-LB1**
**G885.01**
Antenna 136-146MHz
**For HP105**

**HAUN-VM**
**G952**
Antenna 150-161MHz
**For HP 06/35**

**HAUN-VH**
**G953**
Antenna 161-174 MHz
**For HP06/35**

### ADAPTER

**51640**
**Adapter**
SMA (male)/BNC (female) compatible with **CT510/CT710/CT890/G15/G18/G11V/D-200/ARCTIC**

**58610**
**Adapter**
SMA (female)/BNC (female) Compatible with **CT790/CT590/CT690/G10**

### VHF/UHF ANTENNAS

**ANT710**
**C1051**
For CT510, CT710, CT890

**R74455**
For CT690, CT590, CT790, CT200, CT400

**RH-707 FLEX**
**C635**
Flex-Tilt

**RH-701**
**C634**
Flex

**RH-771**
**C637**
Flex

**RH-775**
**C638**
Telescopic

**RH-779**
**C640**
Telescopic-Tilt

**RH-519**
**C641**
Super Flex

**RH-536**
**C644**
Super Flex

**SRH-536**
**C646**
Super Flex-SMA

**SRH-701**
**C645**
Super Flex-SMA

# BLUETOOTH, USB/LIGHTER RECHARGE

## ADAPTERS AND WIRELESS HEADSETS

**WA-DONGLE M C1199.02**
Bluetooth adapter for Motorola
2-pin radio

**WA-DONGLE K C1199.01**
Bluetooth adapter for Kenwood
2-pin radio

**WA-CB**
**C1276**
Bluetooth mini-adapter for M-10,
M-20, M-Mini

**WA MIKE**
**C1263**
Bluetooth microphone

**WA21**
**C1201**
Bluetooth headset microphone with
PTT for WA-DONGLE/WA-CB

**WA29**
**C1203**
Bluetooth headset microphone
with neckband and PTT for
WA-DONGLE/WA-CB

**WA31**
**C1202**
Bluetooth microphone with air tube
earpiece and PTT for
WA-DONGLE/WA-CB

## ADAPTERS, USB CHARGERS

**MP-H 2USB**
**C1195**
Dual USB DIN 12V adaptor
(hooking handlebar). Input: DC 12V;
Output: DC 5V/2A

**ERCLP04U**
Power supply kit with DIN adapter
(BMW) for handlebar with dual
USB port - Output: 5V/3.3A

**MP-W ADAPTER**
**C1197**
12V cigarette lighter/Din adapter
(BMW)

**KIT243**
12V power supply with cigarette
lighter socket and hook to fix it to
the handlebar

**C1348**
**Ua-Hella Micro 2A charger with
USB SOCKET**
Fitted with DIN, BMW-compatible
socket

**C1349**
**Ua-Hella A8 iPhone charger**
Fitted with DIN, BMW-compatible
socket

## MIDLAND WIRELESS "WA" ACCESSORIES

The Midland Wireless "WA" range of accessories allows to use any Midland transceiver (fitted with 2 Pins) wireless. All devices have a rechargeable lithium battery, with USB cable for charging.

**The WA series includes:**
· **WA-DONGLE Bluetooth Adapter for 2-pin radio, including Kenwood/Motorola;**
· **Mini-WA-CB Bluetooth Adapter for M-10, M-20, M-Mini:** when connected to the portable or vehicular transceiver socket, you can choose the most suitable WA Series earphone according to your needs.
· **Bluetooth earphones WA21/WA31/WA29:** each earphone comes with a small PTT. With the WA Series earphones you can also pair any Bluetooth-equipped phone.
· **WA-MIKE Bluetooth Microphone:** communicating with your CB wirelessly (up to a distance of 10 meters)

*RADIO ACCESSORIES*

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## WALKIE TALKIE OVERVIEW TABLES

| MODEL | XT10-XT30 | XT50-XT50 ADVENTURE | XT60 | XT70-XT 70 ADVENTURE |
|---|---|---|---|---|
| Band | PMR446 | PMR446 | PMR446-LPD (Dual-band) | PMR446-LPD (Dual-band) |
| Channels | 8 + 8 pre-programmed | 8 + 16 pre-programmed | 8 + 16 pre-programmed 69 LPD | 8 + 16 pre-programmed 69 LPD |
| CTCSS and DCS | 38 CTCSS | 38 CTCSS | 38 CTCSS | 38 CTCSS |
| Vox | 1 sensitivity level | 3 sensitivity levels | 9 sensitivity levels | 9 sensitivity levels |
| Power supply | 3 AAA Ni-MH rechargeable batteries | 3 AAA rechargeable batt. or 700mAh battery pack | 3 AAA rechargeable batt. or 700mAh battery pack | 3 AA rechargeable batteries or 1000mAh battery pack |
| Autonomy 5/5/90 | Up to 5h (XT30) | Up to 12h | Up to 12h | Up to 17h |
| Display | Multifunction back-lit LCD | Multifunction back-lit LCD | Multifunction back-lit LCD | Multifunction back-lit LCD |
| Transmission power | 500 mW ERP | 500 mW ERP | 500 mW ERP | 500 mW ERP |
| Operating temperature | -20° +55°C | -20° +55°C | -20° +55°C | -20° +55°C |
| Weight (without batteries) | XT10: 73 g; XT30: 75 g | 93 g | 112 g | 113 g |
| Size (WxHxD) | XT10: 48x85x30 mm XT30:48x90x32 mm | 54x103x33 mm | 54x120x33 mm | 58x120x33 mm |
| Connections | Audio accessories and USB socket (XT30) | Audio accessories and USB socket | Audio accessories and USB socket | Audio accessories and USB socket |
| Accessory socket type | 2 pin (only XT30) | 2 pin | 2 pin | 2 pin |
| Compatible wall charger | R73487 | R73487 | R73487 | C1254 |

