



THE NEW LOUD



**CAR HIFI
2018**



MAC AUDIO – THE NEW LOUD!

Mac Audio – THE NEW LOUD! Loud! Modern! Striking! Mac Audio products turn hi-fi into an experiences. Whether at home in the living room and party room or on the road in the car – we accompany you with the most modern and innovative components for absolute power sound!

Car hi-fi has been our passion for 35 years and forms the basis of the fervour, obsession, huge knowledge and unbridled zest of our Mac Audio engineers, repeatedly facilitating new stages of development and sometimes revolutionary levels

of top sound in your car! Mac Audio is striking! With high-quality, reliable state-of-the-art products. With stylish looks and boundless power! In addition, the Mac Audio portfolio stands for problem-free installation, maximum flexibility and the perfect price/performance ratio. Our priority of providing performance at all times is reflected in all our products. From amplifier to moniceiver and the accessory range with cables.



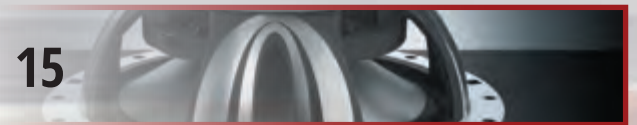
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GOLF 7 GTI PERFORMANCE



„THE NEW LOUD“ - THE NEW MAC AUDIO GOLF 7 GTI

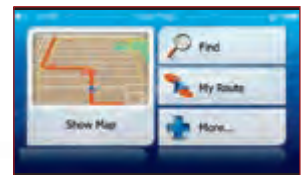
turns the world of Tuning- and Audio-Fans upside down!

The new Golf GTI 7 Performance – converted and optimized by Mac Audio – leverages 300 PS onto the road. It also produces a full 3.500 watt music power out of the Mac Audio high standard components. Three powerful high performance amplifiers ignite ten speakers. The result is a brutal power-sound with maximum bass-reserves and pure dynamic. The components create a tonal masterpiece inside the Golf 7 GTI Performance and mark the current top rankings in the field of Car Audio! The base are three amplifiers of the reliable Titanium series.

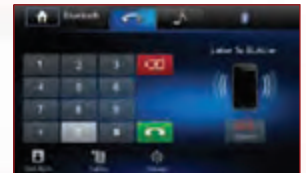
In order to convert the high electrical currents into moving air only high quality components will be used. The foundation are passive sub-woofers with a generously dimensioned 300 mm membrane: two Mac Audio Pro Charger 130! Anyway, the highlight is the Two-Ways Compo-Systems „Überkraft 2.16“ (Überkraft stands for excessive mighty power) - the name of the exceptional new speakers reflects the extreme high endurance and maximum acoustic pressure for the absolute „Über-Sound“ (stands for sound over the top). When the volume reaches club level, it remains entirely authentic and natural.

MAC 620

2 DIN 6.2" WIDESCREEN MULTIMEDIA RECEIVER



Digital maps sold separately
„MAC SD 600 NAV“



Bluetooth® hands-free profile via
internal and Audio Streaming



Mini USB, 3,5 mm A/V IN and
SD card slot at the front

Bluetooth® 160 Watt max. | NAV Ready

The MAC 620 multimedia receiver with its widescreen 16 cm TFT monitor with LCD touch screen and LED back light is designed for installation in a 2 DIN slot and offers an operating system with an intuitive user interface thanks to Windows 6.0 CE. The display is equipped with a 4-way dimmer and automatic blackout function for optimum adjustment to the current ambient light conditions. An MTK Bluetooth® hands-free system with an internal microphone guarantees

comfortable and reliable telephone use. The Bluetooth® function also enables wireless music enjoyment thanks to A2DP audio streaming. The sound reproduction can be adjusted individually with the help of the 10-band equaliser with 6 preset and one user-defined EQ curve. The MAC SD 600 NAV navigation map is available separately for those who do not want to do without GPS navigation. The SD card slot needed for this is located in the front panel of the MAC 620.

HIGHLIGHTS

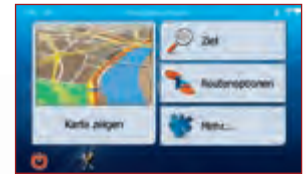
- 16 cm/6,2" digital TFT monitor with LCD touchscreen and LED Backlight
- Multimedia DVD/CD/MPEG4/Xvid/MP3 Player
- Micro SD card "MAC SD 600 NAV" with digital maps sold separately
- MTK Bluetooth® hands-free profile via internal and separate microphone and Audio Streaming (A2DP/AVRCP)
- FM/AM tuner with RDS functions (AF (Alternative Frequencies), CT (Clock Time), EON (Enhanced Other Networks), PS (Program Service), PTY (Program Types), RT (Radio Text), TA (Traffic Announcement), TP (Traffic Program))
- 10-Band Equalizer with 6 preset + 1 user-defined EQ curves
- Subwoofer Control
- Composite Video output at the rear side for connection of an additional monitor
- Media inputs (Mini USB /3.5 mm A/V connector) on the front side
- SD card slot at the front side
- 5 Line Audio outputs
- Video input for Rear Camera mode (normal & mirror image), automatic switch on of Rear Camera mode
- Freely programmable SWC adapter, connection by optional adapter
- Display with 4x dimmer and Auto Blackout function
- Windows 6.0 CE real-time operating system with intuitive graphical interface



MAC SD 600 NAV
NAV Ready: Micro SD card
with digital maps sold
separately

2 DIN 6.8" WIDESCREEN MULTIMEDIA-RECEIVER

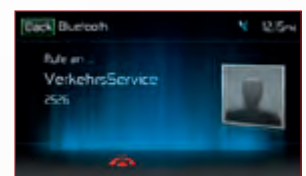
MAC 520 DAB



Digital maps sold separately
„MAC SD 600 NAV“



DAB+ tuner with
DAB/RDS switching



Bluetooth® hands-free operation
with external microphone and audio
streaming (A2DP/AVRCP)

Bluetooth® DAB+ | 6,8" Widescreen | NAV Ready

TFT display in widescreen format, DAB+ tuner and total power output of 200 watts: The MAC 520 DAB multimedia receiver from Mac Audio is convincing thanks to touch-screen control with excellent operating convenience and a high degree of flexibility. The multimedia receiver demonstrates its versatility directly with the reliable function as a hands-free system combined with Bluetooth and an external microphone. Audio files from a smartphone can also be played back in the car in wireless mode via the sound system. In addition

to the Bluetooth connection, which allows up to 5 devices to be paired, the new MAC 520 DAB receiver also offers the possibility to connect a USB storage device and play back both music as well as photo and video files. Those who don't want to do without a stationary navigation system in their car can turn the MAC 520 DAB into a fully-fledged naviceiver with the MAC 500 NAV-SET, which is available separately.

HIGHLIGHTS

- 17 cm/6.8" digital TFT monitor with LCD touch screen and LED backlight
- Multimedia audio/video decoder:
- MP3, AAC, WAV, WMA/MPEG1, MPEG2, MPEG4, H.264, AVI, FLV, JPEG, PNG, GIF
- NAV ready: Navigation possible with separately available navigation kit MAC 500 NAV-SET
- Bluetooth® hands-free operation with external microphone and audio streaming (A2DP/AVRCP)
- Automatic linking of up to 5 mobile phones
- DAB+ tuner with DAB/RDS switching
- FM/AM tuner with RDS function
- AF (Alternative frequencies), CT (Clock Time), EON (Enhanced Other Networks), PS (Programme Service), PTY (Programme Type), RT (Radio Text), TA (Traffic Announcements)
- 10-band equalizer
- Subwoofer Control
- Rear composite video output for connecting an additional monitor
- Rear USB 2.0 input with 500 mA charge current (32 GB max)
- Rear A/V composite input
- 5 line audio high level outputs 2V/200 ohms
- Video input for rear view camera (normal and opposite hand), automatic switch-on of rear camera mode
- Power output: 4 x 50 watts, total power output: 200 watts
- Freely programmable Steering Wheel Control (SWC) to be connected via optionally available adapter
- Display with dimming function (4 settings) and auto blackout function
- Windows 6.0 CE real-time operating system with intuitive user interface