| MODEL | MIDLAND G5 C | MIDLAND G7 PRO | MIDLAND G9 PRO | MIDLAND G10 |
|---|---|---|---|---|
| Band | PMR446 | PMR446-LPD (Dual-band) | PMR446-LPD (Dual-band) | PMR446 |
| Channels | 8 + 16 pre-programmed | 8 PMR446/69 LPD | PMR446+16 progr/69 LPD | 8+8 pre-programmed |
| CTCSS and DCS | 38 CTCSS | 38 CTCSS/104 DCS | 38 CTCSS, 104 DCS | 51 CTCSS, 83 DCS |
| Vox | 3 sensitivity levels + talk back | 6 sensitivity levels | 3 sensitivity levels + talk back | - |
| Power supply | 3 AAA Ni-MH rechargeable batteries | 800mAh/1200mAh Li-Ion (opt) battery pack or 4 AA rechargeable batteries | 4 AA 1800mAh rechargeable batteries or 4 AA alkaline batteries (opt) | Li-Ion 1200mAh battery pack |
| Autonomy 5/5/90 | Up to 35h with alkaline batteries | Up to 18h with 800mAh battery pack | 23h with 4 batteries (1800mAh) | 16h |
| Display | Multifunction back-lit LCD | Multifunction back-lit LCD | Multifunction back-lit LCD | - |
| Transmission power | 500 mW ERP | PMR446 500/10mW ERP (high/low) LPD 10mW | PMR446 500/10mW ERP (high/low) LPD 10mW | 500mW ERP |
| Operating temperature | -20° +55°C | -20° +55°C | -20° +55°C | -20° +55°C |
| Weight (without batteries) | 74 g | 123 g | 114 g | 121 g |
| Size (WxHxD) | 50x85x25 mm | 58x122x34 mm | 68x120x35mm | 114x58x33 mm |
| Connections | Socket for audio accessories, charger | Socket for audio accessories, charger | Socket for audio accessories, charger | Socket for audio accessories |
| Accessory socket type | 2 pin | 2 pin | 2 pin | 2 pin Kenwood |
| Compatible wall charger | MW904 | MW904 | MW904 | desktop charger only |

# WALKIE TALKIE OVERVIEW TABLES

| MODEL | MIDLAND G11V | MIDLAND G15 | MIDLAND G18 | MIDLAND GB 1-R |
|---|---|---|---|---|
| **Band** | PMR446 | PMR446 | PMR446 | PMR446 |
| **Channels** | 8+8 pre-set sub-channels | 8+8 pre-set channels | 8+91 pre-set channels | 8+91 pre-set channels |
| **CTCSS and DCS** | 50 CTCSS, 105 DCS | 50 CTCSS, 105 DCS | 50 CTCSS, 105 DCS | 50 CTCSS, 104 DCS |
| **Vox** | 9 sensitivity levels | 9 sensitivity levels | 9 sensitivity levels | - |
| **Power supply** | 1600mAh Li-Ion rechargeable battery pack | 1600mAh Li-Ion rechargeable battery pack | 1600mAh Li-Ion rechargeable battery pack | 12Vdc +/-10% |
| **Autonomy 5/5/90** | 22h | 22h | 22h | - |
| **Display** | - | - | Multifunction back-lit LCD | Multifunction back-lit LCD |
| **Transmission power** | 500mW ERP | 500mW ERP | 500mW ERP (high/low) | ≤ 500mW ERP |
| **Operating temperature** | -20° +55°C | -20° +55°C | -20° +55°C | -20° +55°C |
| **Weight (without batteries)** | 209 g | 192 g | 240 g | 220 g |
| **Size (WxHxD)** | 112x58x34 mm | 100x58x33 mm | 113x56x38 mm | 100x85x22 mm |
| **Connections** | Socket for audio accessories | Socket for audio accessories | Socket for audio accessories | Socket for external speaker |
| **Accessory socket type** | 2 pin Kenwood | 2 pin Motorola | 2 pin Motorola | 3.5 mm mono |
| **Compatible wall charger** | desktop charger only | desktop charger only | desktop charger only | - |

| MODEL | MIDLAND ONDA | BR01 | BR02 | BR03 |
|---|---|---|---|---|
| **Band** | wireless radio mike 472÷474 MHz | PMR446 | PMR446 | PMR446 |
| **Channels** | 100 | 8 + 8 pre-programmed | 8 + 8 pre-programmed | 8+91 pre-programmed |
| **CTCSS and DCS** | - | 50 CTCSS/232 DCS | 38 CTCSS/104 DCS | 50 CTCSS/104 DCS (N) 104 DCS (I) |
| **Vox** | - | - | - | 10 sensitivity levels |
| **Power supply** | 3,7V 650mAh Li-Ion rechargeable battery pack | 2800mAh Li-Ion rechargeable battery pack | 1800mAh Li-Ion rechargeable battery pack | 2300 mAh rechargeable battery pack |
| **Autonomy 5/5/90** | Up to 8h | Up to 37h | Up to 24h | 33h |
| **Display** | Multifunction back-lit LCD | - | - | Dynamic LED matrix |
| **Transmission power** | 2mW ERP | 500mW ERP | 500mW ERP | 500 mW erp |
| **Operating temperature** | -10° +45° C | -20° +55°C | -20° +55°C | -20 +55° |
| **Weight (battery included)** | 58 g | 101 g | 126 g | 83 g |
| **Size (WxHxD)** | 42x86x16 mm | 57x117x33 mm | 57x117x33 mm | 57x126x28mm |
| **Connections** | Socket for audio accessories, wall charger | Socket for audio accessories | Socket for audio accessories | Socket for audio accessories and USB |
| **Accessory socket type** | 1 pin – 2,5 mm stereo | 2 pin Kenwood | 2 pin Kenwood | 2 pin Kenwood |
| **Compatible wall charger** | MW905 | USB cable | desktop charger only | C1254 |

**PMR446 equipment** operates on frequencies of up to 446 Mhz (8 channels) and have 500mW transmission power. **Dual band equipment** also operate on the LPD band of up to 433 Mhz (69 channels), with 10 mW transmission power; free use of channels 1 to 20. Both the PMR446 and the Dual band are subject to a general authorisation according to current legislation. Once purchased, two simple bureaucratic procedures must be fulfilled, an annual contribution of 12 euros paid, and a notice sent by recorded delivery to the Regional Inspectorate of the Ministry for Communication.

# VHF/UHF RADIO OVERVIEW TABLES

| MODEL | CT590S | CT 890 | CT990 |
|---|---|---|---|
| Frequency | 144-146MHz 430-440MHz | 144-146MHz 430-440MHz | 144-146MHz 430-440MHz |
| Operating temperature | -20°-+55° | -20°-+55° | -20°-+55° |
| Voltage supply | 7.4V | 7.4V | 7.4V |
| Operating mode | Simplex or Semi-duplex | Full duplex | Simplex or Semi-duplex |
| Size (whitout antenna) | 115×58×35,5mm | 125x61x40mm | 140x60x35mm |
| Weight (battery included) | 230g | 278g | 310g |
| Antenna impedance | 50Ω | 50Ω | 50Ω |
| Use cycle | 5/5/90 | 5/5/90 | 5/5/90 |
| Transmitter | | | |
| Frequency stability | ±2.5PPM | ±2.5PPM | ±2.5PPM |
| Output power | VHF: 5W UHF:5W | VHF: 5W UHF:5W | 10W (UHF/VHF) |
| Max. frequency deviation | 5KHz | 5KHz | 5KHz |
| Audio distortion | ≤ 3% | ≤ 3% | ≤ 3% |
| Receiver | | | |
| RF sensitivity | < 0.2µV | < 0.2µV | < 0.2µV |
| Audio distortion | ≤ 3% | ≤ 3% | ≤ 3% |
| Audio response | 300Hz ÷ 3KHz | 300Hz ÷ 3KHz | 300Hz ÷ 3KHz |

| MODEL | CT3000 | CT2000 |
|---|---|---|
| Frequency | 144-146MHz 430-440MHz | 144-146MHz 430-440MHz |
| Operating temperature | -20°-+55° | -20°-+55° |
| Voltage supply | 12.6V | 12.6V |
| Operating mode | Simplex or Semi-duplex | Simplex or Semi-duplex |
| Size (without antenna) | 115x43x125mm | 115x43x125mm |
| Weight (battery included) | 809g | 858g |
| Antenna impedance | 50Ω | 50Ω |
| Use cycle | 5/5/90 | 5/5/90 |
| Transmitter | | |
| Frequency stability | ±2.5PPM | ±2.5PPM |
| Output power | 25W (UHF/VHF) | 25W (UHF/VHF) |
| Max. frequency deviation | 5KHz | 5KHz |
| Audio distortion | ≤ 3% | ≤ 3% |
| Receiver | | |
| RF sensitivity | < 0.2µV | < 0.2µV |
| Audio distortion | ≤ 3% | ≤ 3% |
| Audio response | 300Hz ÷ 3KHz | 300Hz ÷ 3KHz |

| MODEL | ARCTIC |
|---|---|
| Channels | 57 international |
| TX frequency coverage | 156.025 - 157.425 MHz |
| RX frequency coverage | 156.300 - 162.000 MHz |
| Operating temperature | from –15°C to +55°C |
| Size (WxHxD) | 115 x 55 x 37mm |
| Weight (transceiver only) | 230 g |
| Accessory socket type | Motorola 2,5mm/3,5mm |
| Programmable | Via software (PRG-G15) |
| Water protection grade | IP67 |
| Transmitter | |
| Output power | 1W or 5W selectable |
| Frequency stability | ±2.5PPM |
| Audio distortion | ≤ 3% |
| Receiver | |
| Sensitivity 20dB Sinad | 0,3 µV |
| Audio output power | 300mW @ 10% THD |
| Audio distortion | < 10% |

# CAMERAS

**DASH CAM**
**ACTION CAM**

# BIKE *GUARDIAN*
## MOTORCYCLE CAMERA

**Full HD 1080**

CYCLE RECORDING

WIDE ANGLE 120°

RAINPROOF IP54

1920X1080P (27FPS)

RAINPROOF

**Bike Guardian**, the new motorcycle camera with **FullHD** resolution, designed and made to be another "eye" that records everything that happens while you are riding.
**Highly useful in the event of an accident to prove who was involved and who was to blame Bike Guardian** is the first motorcycle camera with continuous recording.
Connected to the motorcycle USB socket with the cable supplied, **it starts recording automatically when the bike is switched on and turns itself off when it is switched off**.
**Bike guardian** can be used also as a traditional **action cam** and, thanks to its integrated battery, allows up to 2 hours recording.
Integrated microphone and speaker.

## RAINPROOF
Bike Guardian is able to withstand bad weather, mud and dust, ensuring a video without interruptions. Even the cable, which connects the camera to the bike socket, is rainproof.

## PACKAGING AND CODES
Camera, lock mount, handlebar mount, bi-adhesive flat mount, bi-adhesive curved mount, quick mount, screw, GO-PRO adaptor, strap mount, USB cable, USB rainproof cable, wrist belt.
**code C1415**

# STREET GUARDIAN *FLAT*
## CAR CAMCORDER

**Full HD 1080**

| | | | | |
|---|---|---|---|---|
| WI-FI | BLACK BOX | CYCLE RECORDING | WIDE ANGLE 130° | MOTION SENSOR |
| PARKING FUNCTION | 1920X1080P (30FPS) | 12 MP | | |

**INCLUDES 2 ADHESIVE SUPPORTS**

**VERY THIN** 92x69x33mm

REAL SIZE

*DASH CAM*

**Street Guardian Flat** is the thin **FullHD** camera with a discreet design for those who want to feel safe while driving, thanks to **video recordings complete with sounds**, without giving up a clean windscreen with complete vision.
**Integrated microphone and speaker.**
It connects to the cigarette lighter socket via the 12 V cable and can be easily installed on two cars, thanks to the adhesives included in the package.

## WI-FI
It is possible to use the Wi-fi to place the camera and set it up during the assembly/ installation on the car.
The Wi-fi also allows the review and download of the clips directly onto the smartphone without having to connect the camera to a PC (thus avoiding removal from the vehicle).
Recommended apps: FinalCam and LuckyCam.

## BLACK BOX AND MOTION DETECTION
The Black Box function makes the camera save and automatically protect the clips in case of an accident. The Motion Detection function allows the camera to start recording every time it detects a motion in the viewing range (requires the camera to be powered).

## PARKING FUNCTION
The parking function enables the camcorder to automatically start recording whenever it detects a collision. No more unpleasant surprises for your parked car!

## PACKAGING AND CODES
Camcorder, **2 adhesive supports**, cable with 12V cigarette lighter socket, USB cable to connect to a PC.
**code C1409**

# STREET GUARDIAN *GPS+*
## CAR CAMCORDER WITH BUILT-IN GPS

**Full HD 1080**

**BLACK BOX**

**CYCLE RECORDING**

**WIDE-ANGLE 160°**

**MOTION DETECTION**

**WITH GPS**

**1920X1080P (30FPS)**

**12 MP**

REAL SIZE

**Street Guardian GPS +** is the car camcorder with **built-in GPS** that identifies geographically every second of your route on a dedicated map, containing the **coordinates of all recordings**. Safety is therefore guaranteed not only by video and audio recordings (with integrated speaker and microphone) but also by monitoring the route.
Quick to install, it is placed in the centre of the windscreen thanks to the handy suction cup and connects to the power supply with the 12 V cigarette lighter socket.

## BLACK BOX AND MOTION DETECTION

Like the other Street Guardian models, it is equipped with Black Box technology, which automatically saves and protects videos in the event of an accident and with Motion Detection, that starts recording any external movement within the camera range.

## POSITION SIGNALLING

The built-in GPS indicates the location where you are, the speed you are going to and follows you step by step along the way.