Nav Ready:
Navigation possible
with separately available
Navigationskit
„MAC 500 NAV-SET“



MAC 310

1 DIN 7" WIDESCREEN MULTIMEDIA RECEIVER



Multimedia-DVD/CD-Player with high compatibility



Bluetooth® hands-free operation with separate microphone and audio streaming



iPod/iPhone - music list view



160 Watt max.

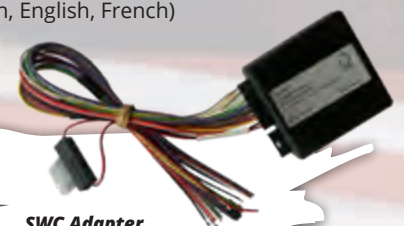
The MAC 310 from Mac Audio is a compact 1 DIN receiver with a retractable, extra thin 7" display. The high-gloss front of the 17.8 cm TFT monitor with touch screen and LED back light delivers strong colours and ensures perfect readability from any viewing angle. The Mac 310 supplies connected loudspeakers with 4 x 40 watts and therefore offers a maximum total output of 160 watts. Equipped with a Bluetooth® hands-free feature and external microphone, you can also use it conveniently and comfortably for calls with

your smartphone. Up to 5 mobile phones can be tethered to the MAC 310 without the connection having to be constantly re-established. Bluetooth® Audio Streaming also allows you to enjoy music in the car in wireless mode. Remote control via the steering wheel is possible with an optional adapter, with a video input also provided for a reversing camera with automatic switching to the rear view camera.

HIGHLIGHTS

- High gloss front
- Extra thin display
- 17.8 cm/7" TFT monitor with touchscreen and LED backlight
- Multimedia DVD/CD/Xvid/MP3 player
- Bluetooth® hands-free operation with separate microphone and audio streaming (A2DP/AVRCP)
- Linking of up to 5 different mobile phones
- Made for iPod/made for iPhone
- Media input (USB 2.0/3.5 mm A/V female connector) with 1.0 A charging rate
- FM/AM tuner with RDS function AF (Alternative Frequencies), CT (Clock Time), EON (Enhanced Other Networks), PS (Programme Service), PTY (Programme Type), RT (Radio Text), TA (Traffic Announcements)
- Subwoofer control (level, X-over)
- Programmable 3-Band equalizer with 6 preset and 1 user-defined equalizer curves
- Programmable volume control for all audio sources

- Composite A/V input on the back
- Composite video output on the back to connect an additional monitor
- 5 line audio outputs (2x front, 2x rear and subwoofer)
- Video input for rear view camera mode (normal and opposite hand), automatic switch-on of rear camera mode
- Power output: 4 x 40 watts, total power output: 160 watts
- Freely programmable Steering Wheel Control (SWC) to be connected via optionally available adapter
- Remote control
- Multi language OSD (German, English, French)



SWC Adapter

SWC Ready: Freely programmable Steering Wheel Control (SWC) to be connected via optionally available adapter

We recommend: SWC Adapter (Dietz)

MAC SD 600 NAV

- Navigation software for MAC 620
- High-Definition-Navigation-System iGo Primo 2 with TMC
- Maps for 44 European countries
- 15 TTS languages (Text to Speech, announcement of road names)
- Navigation mix mode
- Latest Map Guarantee, map update on www.naviextras.com
- Scope of Delivery: MicroSD card, navigation software



MAC 500 NAV SET

- Navigation software for MAC 520 DAB
- 3D-NAV-Engine-Software iGo Primo 2.4
- Maps for 44 European countries
- 15 TTS languages (Text to Speech, announcement of road names)
- Latest Map Guarantee, map update on www.naviextras.com
- Scope of Delivery: GPS antenna, TMC Module, MicroSD card, navigation software



RVC 1

REAR VIEW CAMERA

Parking problems? The RVC 1 rear-view camera makes even difficult manoeuvring child's play. Obstacles and barriers are quickly recognised thanks to the high-quality CMOS image sensor, PAL resolution of 720 x 576 pixels and an image refresh rate of 30 images per second. The 170° viewing angle ensures an excellent overview. The RVC 1 rear-view camera is compatible with all current head units and can be connected directly without an additional adapter. The large 6.2 - 7 inch screens are ideally suited to displaying the camera signal.



Housing can be laquered as required

Viewing angle 170°



	RVC 1
Imaging sensor	CMOS
Viewing angle	170°
Lens	EFL = 1,8 mm
System	PAL
PAL	720 H x 576 V
Frame rate	30 fps
Min illumination	0,2 Lux
Operating Voltage	9 V - 16 V DC
Operating Current	<150 mA
Operating temperature	-30 °C ~ +70 °C
IP rating	IP 67

ÜBERKRAFT 2.16

HIGHLIGHTS

- Solid steel basket including additional voice coil ventilation
- Injection polypropylene cone with additional reinforcement edge
- Woofer with phase plug for optimised phase-shift and additional cooling
- High power Y35 magnet system
- Long excursion rubber surround
- 25 mm silk dome tweeter
- External XO including PTC tweeter protection circuit and level adjustment
- Magnet protection cover in Mac Audio design
- Suspension and magnetic field optimised with Klippel® measurement system
- Solid hexagon protection cover with aluminium diamond-cut logo



600 Watt max.



	ÜBERKRAFT 2.16
System	2-way compo
Power handling RMS/max.	200/600 W
Impedance	4 Ω
Frequency response	28 - 26.000 Hz
SPL	91 dB
DIN-Ø	6.5"/1"
Cutting Out	142 mm/47 mm
Mounting depth	71 mm/21 mm

Star Flat

HIGHLIGHTS

- Euro Din basket for universal usage
- Low mounting depth due to Pro Flat technology
- Solid steel basket with low-resonance structured coating
- Internal high power ferrite magnet system
- Dynamic foam surround for high efficiency
- Coated Star Flat cellulose cone (woofer)
- 19 mm titanium tweeter dome (2.16, 2.13)
- Titanium-coated polycarbonate (tweeter) (16.2, 13.2, 10.2)
- Multi-part protection grille including diamond cut logo and black-rubber coating
- Separate 12 dB crossover (2.16, 2.13)

PRO FLAT TECHNOLOGY

The innovative Pro Flat technology from Mac Audio ensures a particularly low installation depth of no more than 45 mm.

min. 35 mm
max. 45 mm

Star Flat 2.13

Star Flat 2.16

Star Flat 10.2

Star Flat 13.2

Star Flat 16.2

	STAR FLAT 2.16	STAR FLAT 2.13	STAR FLAT 16.2	STAR FLAT 13.2	STAR FLAT 10.2
System	2-way compo	2-way compo	2-way coaxial	2-way coaxial	2-way coaxial
Power handling	100/300 W	80/280 W	80/280 W	70/250 W	60/200 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Frequency Response	32 – 28.000 Hz	34 – 28.000 Hz	32 – 28.000 Hz	36 – 28.000 Hz	38 – 28.000 Hz
SPL	91 dB	90 dB	91 dB	90 dB	89 dB
DIN-Ø	165 mm/19 mm	130 mm/19 mm	165 mm	130 mm	100 mm
Cutting out	143 mm/46 mm	118 mm/46 mm	143 mm	118 mm	94 mm
Mounting depth	45 mm/20 mm	42 mm/20 mm	45 mm	42 mm	35 mm

POWER STAR

- Solid steel basket including additional voice-coil ventilation
- Polypropylene cone with titanium hairline finish
- Long excursion rubber surround
- Titanium-coated tweeter/midrange cone (69.3)
- Mac Audio design magnet protection cover
- Suspension and magnetic field optimised with KLIPPEL® measurement system
- Solid hexagon protection cover with aluminium diamond-cut logo
- Titanium tweeter (2.16/2.13)/ Titanium-coated tweeter cone
- External XO including PTC tweeter protection circuit (2.16/2.13)