## PACKAGING AND CODES

Camcorder, suction cup mount with GPS, 12 V cigarette lighter socket, USB cable for PC connection.
**code C1284.01**

# STREET GUARDIAN *DUAL*
## DUAL CAR CAMCORDER

**Full HD 1080**

| | | | | |
|---|---|---|---|---|
| BLACK BOX | NIGHT VISION 4 IR LED | CYCLE RECORDING | WIDE ANGLE 150° OUT+120° IN | MOTION DETECTOR (OUT) |
| WITH GPS | 1920X1080P (OUT) 1920X1080P (IN) | 12 MP | | |

REAL SIZE

**DASH CAM**

**TWO CAMERAS RECORDING WHAT IS HAPPENING IN AND OUT THE CAR.**
**IDEAL FOR TAXIS AND PUBLIC TRANSPORT.**

The **Street Guardian Dual** is double; in fact it has **two cameras**, to film what is happening inside and outside the car. Designed to record automatically even without light, it is equipped with Night Vision technology and 4 infrared LEDs (the latter for internal shooting). **Integrated microphone and speaker.**

### BLACK BOX AND MOTION DETECTION
In case of an accident, the Black Box function automatically saves the videos. The Motion Detection function uses the vision range to start recording any movements outside the car.

### GPS
The built-in GPS indicates the location where you are and follows you step by step along the way.

### PACKAGING AND CODES
Camcorder, suction cup mount with GPS, 12V cigarette lighter socket, USB cable for PC connection.
**code C1285**

# TRUCK GUARDIAN *WIRELESS*
## TRUCK AND CARAVAN VIDEO-SURVEILLANCE SYSTEM

**WIRELESS UP TO 150M**

**IP67 (CAMERA)**

**7" MONITOR**

**NIGHT VISION12 IR LED**

**CYCLE RECORDING**

**WIDE-ANGLE 120°**

**2/24V DUAL SUPPLY**

**REMOTE CONTROL**

**VIDEO RESOL. 800X480P (60FPS)**

**CONNECT UP TO 4 CAMERAS**
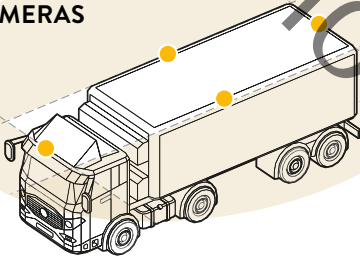
**SYSTEM SUITABLE FOR VEHICLES FOR THE TRANSPORT OF ANIMALS**

**Truck Guardian Wireless** is the camera for trucks and caravans, designed and made to help during manoeuvres and to record what is happening around you.
Highly useful when reversing and in the event of an accident to prove causes and responsibilities.

## WIRELESS
Wireless technology makes installation extremely easy, as camera and monitor do not need to be connected. Just find a 12 or 24V power source. If you want to add an additional camera (up to 4), simply power it and it will automatically be coupled to the monitor.

## 7" MONITOR AND REMOTE CONTROL
The large wireless monitor with recorder located inside the truck cabin, is equipped with a remote control, to control the monitor functions remotely.

## NIGHT VISION THAT IS NOT AFRAID OF BAD WEATHER
The water resistant (IP67) video camera has a 120° viewing angle and it is equipped with 12 infrared LEDs for night viewing, which light up automatically

## CYCLIC RECORDING
Cyclic recording allows to record continuously from one to four cameras even simultaneously.

## PACKAGING AND CODES
**Truck Guardian Wireless**
Monitor, camera, power cable with cigarette lighter socket (for monitor), power cable (for video camera), 3 Wi-Fi antennas (2 for monitor, 1 for video camera), remote control, sunshade frame, mounting support.
**code C1331**

**Additional wireless truck camera**
Camera, power cable, Wi-Fi antenna.
**code C1332**

# OVERVIEW

| MODEL | BIKE GUARDIAN | STREET GUARDIAN DUAL | STREET GUARDIAN FLAT |
|---|---|---|---|
| Resolution | 1920x1080p (27fps) | Front 1920x1080p Back: 1920x1080p | 1920x1080p (30fps) |
| Sensor | Sony 2 MP | 4 MP/2 MP | 2 MP |
| Aspect Ratio | 16:9 | 16:9 | 16:9 |
| Format | MOV | MP4 | MP4 |
| Lens | - | 7 elements - 5 elements | 6 elements |
| Lens angle | 120° | 160° - 120° | 130° |
| Sd Card | 128 GB (Class 10) | 128 GB | 32 GB |
| Battery | 680mAh up to 180' | Only for finalizing video files | Only for finalizing video files |
| Wi-Fi | No | No | Yes |
| Photo | 2 MP | 12 MP | 12 MP |
| Tripod mount | Yes | No | No |
| Weight | 78g | 87g | 72g |
| Dimensions (WxHxD) | 86mm Ø27mm | 102x42x42mm | 92x69x33mm |
| Operating systems | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ |

| MODEL | STREET GUARDIAN GPS+ | TRUCK GUARDIAN WIRELESS | |
|---|---|---|---|
| | | Monitor | Camera |
| Resolution | 1920x1080p | 800x480 | 756x504 |
| Sensor | 3 MP | - | CMOS |
| Aspect Ratio | 16:9 | 16:9 | 16:9 |
| Format | MOV | - | - |
| Lens | 6 elements | - | - |
| Lens angle | 160° | - | 120° |
| Sd Card | 64 GB | 128 GB | - |
| Battery | Only for finalizing video files | - | - |
| Wi-Fi | No | 2.4 GHz encrypted transmission | 2.4 GHz encrypted transmission |
| Photo | 12 MP | - | - |
| Tripod mount | No | Support bracket | Support bracket |
| Weight | 70g | 430g | 500g |
| Dimensions (WxHxD) | 88x48x34mm | 180x125x25mm | 85x50x40mm |
| Operating systems | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ | |

DASH CAM

# MIDLAND *H9*
## THE NEW 4K ACTION CAM

**4K HDR**
**ULTRA HD**

| | | | |
|---|---|---|---|
| WI-FI | SUBMERSIBLE CASE 30M | 2" LCD DISPLAY | VIDEO/PHOTO |
| TIME LAPSE PHOTO | TIME LAPSE VIDEO | WIDE ANGLE 170° | |



**H9** is an extra-slim camera with a compact design and excellent resolution: **Real 4K**! **H9** can record films with resolution up to 4K@30fps; moreover the built-in chipset Ambarella guarantees the best ever videos! Thanks to the Panasonic sensor, H9 can take high quality photos up to 14MP.

## DISPLAY LCD 2" INTEGRATED
H9 has an integrated display for framing and easily adjusting settings as well as reproducing photos and videos.