Power Star 2.16



Power Star 2.13



Power Star 69.3



Power Star 16.2



Power Star 13.2



Power Star 10.2

	POWER STAR 2.16	POWER STAR 2.13	POWER STAR 69.3	POWER STAR 16.2	POWER STAR 13.2	POWER STAR 10.2
System	2-way compo	2-way compo	3-way triaxial	2-way coaxial	2-way coaxial	2-way coaxial
Power handling RMS/max.	100/400 W	80/320 W	120/480 W	100/400 W	80/320 W	60/240 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Frequency response	30 - 26.000 Hz	34 - 26.000 Hz	28 - 24.000 Hz	30 - 24.000 Hz	34 - 24.000 Hz	38 - 24.000 Hz
SPL	90 dB	90 dB	91 dB	90 dB	90 dB	89 dB
DIN-Ø	165/19 mm	130/19 mm	6x9" /0.5" /2"	165/13 mm	130/13 mm	100/13 mm
Cutting Out	142/38 mm	113/38 mm	221 x 151 mm	142 mm	113 mm	94 mm
Mounting depth	57/17 mm	51/17 mm	78 mm	57 mm	51 mm	50 mm

Edition Speaker

- Multi-layer coated cellulose cone
- Light foam surround for high efficiency
- Titanium coated tweeter
- Suspension and magnetic field optimised with Klippel® measurement system
- Perfect for rear deck and door panel installation
- Solid protection cover with aluminium hairline finish
- Tweeter assembly cabinet (213/216)



Edition 216



Edition 213



Edition 693



Edition 162



Edition 132



Edition 102

	Edition 216	Edition 213	Edition 693	Edition 162	Edition 132	Edition 102
System	2-way compo	2-way compo	3-way triaxial	2-way coaxial	2-way coaxial	2-way coaxial
Power handling	60/240 W	55/220 W	65/260 W	50/200 W	45/180 W	40/160 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Frequency Response	45 - 20.000 Hz	50 - 20.000 Hz	40 - 20.000 Hz	45 - 20.000 Hz	50 - 20.000 Hz	55 - 20.000 Hz
SPL	90 dB	90 dB	91 dB	90 dB	90 dB	89 dB
DIN-Ø	165 W/13 T	130 W/13 T	6" x 9" W/2" M/ 2"/0,5 T	165 W/13 T	130 W/13 T	100 W/13 T
Cutting out	144,5 mm	114 mm	222 x 152 mm	144,5 mm	114 mm	92 mm
Mounting depth	58 mm	53 mm	76 mm	58 mm	53 mm	46 mm

APM FIRE

- Multi-layer coated cellulose cone
- Light foam surround for high efficiency
- Solid steel basket including additional voice coil ventilation
- Anodised tweeter
- Anodised midrange (69.3 & 20.3)
- Suspension and magnetic field optimised with Klippel® measurement system
- Solid protection cover with aluminium diamond cut logo
- Incl. mounting accessories for the tweeter



APM Fire 2.16



APM Fire 2.13



APM Fire 69.3



APM Fire 20.3



APM Fire 16.2



APM Fire 13.2



APM Fire 10.2

	APM FIRE 2.16	APM FIRE 2.13	APM FIRE 69.3	APM FIRE 20.3	APM FIRE 16.2	APM FIRE 13.2	APM FIRE 10.2
System	2-way compo	2-way compo	3-way triaxial	3-way triaxial	2-way coaxial	2-way coaxial	2-way coaxial
Power handling	65/260 W	60/240 W	70/280 W	70/280 W	55/220 W	50/200 W	45/180 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Frequency Response	45 - 20.000 Hz	50 - 20.000 Hz	40 - 20.000 Hz	38 - 20.000 Hz	45 - 20.000 Hz	50 - 20.000 Hz	55 - 20.000 Hz
SPL	90 dB	90 dB	91 dB	91 dB	90 dB	90 dB	89 dB
DIN-Ø	165 mm/13 mm	130 mm/13 mm	6 x 9"	200 mm	165 mm	130 mm	100 mm
Cutting out	144,5 mm	114 mm	222 x 152 mm	178 mm	144,5 mm	114 mm	92 mm
Mounting depth	58 mm	53 mm	76 mm	76 mm	58 mm	53 mm	46 mm

Mac Mobil Street

- Multi-layer coated cellulose cone
- Solid steel basket - with additional voice coil ventilation to increase the maximum power handling - with low mounting depth (2.16 F & 16.2F)
- Light foam surround for high efficiency
- Anodised tweeter in titanium style
- Additional voice coil ventilation to increase the maximum power handling (2.16 F)
- Tweeter including installation accessories, built in/on holder (2.16 F)
- Tweeter flange with acoustic EQ in Mac Audio design
- Suspension and magnetic field optimised with Klippel® measurement system T19:
- Anodized tweeter with acoustic EQ and neodymium drive
- Including universal mounting accessories