## TIME LAPSE
It produces exceptional videos with advanced features: Photo Time Lapse (sequence of photos at a set time interval) and Time Lapse Video (creates accelerated videos).

## REMOTE CONTROL
It is equipped with a 2.4 Ghz wrist wireless remote control, its buttons enable the switch on and off of the camera and to take videos and photos.

## WATERPROOF CASE 30M
The submersible case supplied protects the action cam from water up to a depth of 30 meters, but also from mud and dust.

## WI-FI
Thanks to the built-in wi-fi and high-performance chipset, H9 connects to smartphones and tablets to watch again and share films and photos with the dedicated "Midland H9" App (iOS and Android).

## PACKAGING AND CODES
Camera, 30m waterproof case, remote control, 3.7V/1000mAh Li-ion battery pack, frame (to be used without case), curved base, flat base, 2 quick-release couplings, 90° support, handlebar support, clamp, USB cable, screw, screw coupling.
**code C1405**

# MIDLAND *H5+*
## UHD BEST SELLER

**ULTRA HD**

| WI-FI | SUBMERSIBLE CASE 30M | 2" LCD DISPLAY | VIDEO/PHOTO |
|---|---|---|---|

| CAR DVR | TIME LAPSE | WIDE ANGLE 140˚ | ALL ACCESSORIES IN THE PACKAGE |
|---|---|---|---|

The very small dimensions, weight - only 60 gr. - practicality and 3840x2160@25fps resolution make H5+ perfect for the needs of all athletes and outdoor enthusiasts.

## BUILT-IN 2" LCD DISPLAY
Midland H5+ introduces the integrated display for framing, adjusting easily the settings and playing video and photos.

## CAR DVR FUNCTION
Fitted with Cycle recording, it can be easily installed in the car and record continuously what is happening while you drive.

## TIME LAPSE
Produces exceptional videos with advanced Time Lapse function (photo sequence at a time interval).

## WIDE-ANGLE
Fitted with 140° wide-angle lens for excellent videos.

## 30M SUBMERSIBLE CASE
The submersible case supplied protects the action cam from water up to a depth of 30 meters, but also from mud and dust.

## WI-FI
Midland H5+ thanks to built-in wi-fi connects to smartphones and tablets to see, watch again, and share movies and photos with the dedicated App "Ez i Cam" (iOS and Android).

## PACKAGING AND CODES
Camera, submersible case 30 m, coloured front, 1050 mAh Li-ion battery pack, USB cable and 20 elements to be combined to create the mounting solution that best suits your needs (ex: helmet support, bicycle helmet, etc)
**code C1208.02**

*ACTION CAM*

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# MIDLAND *H360 SMART*
## THE 360° SOCIAL ACTION CAM

**Full HD 1080**

**ROUNDIE VIEW**    **VIRTUAL REALITY READY**    **ANDROID (OTG)**

**Live a 360° social experience** with the action cam that, via built-in USB, connects directly to your smartphone and allows you to film your best moments, sharing them in real time. 360 ° cameras are the vanguard among the latest action cams and allow you to shoot in full immersion and share your favorite moments. **Live Facebook and YouTube with your smartphone with only 40mm more.**

### 360 ° FULL HD FOR BEAUTIFUL VIDEOS
With a maximum resolution of 2048x1024@25fps which guarantees you excellent quality videos.
It is necessary to download the dedicated «EZ-PANO» APP, available on Play Store.

H360 SMART is compatible with Android phones with USB OTG (On-The-Go) function. Photos and videos in Sphere and Little Planet modes.

### FEATURES
· Weight: 36g, diameter: 40mm
· Compatible Android models: **Samsung** Note 4/Note 5/Note8/J5/J7/S6/S7/ S7 Edge/ S8/S8 Plus/A8/A9/ C5 Pro/C7 Pro/C9 Pro. **LG** G3/G4/G5/G6/V10/V20/V30/ Stylo 3Plus. **Sony** Z3/Z5/ XZ/ XZs/ XA1/ XA. **Huawei** Honor 6/Honor 7/Mate S/ Mate 8/Mate 9/P8/P8 Lite/P9/P10. **HTC** M8et/M8t/A9W/10/One M9+/One M9/ One M8/U11. **Asus** ZenFone 3/ZenFone Zoom/ZenFone Selfie/ZE553KL/ZC521TL/ ZE552KL/ZU680KL/Zs550KL/Zs570KL/

X005/X008. **Google** Pixel XL/Pixel/Nexus 5X/Nexus 6P. **ZTE** ZMAX Pro/BladeV8/V7 Max/A910 ZTE7/ZTE7 Max. **Motorola** Moto Z Droid/Moto Z Force Droid/G Plus/G. **Xiaomi** Mi: Mi3S/Mi4/Mi5/Mi5S/Mi Max / Note 1/Note 3/Note 4. **Oppo** R9/R9s/R11. **Nubia** Z11. **Lenovo** ZUK. **Meizu** M1 Metal. Download the updated list from: **midlandeurope.com**

### PACKAGING AND CODES
H360 SMART videocamera, Micro USB/Type C connector.
**code C1338**

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# ACTION CAM ACCESSORIES

## KIT

**H5**

**ACC-H5**
**C1245**
Accessory set

**H3**

**ACC-H3**
**C1244**
Accessory set

## REMOTE CONTROLS

**H9**

**R01487**
Remote control suitable for H9

*NEW*

**H7**
**H7+**

**RC-H7/H7+**
**C1248**
Remote control suitable for H7, H7+

**H180**
**H360**

**RC-H180**
**C1320**
Remote control suitable for H180, compatible with H360

## SURFACE

**H SERIES GO PRO**

GO PRO

**TURNABLE HOOK 360°**
**C1268**
Rotating hook mount 360° for base with double-sided tape

**H3**
**H5/H5+**
**H7/H7+**
**H9**
**GOPRO**

**BASIC**
**C1273**
Base fixing system (4 pieces)

GO PRO

**XTC400**
**XTC450**

**BASIC**
**C1108**
Base fixing system (4 pieces)

**XTC400**
**XTC450**

**MINISPIDER**
**C1109**
Small base with 3M adhesive and 45° slide

**XTC400**
**XTC450**

**SPIDER**
**C1110**
Large base with 3M adhesive and 45° slide for surf/snowboard

**XTC280**
**XTC270**

**HELMET MOUNT**
**C990**
Bi-adhesive helmet mount.

**XTC280**
**XTC270**

**SURF SNOW BOARD MOUNT**
**C1038**
270° Adjustable ABS and stainless steel mount with safety device to be fixed to a surfboard or snowboard