Just 42 mm

MMS 2.16 F



Just 40 mm

MMS 16.2 F



MMS 915.2



MMS 57.2



MMS 16.2



MMS 13.2



MMS 10.2



MMS 87.2

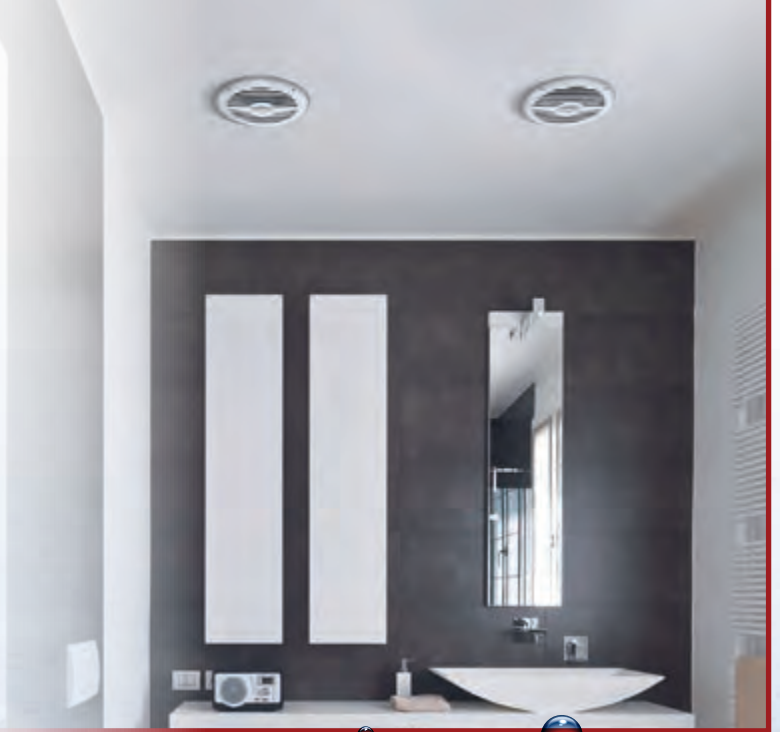


MMS T19

	MMS 2.16F	MMS 16.2F	MMS 915.2	MMS 57.2	MMS 16.2	MMS 13.2	MMS 10.2	MMS 87.2	MMS T19
System	2-way compo	2-way coaxial	2-way coaxial	2-way coaxial	2-way coaxial	2-way coaxial	2-way coaxial	2-way coaxial	0.75" tweeter
Power handling	60/240 W	50/200 W	40/160 W	50/200 W	50/200 W	45/180 W	40/160 W	35/140 W	30/120 W
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω	4 Ω
Frequency Response	40 - 21.000 Hz	43 - 21.000 Hz	46 - 21.000 Hz	39 - 21.000 Hz	38 - 21.000 Hz	41 - 21.000 Hz	46 - 21.000 Hz	52 - 21.000 Hz	38.00 - 23.000 Hz
SPL	91 dB	90 dB	89 dB	91 dB	91 dB	90 dB	89 dB	88 dB	90 dB
DIN-Ø	165/13 mm	165 mm	4 x 6"	5 x 7"	165 mm	130 mm	100 mm	87 mm	13 mm
Cutting out	142 mm	142 mm	87 x 144 mm	126 x 181 mm	142 mm	119 mm	93 mm	79 mm	
Mounting depth	42 mm	40 mm	46 mm	54 mm	55 mm	46 mm	42 mm	35 mm	
Suitable for	Alfa Romeo, Audi, BMW, Chevrolet, Chrysler, Citroen, Daewoo, Dodge, Fiat, Ford, Honda, Hyundai, Jaguar, Kia, Lancia, Mazda, Mercedes, Mini, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Skoda, Subaru, Suzuki, Toyota, Volvo, VW	Alfa Romeo, Audi, BMW, Chevrolet, Chrysler, Citroen, Daewoo, Daihatsu, Dodge, Fiat, Ford, Honda, Hyundai, Jaguar, Kia, Lada, Lancia, Mazda, Mercedes, Mitsubishi, Nissan, Peugeot, Renault, Rover, Seat, Subaru, Suzuki, Toyota, Volvo, VW	Daewoo, Fiat, Ford, Honda, Lancia, Mercedes, Nissan, Seat, Toyota, VW	Ford, Jaguar, Mazda, Seat, Skoda	Alfa Romeo, Audi, BMW, Chevrolet, Chrysler, Citroen, Daewoo, Daihatsu, Dodge, Fiat, Ford, Honda, Hyundai, Jaguar, Kia, Lada, Lancia, Mazda, Mercedes, Mitsubishi, Nissan, Peugeot, Renault, Rover, Subaru, Suzuki, Toyota, Volvo, VW	Alfa Romeo, Audi, BMW, Citroen, Dacia, Daihatsu, Fiat, Ford, Honda, Hyundai, Kia, Lada, Lancia, Mazda, Mercedes, Mitsubishi, Nissan, Opel, Peugeot, Rover, Skoda, Subaru, Suzuki, Toyota, Volvo, VW	Alfa Romeo, Audi, BMW, Chevrolet, Citroen, Daewoo, Daihatsu, Fiat, Ford, Honda, Hyundai, Kia, Lada, Lancia, Mazda, Mercedes, Mitsubishi, Opel, Peugeot, Renault, Rover, Saab, Seat, Subaru, Suzuki, Toyota, VW	Fiat, Peugeot, Saab, Seat, Volvo, VW	Universal

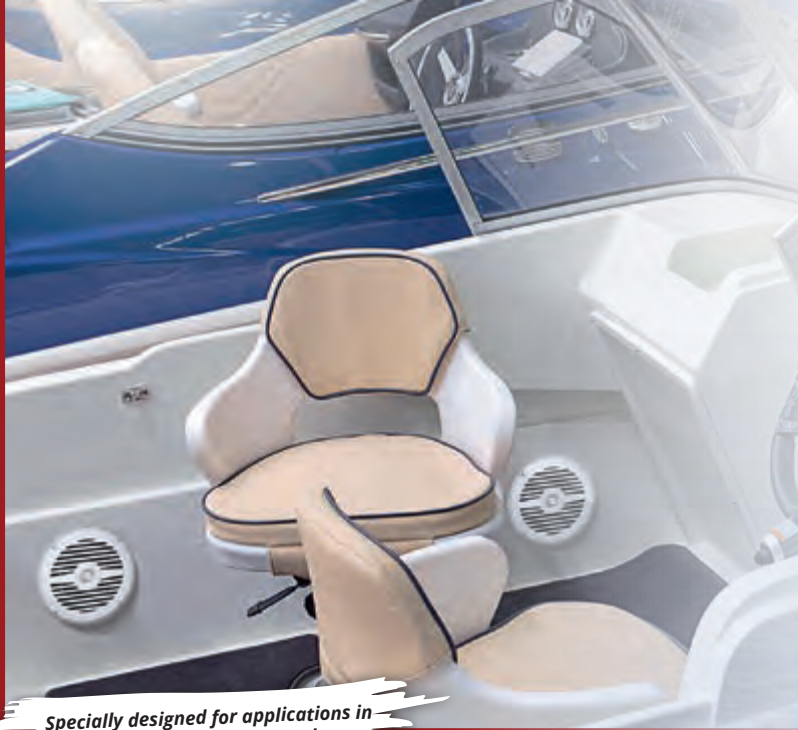
WRS

- 2 way coaxial speaker
- Specially designed for applications in the maritime sector and damp locations
- Water resistant according to standard IPX 6
- UV resistant according to standard ASTM-D4329
- Salt water resistant according to standard ASTM-B117
- Solid ABS basket
- Internal high-power ferrite magnet system
- Dynamic surround for high efficiency
- Coated polypropylene cone (woofer)
- Integrated design speaker grille

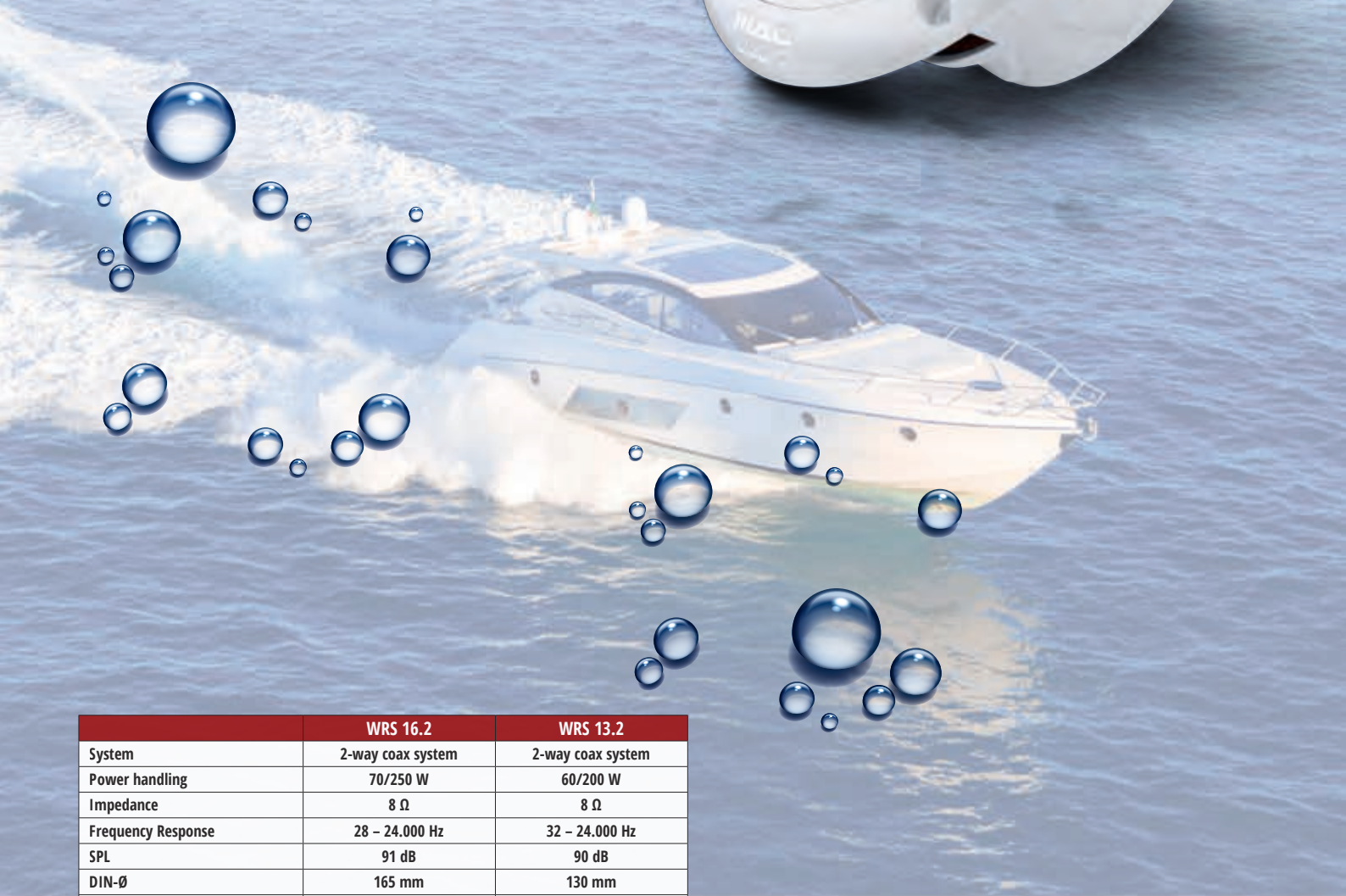


WRS 16.2

WRS 13.2



Specially designed for applications in the maritime sector and damp locations



	WRS 16.2	WRS 13.2
System	2-way coax system	2-way coax system
Power handling	70/250 W	60/200 W
Impedance	8 Ω	8 Ω
Frequency Response	28 – 24.000 Hz	32 – 24.000 Hz
SPL	91 dB	90 dB
DIN-Ø	165 mm	130 mm
Cutting out	131 mm	111 mm
Mounting depth	60 mm	48 mm

Überkraft 3800

- Bass-reflex cabinet subwoofer
- 15" high-performance driver with 2" high-power voice-coil and pole core ventilation
- Double reflex port
- Solid protection grille
- High-quality push terminal
- Anti-slip fabric cover with protective profiles and recessed grips
- Design logo embroidery in two colours



1500 Watt max.

Pro Charger 130

- Bandpass subwoofer with solid plexiglas window
- Design subwoofer ring with white LED illumination
- Air-flow optimized bass reflex port
- Screw terminal incl LED remote function
- 12" high power driver with pole core ventilation and long excursion surround
- 44oz high power magnet
- 2" 4-layer voice coil
- Solid steel basket with additional voice coil ventilation
- Anti-skid carpet with logo stitch



Ring with white LED illumination

	Überkraft 3800	Pro Charger 130
System	Bass-reflex enclosure / 15"	300 mm Bandpass-Subwoofer
Power Handling	500 / 1500 W	400/1200 W
Impedance	4 Ω	4 Ω
Frequency Response	23 - 250 Hz	20 - 500 Hz
SPL	94 dB	91 dB
Weight	21 kg	15 kg
Dimensions WxHxD	660 x 480 x 280/360 mm	435 x 405 x 340/400 mm

Destroyer JK 3000

- High power bass reflex subwoofer
- Design subwoofer ring
- Air-flow optimized bass reflex port in carbon style
- 12" high power driver with pole core ventilation and 2" voice coil
- PP cone with long excursion surround and carbon style dustcap
- Solid steel basket with additional voice coil ventilation
- High-end screw terminal
- Anti-skid carpet with logo stitch

Design subwoofer ring



*Air-flow optimized
bass reflex port in
carbon style*

	Destroyer JK 3000
System	Bass reflex subwoofer with 12" driver
Power Handling	400/1200 W
Impedance	4 Ω
Frequency Response	22 - 500 Hz
SPL	91 dB
Weight	12 kg
Dimensions WxHxD/D	535 x 405 x 295/360 mm

Ice Cube Black Series

- Active (108A) bandpass subwoofer with huge plexiglas window in cube design
- White LED illumination
- Loudspeaker fixed with metrical screws
- MDF enclosure
- Subwoofer with solid steel basket, anti-resonance high gloss lacquering, 2" 4-layer voice coil with additional ventilation, 30oz high power magnet with rubber protecting ring
- Digital amplifier (108A)
- Active amplifier module with high/low level input, full feature XO and auto turn-on function (108A)
- High quality screw terminal including LED remote function (108P)
- Anti skid carpet with neoprene inlay and **HD** logo print



Ice Cube 108 P

Active Subwoofer
with digital amplifier
White LED illumination

Ice Cube 108 A

Micro Cube 108 D

- 8" mm high power woofer with low distortion aluminium cone
- Low resonance aluminium die-cast enclosure
- High efficiency digital amplifier with 500 watts max. power output
- Stereo RCA and high level input, compatible with all car receivers
- Automatic switch-on via DC/remote/audio signal
- Variable low pass filter 50 – 150 Hz (12dB/octave)
- Variable bass boost 0 – 12dB at 45 Hz
- Phase switch 0/180 degrees
- Remote volume control
- Including mounting material



Powered
Underseat-Subwoofer
with 500W MAX. POWER

	Ice Cube 108 P		Ice Cube 108 A	Ice Cube 108 F
System	8" bandpass sub	System	8" active bandpass sub	8" active sub
Power Handling	250/800 W	Max. power output	400 W	500 W
Impedance	4 Ω	RMS power output	150 W	150 W
Frequency Response	23 - 500 Hz	Frequency Response	28 - 150 Hz	25 - 150 Hz
SPL	89 dB	Input sensitivity	LO 100/200 mV Stereo/Mono/HI 2.5 V	LOW 125 mV /HI 250 mV (Stereo)
Weight	9 kg	Input impedance	LOW 10 kΩ/HI 25 kΩ	10 kΩ
Dimensions W x H x D/D	370 x 280 x 275/315 mm	Dimensions WxHxD/D	370 x 280 x 275/315 mm	353 x 239 x 78 mm



Edition BS 30

- Sealed cabinet subwoofer
- 12" high-performance driver with 2" high-power voice-coil and pole core ventilation
- Optimised efficiency and coated cellulose cone
- High-quality screw terminal
- Anti-slip covering with design logo stick in two colours

	Edition BS 30
System	12" sealed enclosure subwoofer
Power Handling	250/800 W
Impedanz	4 Ω
Frequency Response	25 - 250 Hz
SPL	91 dB
Dimensions W x H x D/D	430 x 395 x 240/335 mm

Mac Mobil Street Sub 108 A

- 8" woofer with 22oz high-power magnet system and 1.5" double voice-coil
- High efficiency class-D amplifier module with a power output of 200 watts max
- Volume continuously variable
- Variable phase control 0 - 180°
- Low pass continuously variable 90 - 190 Hz
- High level and low level inputs
- High level input with auto turn-on function
- Bassreflex cabinet with MDF baffle
- Airflow-optimised reflex port
- Loudspeaker fixed with metrical screws
- Solid protection grille
- Anti skid carpet



*Active & Compact
Subwoofer with
Digital Amp*

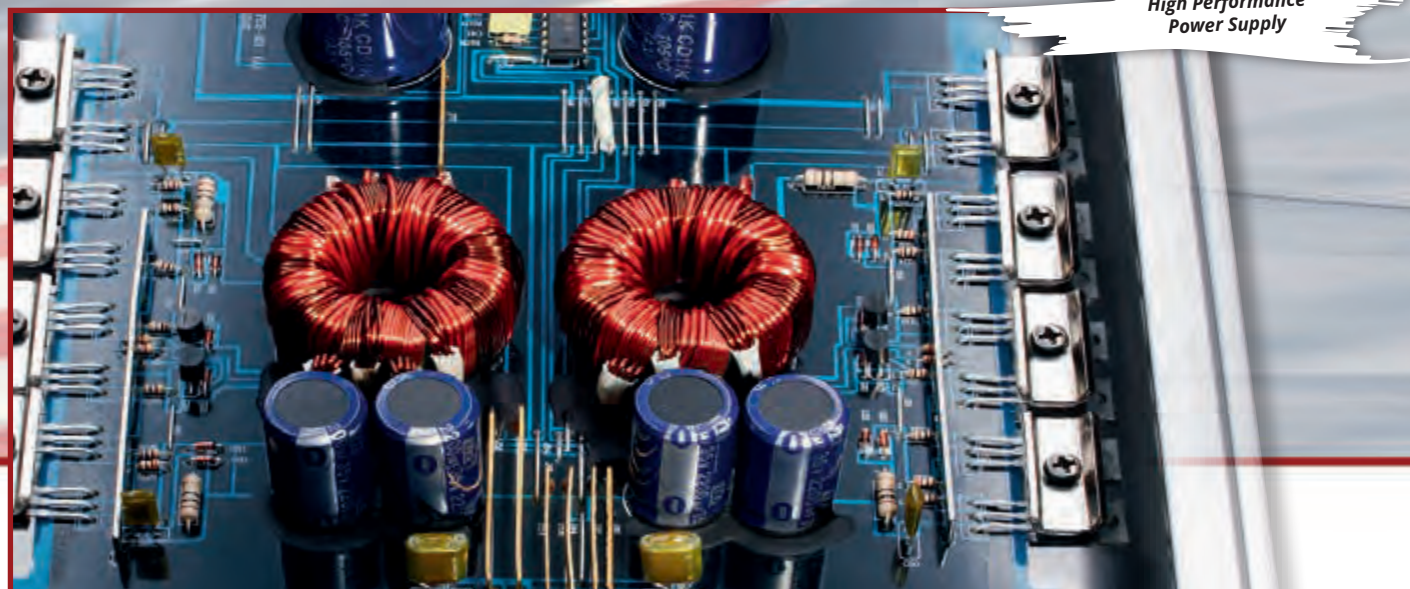


	Mac Mobil Street Sub 108 A
System	8" active bass reflex sub
Max. power output	200 W
RMS power output	80 W
Frequency response	26 - 190 Hz
Input sensitivity	Line In 200 mV/High level 600 mV
Input impedance	Line In 10 kΩ/High level 500 Ω
Dimensions W x H x D/D	355 x 275 x 292/265 mm