## WEARABLE

**XTC400**
**XTC450**

**BELT MOUNT**
**C1111**
Belt mount

**XTC400**
**XTC450**

**VENTED HELMET MOUNT**
**C1112**
Bicycle helmet mount

**XTC400**
**XTC450**

**HEAD STRAP MOUNT**
**C1113**
Headband mount

**XTC400**
**XTC450**

**GOGGLES MOUNT**
**C1114**
Mount for goggles (ski, motocross)

**XTC280**
**XTC270**

**GOGGLES MOUNT**
**C989**
Mount for goggles (ski, motocross)

**ALL***

**CAP MOUNT**
**C1012**
Cap mount

*ACTION CAM*

**ACTION CAM**

| | | |
|---|---|---|
| XTC280 XTC270 | | **HEAD STRAP MOUNT** **C1040** Headband mount |

| | | |
|---|---|---|
| XTC280 XTC270 | | **VENTED HELMET MOUNT** **C991** Universal Velcro band for bicycle helmet, rucksack, etc. |

**VEHICLE**

| | | |
|---|---|---|
| XTC400 XTC450 | | **HANDLEBAR MOUNT** **C1117** Mount for handlebars |

| | | |
|---|---|---|
| ALL* | | **SUCTION CAP MOUNT C980.01** Suction mount for cars and motorcycles for stable recording on a vehicle, ideal for smooth (bodywork) and rough surfaces (dashboard) |

| | | |
|---|---|---|
| ALL* | | **HANDLEBAR MOUNT** **C992** Mount for handlebars and tubes |

**PROFESSIONAL/RAM**

| | | |
|---|---|---|
| ALL* | | **RAM ROLL BAR MOUNT** **C1042** Professional mount for tubular handlebar with a diameter from 1 to 3 cm |

| | | |
|---|---|---|
| ALL* | | **RAM MOTO QUAD MOUNT** **C1052** Professional mount suitable for all vehicles with tubes with a diameter from 3 to 6 cm |

**TACTICAL/WEAPONS**

| | | |
|---|---|---|
| XTC400 XTC450 | | **PICATINNY MOUNT** **C1118** Mount for rifles and guns with Picatinny Rail |

| | | |
|---|---|---|
| XTC280 XTC270 | | **PICATINNY MOUNT** **C1039** Mount for rifles and guns with Picatinny Rail |

| | | |
|---|---|---|
| ALL* | | **UNIVERSAL RIFLE MOUNT** **C1064.01** Universal mount for rifles |

| | | |
|---|---|---|
| ALL* | | **BOW MOUNT** **C1068** Bow mount **TREE MOUNT** **C1062** Tree mount |

**POD**

| | | |
|---|---|---|
| ALL* | GO PRO | **XT-POD** **C1116** Multicam Monopod – Aluminum body (18cm) |

| | | |
|---|---|---|
| ALL* | GO PRO | **XT-POD 2S** **C1116.01** Telescopic multicam 2-section Monopod 100% Carbon fiber (80cm) |

| | | |
|---|---|---|
| ALL* | GO PRO | **XT-POD 3S** **C1116.02** Telescopic multicam 3-section Monopod 100% Carbon fiber (112cm) |

**ADAPTERS**

| | | |
|---|---|---|
| H SERIES, GO PRO GO PRO | | **TRIPOD MOUNT** **C1270** Adapter for GOPRO. *This adapter allows to use all screw-type accessories with H series action cams* |

| | | |
|---|---|---|
| XTC400 XTC450 | | **TRIPOD MOUNT** **C1120** Side adapter to transform any screw mount into a side attachment |

| | | |
|---|---|---|
| XTC280 XTC270 | | **TRIPOD MOUNT** **R73161** Side adapter to transform any screw mount into a side attachment |

| | | |
|---|---|---|
| XTC SERIES H180 H360 | | **GOPRO ADAPTER** **101854** This adapter allows the use of GOPRO mounts with XTC MIDLAND cameras |

## SUBMERSIBLE CASES/LENS KIT

| | | |
|---|---|---|
| H9 | **WPC-H9** R01488 Submersible case 30 m | *NEW* |
| H5+ | **WPC-H5+** C1335 Submersible case 30 m | |
| H5 H3 | **WPC-H5** C1247 Submersible case 30 m | |
| H7+ | **WPC-H7+** C1336 Submersible case 30 m | |
| H360 | **WPC-H360** C1319 Submersible case 30 m | |
| H180 | **R74447** Submersible case 30 m | |
| XTC400 XTC450 | **CC-XTC400** C1121 Submersible case 85 m | |
| XTC300 | **CC-XTC300** C1031 Case with flat lens, up to 60 m | |
| XTC280 XTC270 | **CC-XTC280** C976.01 Case with flat lens, up to 60 m | |

| | |
|---|---|
| XTC SERIES | **ANTI CONDENSATION INSERTS** C1171 18 inserts and one humidity indicator |
| XTC300 | **LENS KIT** C1074 camera lens, spherical lens, flat lens 60 m of case and seals |
| XTC300 | **FLAT LENS** R73453 60 m flat lens |

## BATTERIES

| | |
|---|---|
| H3 H5 H5+ H9 | **PB-H5** C1246 900 mAh 3,7V Li-Ion battery pack |
| H7+ | **R74538** 1050 mAh Li-Ion battery pack |
| H180 | **R74537** 1000 mAh Li-Ion battery pack |
| XTC400 XTC450 | **BATTERY** C1124 1700 mAh 3,7V Li-Ion battery pack |
| XTC280 XTC270 | **BATTERY** R72963 900 mAh Li-Ion battery pack |

\*  Compatible with action cam H series using Tripod Mount Adapter C1270

# OVERVIEW

| MODEL | H9 | H5+ | H360 SMART |
|---|---|---|---|
| Resolution | 4K (30fps) | 4K (25fps) - 2,7K(30fps) - 1920 x 1080p(60fps) | 2048x1024 (25fps) |
| Sensor | Panasonic 14 MP | 4 Mp | 2 Mp |
| Aspect Ratio | 16:9 | 16:9 | 2:1 |
| Format | MP4 | MOV | H.264 - MP4 |
| Lens | 7 elements | - | 6 elements |
| Lens angle | 170° | 140° | 220° x 2 |
| Sd Card | 64 GB | Up to 32 GB | - |
| Battery | 1050 mAh, up to 90 minutes | Li-Ion 1050 mAh, up to 90 minutes | - |
| Wi-Fi | Yes | Yes | - |
| Photo | 14 MP | 12 Mp (interpolated) | 2 Mp |
| Tripod mount | No | No | - |
| Weight | 65 | 58g | 36g |
| Dimensions (WxHxD) | 58x41x30mm | 59,3x41x30mm | Ø 41 |
| Operating systems | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ | Win XP, SP2, Vista 7&8, Mac OSX 10.4+ | Android 5.0 or superior, OTG Function support |

ACTION CAM

# ENER*JUMP MINI*

## JUMP STARTER 12V - POWER BANK

**BATTERY CABLES**

**USB PORT**

**CURRENT PEAK 400A**

**CAPACITY 6000MAH**

**100L LED FLASHLIGHT**

**BATTERY LEVEL**

17x8.1x1.7 cm: EXTRA THIN!