Reference 2.1 DSP

- High-end sound quality amplifier
- Integrated DSP audio signal processor with 2 stereo outputs for connecting additional amplifiers
- DSP features adjustable via display remote control or via PC software
- Variable high pass/low pass filters with 6/12/18/24/30/36/42/48 dB acoustic slope per octave
- 31-band parametric equalizer
- 11-band parametric equalizer for low level outputs C/D/E/F
- Runtime correction 0-15 msec with a step size of 0.1 msec
- Switchable phase shift 0/180 degrees
- Electronic level control
- Remote control features:
 - 5 DSP settings, master/subwoofer volume control, input selection
- High level input and optical SPDIF digital input
- Toshiba power transistors
- 2 ohm stable
- Twin Power Supply
- High capacity low-impedance electrolytic capacitors
- Encapsulated potentiometers with metal shaft
- Encapsulated, gold-plated power and speaker connectors
- Protection circuit to prevent short circuits, DC-offset and overheating
- Operation mode (green LED), overload (red LED) and USB control LED
- High capacity aluminium heatsink for an optimized thermal control
- LED-illuminated Mac Audio logo badge



*High Performance
Power Supply*

	Reference 2.1 DSP
Channel	2 Channel Car-Hifi-Amplifier
Max. power output (4 Ω)	2 x 500/1 x 1500 W
RMS power output (4 Ω)	2 x 250/1 x 700 W
Max. power output (2 Ω)	2 x 750 W
RMS power output (2 Ω)	2 x 350 W
Frequency Response	5 - 50 kHz (-3 dB)
Input impedance	20 kΩ
Dimensions W x H x D	452 x 55 x 213 mm
Variable high pass/low pass with	6/12/18/24/30/36/42/48 dB acoustic slope per octave



DSP features adjustable via PC software



DSP features adjustable via remote control

Amplifier with high-end sound quality



CAR & HIFI 01/15
Top Class



Plus X Award 2015





Micro Fit 4.0

- Ultra compact high power Class D amplifier
- Easy plug & play installation
- 100 cm ISO adaptor cable included
- Automatic turn on/off circuit via the audio signal
- RCA output and remote signal for connecting a subwoofer amplifier
- Design aluminium heatsink with engraved Mac Audio logo and model name
- Noble hairline finish
- Adjustable input sensitivity
- Encapsulated potentiometers
- Protection circuit that safeguards against short circuits, DC-offset and overheating
- Green operation indication LED



100 cm ISO adaptor
cable included

Compact dimensions

177 mm

124 mm



plug & Play

	Micro Fit 4.0
Channel	4 Channel Car-Hifi-Amplifier/Class D
Max. power output (4 Ω)	4x 100 W
RMS power output (4 Ω)	4x 55 W
Frequency Response	10 Hz – 30 kHz (-3 dB)
Input sensitivity	4,5 V – 10 V
Input impedance	1 kΩ
Dimensions W x H x D	177 x 39 x 124 mm





Titanium Pro

- 2 ohm stable
- High efficiency class D subwoofer amplifier (1.0)
- 1 ohm stable (1.0)
- Full-Feature XO:
 - Variable low pass 40 – 150 Hz (12 dB per octave),
 - Variable subsonic filter 15 – 40 Hz (12 dB per octave),
 - Variable bass boost 0...12 dB at 45 Hz (1.0)
- Full-Feature XO/Bandpass:
 - Variable high pass 10 – 200 Hz (12 dB per octave),
 - Variable low pass 30 – 150 Hz (12 dB per octave (CH1/2 4.0)),
 - Variable bass boost 0...12 dB bei 45 Hz (CH1/2 4.0)
- Low level RCA outputs provide summing signal of channel 1 to 4 for use with a subwoofer amplifier (4.0)
- Low level pass trough RCA jacks (2.0)
- DUPE circuit forwards the preamplifier audio signal of CH1 /2 to CH3/4 with the same filter settings (4.0)
- Remote volume control (1.0)
- Variable phase control 0 – 180 degrees (1.0)
- Bridge/Tri-mode capability (2.0/4.0)
- Channel mode selector (4/2) (4.0)
- Master/slave mode (1.0)
- Encapsulated potentiometers (1.0) potentiometers with metal shaft
- Encapsulated power and speaker connectors
- Power supply with low impedance capacitors 2 x 2200 μ F (1.0)
- Circuit board with double copper coating (1.0)
- Protection circuit that safeguards against short circuits, DC-offset and overheating
- Green operation and red protection indication LED
- Design aluminium heatsink with engraved model name
- Noble hairline finish



	Titanium Pro 1.0	Titanium Pro 2.0	Titanium Pro 4.0
Channel	1 Channel Car-Hifi-Amplifier/Class D	2 Channel Car-Hifi-Amplifier/Class D	4 Channel Car-Hifi-Amplifier/Class D
Max. power output (4 Ω)	600 W	2 x 375/1 x 1000 W	4 x 250/2 x 700 W
RMS power output (4 Ω)	300 W	2 x 125/1 x 400 W	4 x 100/2 x 280 W
Max. power output (2 Ω)	1000 W	2 x 500 W	4 x 350 W
RMS power output (2 Ω)	500 W	2 x 200 W	4 x 140 W
Frequency Response	5 - 150 Hz (-3 dB)	5 - 50 Hz (-3 dB)	5 - 50 Hz (-3 dB)
Input impedance	20 kΩ	20 kΩ	20 kΩ
Dimensions W x H x D	294 x 52 x 227 mm	344 x 52 x 227 mm	404 x 52 x 227 mm



Titanium Pro 1.0



Titanium Pro 2.0



Titanium Pro 4.0





Edition S

- 2 ohm stable
- Low level RCA outputs
- Channel mode switch 4/3/2 (Four/Four LTD.)
- MONO-/STEREO-switch (Two/Two LTD.)
- Bridge/Tri-mode capability (except Mono)
- Protection circuit to prevent short circuits, DC-offset and overheating
- Mosfet power supply
- Dual color LED (green/red) for operation/overload indication
- Volume remote control (Mono)
- High quality potentiometers with metal shaft
- SMD technology
- Aluminium heatsink/top plate with hairline finish
- Three-part aluminium heatsink (5.5 g/mm) with enlarged surface structure for optimized heat dissipation
- Full Feature XO: Variable low pass 40 – 300 Hz (12 dB per octave)/Variable high pass 40 – 300 Hz (12 dB per octave)/Variable bass boost 0...12 dB at 45 Hz
- Full Feature XO: Variable low pass 40 – 300 Hz (12 dB per octave)/Variable subsonic filter 10 – 40 Hz (12 dB per octave)/Variable bass boost 0...12 dB at 45 Hz (Mono)



Edition S Mono



Edition S Two

	Edition S Mono	Edition S Two	Edition S Two LTD	Edition S Four	Edition S Four LTD
Channel	1 Channel Car-Hifi-Amplifier	2 Channel Car-Hifi-Amplifier	2 Channel Car-Hifi-Amplifier	4 Channel Car-Hifi-Amplifier	4 Channel Car-Hifi-Amplifier
Max. power output (4 Ω)	800 W	2 x 150/1 x 500 W	2 x 200/1 x 600 W	4 x 140/2 x 500 W	4 x 200/2 x 600 W
RMS power output (4 Ω)	275 W	2 x 80/1 x 240 W	2 x 60/1 x 160 W	4 x 80/2 x 240 W	4 x 60/2 x 160 W
Max. power output (2 Ω)	1400 W	2 x 250 W	2 x 300 W	4 x 250 W	4 x 300 W
RMS power output (2 Ω)	350 W	2 x 75 W	2 x 110 W	4 x 75 W	4 x 110 W
Frequency Response	10 - 300 Hz (-3 dB)	5 - 50 kHz (-3 dB)	5 - 50 kHz (-3 dB)	5 - 50 kHz (-3 dB)	5 - 50 kHz (-3 dB)
Input impedance	20 kΩ	20 kΩ	20 kΩ	20 kΩ	20 kΩ
Dimensions W x H x D	327 x 53 x 236 mm	218 x 53 x 236 mm	218 x 53 x 236 mm	338 x 53 x 236 mm	338 x 53 x 236 mm



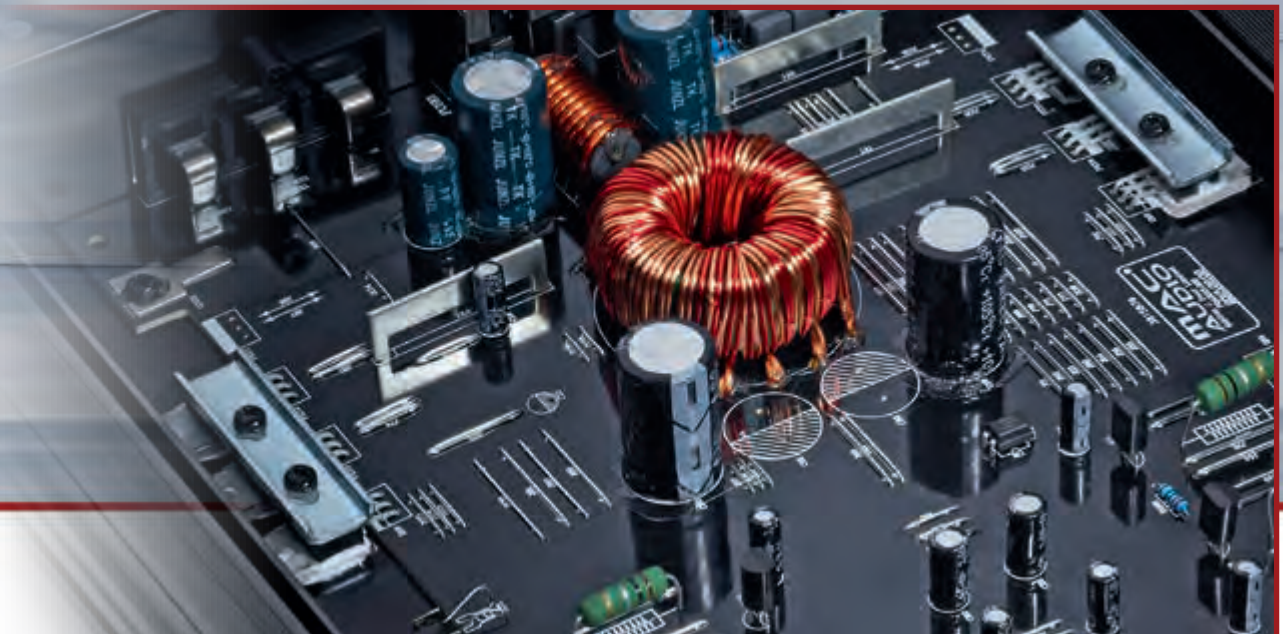
Edition S Two LTD



Edition S Four



Edition S Four LTD





MPEexclusive

- 2 ohm stable
- Protection circuit that safeguards against short circuits, DC-offset and overheating
- Green operation and red protection indication LED

MPEexclusive 4.0 & 4.0 XL:

- Low level RCA outputs (mono signal CH3/CH4)
- Channel mode switch 4/3/2
- Bridge/tri-mode capability

MPEexclusive 2.0 & 2.0 XL:

- Low level RCA outputs
- MONO/STEREO switch
- Bridge/tri-mode capability

MPEexclusive 1.0 XL:

- Low level RCA outputs
- Capsulated loudspeaker and power-supply screw terminals
- Volume remote control



MPE 1.0 XL

	MPE 1.0 XL	MPE 2.0 XL	MPE 2.0	MPE 4.0 XL	MPE 4.0
Channel	1 Channel Car-Hifi-Amplifier	2 Channel Car-Hifi-Amplifier	2 Channel Car-Hifi-Amplifier	4 Channel Car-Hifi-Amplifier	4 Channel Car-Hifi-Amplifier
Max. power output (4 Ω)	900 W	2 x 225/1 x 600 W	2 x 180/1 x 500 W	4 x 225/2 x 600 W	4 x 180/2 x 500 W
RMS power output (4 Ω)	275 W	2 x 80/1 x 240 W	2 x 60/1 x 160 W	4 x 80/2 x 240 W	4 x 60/2 x 160 W
Max. power output (2 Ω)	1500 W	2 x 300 W	2 x 250 W	4 x 300 W	4 x 250 W
RMS power output (2 Ω)	400 W	2 x 120 W	2 x 80 W	4 x 120 W	4 x 80 W
Frequency Response	5 - 300 Hz (-3 dB)	5 - 50 kHz (-3 dB)	5 - 50 kHz (-3 dB)	5 - 50 kHz (-3 dB)	5 - 50 kHz (-3 dB)
Input impedance	20 kΩ	20 kΩ	20 kΩ	20 kΩ	20 kΩ
Dimensions W x H x D	400 x 55 x 226 mm	239 x 55 x 226 mm	239 x 55 x 226 mm	319 x 55 x 226 mm	319 x 55 x 226 mm
Variable full-feature filters	Low pass 40 – 300 Hz Subsonic 10 – 40 Hz Bass boost 0...12 dB/45 Hz	Low pass 50 – 300 Hz High pass 40 – 300 Hz Bass boost 0...12 dB/45 Hz	Low pass 50 – 300 Hz High pass 40 – 300 Hz Bass boost 0...12 dB/45 Hz	Low pass 50 – 300 Hz High pass 40 – 300 Hz Bass boost 0...12 dB/45 Hz	Low pass 50 – 300 Hz High pass 40 – 300 Hz Bass boost 0...12 dB/45 Hz



MPE 2.0 XL



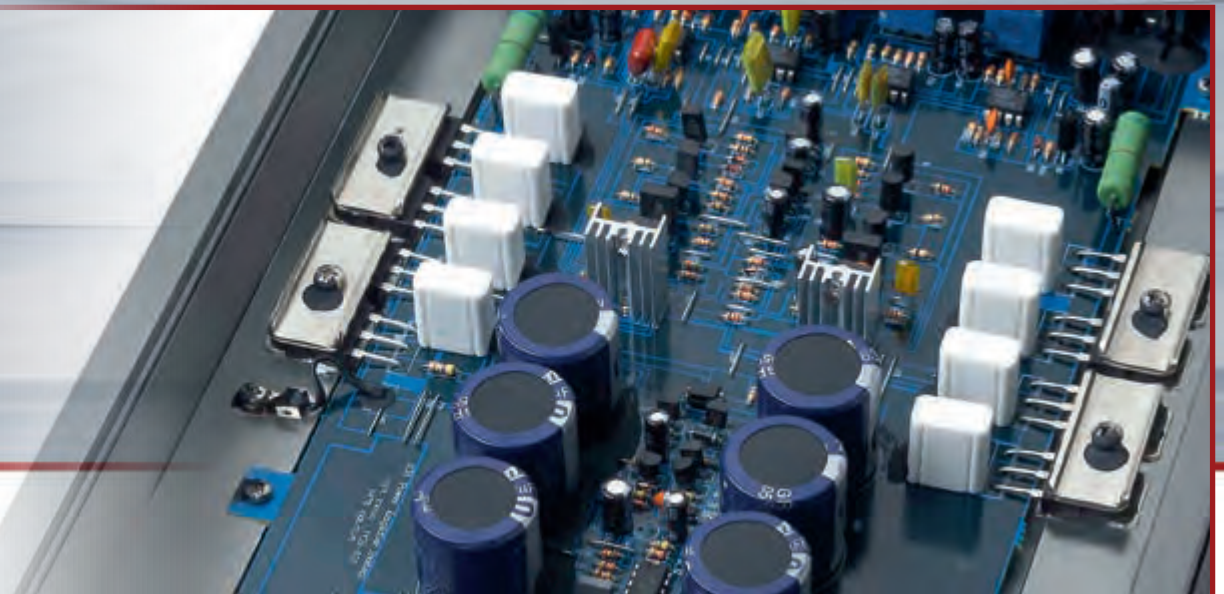
MPE 2.0



MPE 4.0 XL



MPE 4.0



Accessories



LS2510



LS1510

ULTRAFLEXIBLE SPEAKER CABLE

The perfect connection between amplifiers, subwoofers and speakers.