**SMART JUMP START SYSTEM: WITH INTELLIGENT CLAMPS**

**Your energy reserve when you don't have the Battery you deserve.**
**Jump Starter for cars, bikes, ATV, etc..:**
Enerjump Mini is small but powerful enough to start vehicles fitted with a 12V battery **(3000cc petrol / 2000cc diesel).**
**The power bank suitable for all devices with a USB plug:** Enerjump Mini has 1 USB socket to recharge smartphones, tablets, cameras, MP3 readers, etc.

Thanks to its capacity (**6000mAh**) it recharges your iphone up to 2 times.

### SMART JUMP START SYSTEM™
Enerjump Mini is fitted with Smart Jump Start System™ that allows automatic detection of the battery charge, protection against short circuits and polarity reversal.

### LED TORCH AND CHARGE INDICATOR
Enerjump is fitted with a powerful LED 100L torch and charge indicator (4 signaling levels).

### PACKAGING AND CODES
Enerjump Mini, starting clamps with "Smart jump start system",USB/microUSB cable.
**code C1355**

# ENER*JUMP*

## JUMP STARTER 12V - POWER BANK

**BATTERY CABLES**

**USB PORT**

**CURRENT PEAK 400A**

**CAPACITY 8000MAH**

**LED FLASHLIGHT**

**BATTERY LEVEL**

13x7,5x2,5cm: IT FITS IN YOUR POCKET!

**The power bank suitable for all devices with a USB plug:** Enerjump has 1 USB socket to recharge smartphones, tablets, cameras, MP3 readers. etc. Thanks to its capacity (**8000mAh**) it recharges your iphone up to 3 times. Enerjump starts vehicles with 12 V battery (3000cc petrol / 2000 cc diesel).

### LED TORCH AND CHARGE INDICATOR
Enerjump is fitted with a powerful LED torch and charge indicator.
In an emergency also a luminous SOS can be launched.

### PACKAGING AND CODES
Enerjump, starting clamps, car 12V battery, wall supply, USB/microUSB cable, soft case.
**code C1184**

JUMP STARTER – POWER BANK

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# ENER*JUMP WORK*

## JUMP STARTER 12V - POWER BANK

**BATTERY CABLES**

**USB PORT**

**CURRENT PEAK 600A**

**CAPACITY 18000MAH**

**LED FLASHLIGHT**

**BATTERY LEVEL**

SIZE: 23x8,7x2,7cm

The power bank and jump starter for **vans, Off-road vehicles**, etc...
**Enerjump Work** is ideal for work vehicles with 12V battery **(5000cc petrol / 3000cc diesel)**.

### IT SIMULTANEOUSLY RECHARGES 2 DEVICES WITH USB

Enerjump Work has 2 USB sockets that simultaneously recharge portable devices, such as smartphones, tablets, cameras, MP3 readers, etc. Thanks to its capacity (18000mAh) it recharges your iPhone up to 6 times. Enerjump Work also has a 12 V socket to supply fridges and other car accessories and a 19V socket to recharge your laptop. Enerjump Work is fitted with a powerful LED torch and charge indicator.
In an emergency also a luminous SOS can be launched.

### SMART JUMP START SYSTEM™

Enerjump Work is fitted with Smart Jump Start System™ that allows automatic detection of the battery charge, protection against short circuits and polarity reversal.

### PACKAGING AND CODES

Enerjump Work, starting clamps with Smart Jump Start System™, car 12V battery, wall supply, USB/microUSB cable, Notebook connector set, semirigid case.
**code C1184.01**

# ER 300
## EMERGENCY POWER BANK



**AM/FM RADIO**

**POWER SOURCE DYNAMO CRANCK**

**POWER SOURCE SOLAR PANEL**

**LED FLASHLIGHT**

**CHARGE THE DEVICE WITH USB**

**BATTERY UP TO 25 HOURS**

**DOG WHISTLE FOR RESCUE TEAMS**

**SOLAR PANEL**



AM/FM Radio



Dynamo recharge



Charge the device with USB port

**ER300** is a powerful powerbank capable of recharging portable devices and an **emergency device** equipped with an AM/FM receiver, designed for emergency situations, disasters and safety in which keeping in touch is essential. **ER300** is a versatile solution also for everyday use, for outdoor activities, camping or in leisure time. Rechargeable via dynamo, solar panel, batteries and USB socket. With ultrasonic call for dogs, torch.

**Frequency:** 531-1629KHz (AM)
87,5-108MHz (FM)
**Colour:** Red/Black

## FEATURES
- 4 power sources: dynamo crunk, solar panel, internal Li-Ion 2000 mAh battery pack or simply rechargeable batteries
- It charges external electronic devices with USB port
- Power bank with long life rechargeable battery 3,7Vdc Li-Ion 2000 mAh, lasting up to 25 hours of normal use
- It also works with 6 AA battery (not included)
- Powerful flashlight with Cree® led 130L*
- SOS Morse code flashlight beacon
- Ultrasonic dog whistle useful for rescue teams
- AM/FM radio
- Digital clock
- Headphone jack
- Telescopic antenna
- Wide, bright LCD with backlight

## PACKAGING AND CODES
Radio, 2000 mAh Li-Ion battery pack, USB/micro USB cable
**code C1173**

\* Cree® is a registered trademark of Cree Inc

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# INTERCOM



**MIDLAND**®

# 13 YEARS OF INTERCOM COMMUNICATION.

Since 2006 Midland has specialized in intercom devices improving motorcycle communication. After the launch of the rivolutionary firmware MWE in 2018, which erases background noice, Midland introduces an important **innovation in 2019**.



**Midland Mesh Conference™** is the technology that allows a perfect intercom communication in full duplex up to 10 people at the same time.
Each user can exit from the conversation and join it again whenever he desires, through an automatic connection with the complete group without "chains".