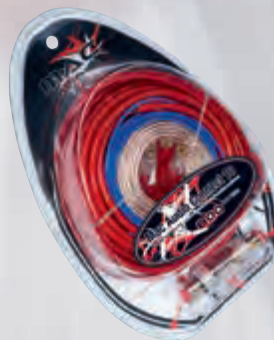
- Ultraflexible speaker cable
- Clear insulation with red coded wire
- CCA
- 7 x 31 x 0.12 mm strands (LS2510)
- 7 x 19 x 0.12 mm strands (LS1510)



Connect 25



Connect 16



Connect 10



RCA 5



Cap 1200 F

Connect 25	Connect 16	Connect 10	RCA 5	Cap 1200 F
Amplifier Installation Kit 1 600 Watts/25 mm ² /80 Ampère	Amplifier Installation Kit 1 200 Watts/16 mm ² /60 Ampère	Amplifier Installation Kit 800 Watts/10 mm ² /50 Ampère	RCA cable 5 m	High Power Capacitor
<ul style="list-style-type: none"> • Power cable red, 5 m/8AWG/25 mm² • Ground cable brown, 1 m/8AWG/25 mm² • Remote cable blue, 5 m/18AWG/1 mm² • Speaker cable transparent, 8 m/16AWG/1.5 mm² • RCA cable, 5 m, double shielded, molded jacks • Fuse holder with 80 A fuse • Installation accessories 	<ul style="list-style-type: none"> • Power cable red, 5 m/8AWG/16 mm² • Ground cable brown, 1 m/8AWG/16 mm² • Remote cable blue, 5 m/18AWG/1 mm² • Speaker cable transparent, 8 m/16AWG/1.5 mm² • RCA cable, 5 m, double shielded, molded jacks • Fuse holder with 60 A fuse • Installation accessories 	<ul style="list-style-type: none"> • Power cable red, 5 m/8AWG/10 mm² • Ground cable brown, 1 m/8AWG/10 mm² • Remote cable blue, 5 m/18AWG/1 mm² • Speaker cable transparent, 8 m/16AWG/1.5 mm² • RCA cable, 5 m, double shielded, molded jacks • Fuse holder with 50 A fuse • Installation accessories 	<ul style="list-style-type: none"> • RCA cable, 5 m, double shielded, twisted design, molded jacks 	<ul style="list-style-type: none"> • 1.2 Farad • Weight: 1.45 kg • 3.5-character digital voltage display with red LEDs • Two blue LEDs to display the operating voltage • Warning (peep sound) in the event of incorrectly connected poles and short circuit • Aluminium cup made from brushed aluminium • Sturdy nickel-plated hexagonal-socket screw terminals in a chrome look • Protective cover made from transparent plastic

Packages

Edition 693

- Multi-layer coated cellulose cone
- Light foam surround for high efficiency
- Titanium coated tweeter
- Suspension and magnetic field optimised with KLIPPEL measurement system
- Perfect for rear deck and door panel installation
- Solid protection cover with aluminium hairline finish

3-way triaxial speaker

Power handling: 65/260 W

SPL: 91 dB

DIN Ø mm:

6" x 9" W/2" M/ 2"/0,5 T mm

Edition BS 30

Cabinet:

- Sealed cabinet subwoofer
- 12" high-performance driver with 2" high-power voice-coil and pole core ventilation

Woofers:

- Optimised efficiency and coated cellulose cone
- High-quality screw terminal

12" sealed enclosure subwoofer

Power handling: 250/800 W

SPL: 91 dB

Dimensions (WxHxD):

430 x 395 x 240/335 mm

Edition S Four:

- 2 ohm stable
- Protection circuit to prevent short circuits, DC-offset and overheating
- Dual color LED (green/red) for operation/overload indication
- Variable low pass 40 – 300 Hz (12 dB per octave)
- Variable high pass 40 – 300 Hz (12 dB per octave)
- Variable bass boost 0...12 dB at 45 Hz
- Variable subsonic filter 10 – 40 Hz (12 dB per octave)

4-channel amplifier

Max. Power output (4 Ω):

4 x 140/2 x 500 W

RMS power output (4 Ω):

4 x 55/2 x 150 W

Max. Power output (2 Ω):

4 x 250 W

RMS power output (2 Ω): 4 x 75 W

Dimensions (WxHxD):

338 x 53 x 236 mm

Edition Set 4693



**Including Connect 10
Amplifier Installation Kit**

MPE 16.2

- Solid steel basket with additional voice coil ventilation
- Injection polypropylene cone with additional edge reinforcement
- Long excursion rubber surround
- Aluminium coated tweeter cone
- Aluminium coated midrange cone
- Magnet protection cover in Mac Audio design
- Suspension and magnetic field optimised with
- KLIPPEL® measurement system
- Design protection cover with aluminium diamondcut logo

2-way coaxial speaker

Power handling: 70/280 W

SPL: 90 dB

DIN Ø: 165 mm

MPE 112 R

Enclosure

- Bass reflex subwoofer
- Air-flow optimized bass-reflex ports
- Powder coated protection bars
- Nickel-plated screw terminal
- Anti-skid carpet with 2 color-design

Woofers

- 12" high power driver with ventilated pole core and 2" voice coil
- Low-resonance steel basket with additional voice coil ventilation
- PP design dustcap
- Multi-layer, coated paper cone

12" bass reflex subwoofer

Power handling: 300/1000 W

SPL: 90 dB

Dimensions (WxHxD):

385 x 365 x 295/355 mm

MPX 4000:

- 2 ohm stable
- Protection circuit that safeguards against short circuits, DC-offset and overheating
- Green operation and red protection indication LED
- Variable low pass 40 – 300 Hz (12 dB/Octave)
- Variable subsonic filter 10 – 40 Hz (12 dB/Octave)
- Variable bass boost 0...12 dB at 45 Hz
- Volume remote control
- Capsulated loudspeaker and power-supply screw terminals

4-channel amplifier

Max. Power output (4 Ω):

4 x 180/2 x 500 W

RMS power output (4 Ω):

4 x 60/2 x 160 W

Max. Power output (2 Ω): 4 x 250 W

RMS power output (2 Ω): 4 x 80 W

Dimensions (WxHxD):

319 x 59 x 226 mm

Mac Xtreme 4000



Mac Xtreme Sub 110R

Enclosure

- Bass reflex subwoofer
- Air-flow optimized bass-reflex port
- Nickel-plated screw terminal
- Anti-skid carpet

Woofers

- 10" high power driver with ventilated pole core and 2" voice coil
- Low-resonance steel basket with additional voice coil ventilation
- PP design dustcap
- Multi-layer, coated paper cone

10" bass reflex subwoofer

Power handling: 250/800 W

SPL: 89 dB

Dimensions (WxHxD): 370 x 300 x 230/280 mm

Mac Xtreme Amp 2000

- 2 ohm stable
- Variable low pass 50 – 250 Hz (12 dB per octave)
- Variable high pass 50 – 250 Hz (12 dB per octave)
- Switchable bass boost 6/12 dB at 45 Hz
- High level inputs
- Low level RCA outputs
- MONO / STEREO switch
- Bridge/tri-mode capability
- Protection circuit that safeguards against short circuits, DC-offset and overheating
- Green operation and red protection indication LED

2-channel amplifier

Max. Power output (4 Ω): 2 x 180/1 x 500 W

RMS power output (4 Ω): 2 x 60/1 x 160 W

Max. Power output (2 Ω): 2 x 250 W

RMS power output (2 Ω): 2 x 80 W

Dimensions (WxHxD): 219 x 59 x 226 mm

Mac Xtreme 2000





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www.mac-audio.de