# BT MESH.

## THE INTERCOM WITH MMC™ TECHNOLOGY

**Communication up to 10 people** in full duplex.
Up to 1.4 km.
Compatible with every Midland model via Bluetooth.
Compatible with other brand models through the **Universal Intercom function.**

# MIDLAND INTERCOM RANGE

| FEATURES | | BT MESH | BT NEXT PRO UR | BTX2 PRO |
|---|---|---|---|---|
| | Mesh Full duplex | Up to 10 people | - | - |
| | Conference | - | 4 bikes (8 people) | 4 people |
| | One to One Midland | 3 people | 4 people | 4 people |
| | One to One Universal Intercom | 1 person | 2 people | 1 person |
| | Unlimited communication with BTT Button | - | Yes | - |
| | Range | 1400 m | 1600 m | 1000 m |
| | Music share | Yes | Yes | Yes |
| | Emergency stop light | - | Yes | Yes |
| | FM Radio | Yes | Yes | Yes |
| | Mobile connection | 2 | 2 | 2 |
| | Waterproof | IPX6 | IPX6 | IPX6 |
| | BT SET APP | Yes | Yes | Yes |
| | Voice messages | Yes | Yes | Yes |
| | Stereo background | Yes | Yes | - |
| | Helmets compatibility | All | All | All |
| | Battery life | 23 h | 23 h | 23 h |
| | AGC Automatic volume control | Yes | Yes | Yes |
| | Single pack code | C1412 | C1222.04 | C1231.02 |
| | Twin pack code | C1412.01 | C1222.05 | C1231.03 |

INTERCOM

| | BTX1 PRO | BTX1 FM PLUS | BT GO UNI | BT GO JET |
|---|---|---|---|---|
| | - | - | - | - |
| | - | - | - | - |
| | 2 people | 2 people | 2 people | 2 people |
| | 1 person | 1 person | - | - |
| | - | - | - | - |
| | 300 m | 10 m | 200 m | 200 m |
| | Yes | - | - | - |
| | Yes | - | - | - |
| | Yes | Yes | - | - |
| | 2 | 2 | 1 | 1 |
| | IPX6 | IPX4 | IPX6 | IPX6 |
| | Yes | Yes | - | - |
| | Yes | Yes | Yes | Yes |
| | - | - | - | - |
| | All | All | modular and integral helmets | Jet helmets |
| | 23 h | 10 h | 8 h | 8 h |
| | Yes | Yes | - | - |
| | C1230.02 | C1142.04 | C1310.01 | C1310 |
| | C1230.03 | C1142.05 | - | - |

# MIDLAND®

## ANNIVERSARY 1959-2019 | 60 YEARS

**MIDLAND**, born in 1959 in a small factory in Kansas City, is today world leader in the radiocommunication and consumer electronics.

**CTE International** became part of Midland history in the 1970s thanks to an European commercial strategy and, in the 1990s, by acquiring a significant share of the American company, contributing to the brand success, all over the world.

A Group composed by over **15 branches and strategic partners**, and a network in over 90 countries, all under the leadership of the **Italian Headquarters**, based in Reggio Emilia.

It is the heart of Research and Development Department that has been carryng on the mission with a  strong commitment:
*"To realize a world where communicating is easy, fun and approachable to everybody"*.

Midland produces with passion products of quality, technologically innovative. Products that respond to the real need of all of us: to communicate.

**A success that has been going on for 60 years.**

## A HISTORY OF INNOVATION

| 1977 | 1998 | 2008 | 2013 | 2018 |
|---|---|---|---|---|
| 1ST APPROVED CB ON THE EUROPEAN MARKET | 1STST LPD WALKIE-TALKIE DESIGNED IN THE WORLD | 1ST BIKE TO BIKE INTERCOM IN THE WORLD | 1ST WI-FI ACTION CAM WITH REMOTE CONTROL | 1ST DIGITAL CB MIKE |

# MIDLAND GROUP

USA
**Midland Radio Corporation**
Kansas City
www.midlandusa.com

ITALY
**Cte International**
Reggio Emilia
www.midlandeurope.com

Germany
**Alan Electronics**
Dreieich
info@alan-electronics.de
www.alan-electronics.de

Spain
**Midland Iberia**
Barcelona
info@alan.es
www.midland.es

France
**Alan France**
Ennery
infos@alanfrance.fr
www.alan-midland.fr

Bulgaria
**Alan Telecommunication**
Sofia
alan.bulgaria@me.com
www.midlandeurope.com

Poland
**Alan Telekomunikacja**
Warsaw
info@alan.pl
www.alan.pl

Romania
**SC Online Shop**
Piatra Neamt
comenzi@statie-radio.ro
www.statie-radio.ro

Russia
**Alan-Sviaz**
Moscow
info@midland.ru
www.midland.ru

Japan
**Links Of Japan**
Osaka
info@midlandradio.jp
www.midlandradio.jp

United Kingdom
**Alan – Nevada UK**
Portsmouth
sales@nevada.co.uk
www.nevadaradio.co.uk

Turkey
**DNS**
İstanbul
ocagman@dnsticaret.com
www.dnsonlineshop.com

Greece
**Cobra Center Ltd**
Athens
techdep@cobra-center.gr
www.cobra-center.gr

Australia
**AudioXtra International**
Sydney
info@audioxtra.com.au
www.audioxtra.com.au

Israel
**SHCHORI Cellular Communication**
Tel-Aviv
info@midland.co.il
www.midland.co.il

# WARRANTY

All our products are covered by a 24-month warranty, as long as they are sent to our **Technical Service Centres** together with the tax receipt.
Contact our **Authorised Retailer** who will tell you where the nearest **Service Centre** is located.

**N.B.** we accept returns of material only if carriage paid and with the **Sales Dept's** (0522 509411), **Customer Technical Service Dept's** (0522 509535) or
**Intercoms Dept.'s** (0522 509446) **prior authorization.** The lack of said authorization will cause the products to be immediately returned to the sender.

# CERTIFICATIONS

**ETSI:** CTE International is a credited member of ETSI - the European Telecommunications Standards Institute - which it helps define standardised technical specifications for telecommunication products and services.

**ISO 9001 2015:** for the design, production and installation of telecommunication systems and equipment for industrial, military, civil, marine and consumer use.

**ANITEC-ASSINFORM:** CTE International is part of the ANIE Federation research and innovation commission, a member of Confindustria and represents the electro-technical and electronic businesses operating in Italy.

**CTE INTERNATIONAL srl**
Via R. Sevardi 7 - 42124 Reggio Emilia - Italy
Tel. +39 0522 509411 • info@midlandeurope.com
**www.midlandeurope.com**

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**AVIONIC SERVICE GmbH / Srl**
L.-Galvani-Str. 6/E Via L. Galvani | I-39100 Bozen / Bolzano
Tel. +39 0471 506 963 | Fax +39 0471 921 418
info@avionic-service.eu | avionic@pec.it | www.avionic-service.eu