LET THE MUSIC PLAY

HOME ENTERTAINMENT & HI-FI 2017-2018

THE FUTURE IS HERE:
ENTERTAINMENT THAT TRANSCENDS LIMITS.

FAYOLA

LET THE MUSIC PLAY – EASY, INTUITIVE AND WIRELESS, IN EVERY ROOM OF YOUR HOME.

The FAYOLA Wireless Music System transcends the limits of previous audio systems: it offers setup freedom with flexible configuration, ensures the consistent wireless transmission of music and movie soundtracks in stereo and surround to the speakers, features virtually unlimited multi-room capability and is compatible with all streaming services and sound formats. Intuitive control from a single system to an entire multi-room network is provided by the Pioneer Remote App for iOS and Android.

Chromecast built-in

Thanks to integrated Chromecast technology, you can use your mobile device to stream your favourite music, radio or podcasts to your Pioneer system. You can play music from anywhere in the home with Chromecast-capable apps on your Android smartphone, iPhone, iPad and tablet, Mac and Windows laptop or Chromebook. Discover Chromecast-capable apps at g.co/cast/audioapps. The Chromecast built-in logo is a trademark of Google Inc.

FireConnect

FireConnect™ is a powerful and secure WiFi-based transmission standard and can®supply up to 8 rooms simultaneously with the same or different programme sources. Fromanalogue vinyl to digital media such as CD or Blu-ray, TV sound, TuneIn Internet radio or music from streaming services such as Spotify, TIDAL or Deezer – FireConnect supplies all of this content to compatible devices in your home network in the best possible quality and without dropouts thanks to the adaptive use of bandwidth.

DTS Play-Fi

DTS Play-Fi is a new streaming standard for multi-room audio, allowing music from mobile devices to be streamed on speakers throughout the home. Play-Fi supports multi-room, multi-zone and multi-user setups. Here the brand of the speakers does not play a role, since all Play-Fi-capable devices are fully compatible with each other. Numerous streaming services already support Play-Fi and the list keeps on growing.

MULTI-ROOM FOR YOUR NETWORK.

FS-W40

2.0 MULTI-ROOM NETWORK SYSTEM

VIDEO FUNCTIONS:

- UltraHD pass-through with HDCP2.2
- UltraHD upscaling (1080p to 4K)
- ARC (audio return channel) for HDMI output
- HDMI CEC/CEC multilink control for compatible peripherals

AUDIO FUNCTIONS:

- DTS-HD Master Audio, DTS Neo:6 5.1, Dolby TrueHD, Dolby ProLogic™ II, Dolby Digital and Dolby Digital Plus
- DSD playback (5.6MHz/2.8MHz, stereo) via network/USB

- DSD Disc (SACD) via HDMI (2.8MHz, stereo and 2.1)
- USB playback from compatible USB mass storage devices

NETWORK FUNCTIONS:

- Playback of high-resolution audio via network/USB up to 192kHz/24-bit FLAC, ALAC, AIFF and WAV (up to 96kHz/24-bit over a wireless network)
- Integrated support for the music streaming services Spotify, TIDAL and Deezer, and Internet radio TuneIn

- Built-in dual band WiFi (2.4GHz/5GHz)
- Built-in Bluetooth
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Individual configuration of the wireless speakers for left/right and optional FS-S40 surround speakers

OPERATING CHARACTERISTICS:

- Compatible with the Pioneer Remote App
- GUI (graphical user interface) with straight forward system and network setup
- Automatic start-up when a network input

signal is recognised
- Sleep timer and auto power off
- Straightforward and user-friendly remote control

OTHER FEATURES:

- 4 HDMI inputs/1 output
- Digital optical input
- Analogue cinch (RCA) input
- USB input (type A) for USB mass storage devices
- VHF tuner antenna connection
- Ethernet connection

FS-W50

2.1 MULTI-ROOM NETWORK SYSTEM

VIDEO FUNCTIONS:

- UltraHD pass-through with HDCP2.2
- UltraHD upscaling (1080p to 4K)
- ARC (audio return channel) for HDMI output
- HDMI CEC/CEC multilink control for compatible peripherals

AUDIO FUNCTIONS:

- DTS-HD Master Audio, DTS Neo:6 5.1, Dolby TrueHD, Dolby ProLogic™ II, Dolby Digital and Dolby Digital Plus
- DSD playback (5.6MHz/2.8MHz, stereo) via network/USB

- DSD Disc (SACD) via HDMI (2.8MHz, stereo and 2.1)
- USB playback from compatible USB mass storage devices

NETWORK FUNCTIONS:

- Playback of high-resolution audio via network/USB up to 192kHz/24-bit FLAC, ALAC, AIFF and WAV (up to 96kHz/24-bit over a wireless network)
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- Built-in dual band WiFi (2.4GHz/5GHz)
- Built-in Bluetooth
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Individual configuration of the wireless speakers for left/right and optional FS-S40 surround speakers
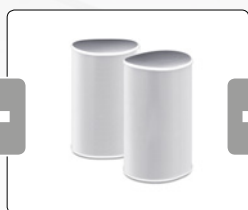
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- Automatic start-up when a network input

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- Sleep timer and auto power off
- Straightforward and user-friendly remote control

OTHER FEATURES:

- 4 HDMI inputs/1 output
- Digital optical input
- Analogue cinch (RCA) input
- USB input (type A) for USB mass storage devices
- VHF tuner antenna connection
- Ethernet connection
- Subwoofer included

GROWS WITH YOUR REQUIREMENTS.

2.0 STEREO   **2.1 STEREO**   **4.1 MULTI-CHANNEL**   **MULTI-ROOM**

FAYOLA Media Center
The FAYOLA Media Center is the central control unit and the connection point for all your entertainment.

FAYOLA Speakers
FAYOLA speakers as a stereo pair are included with every FAYOLA base set. The wireless satellite speakers are ideal for music and movie stereo play-back. All they need is a power source, making them highly flexible for placement in the living space.

FS-SW40
The FS-SW40 wireless subwoofer can be added to the FS-W40 base package and is already included in the FS-W50 premium set. Make movies and music in stereo even more dynamic with added bass volume for impressive entertainment.

FS-S40
Expand your FAYOLA system into a 4.0 or 4.1 multi-channel system with the FS-S40 wireless satellite speakers. Immerse yourself in premium home entertainment.

MRX-5 / MRX-3
The multi-room speakers of the MRX series are also wireless. They are the ideal complement to expand your FAYOLA system into a versatile multi-room system. The MRX series is available with and without integrated recharge-able battery for maximum mobility and flexibility.

FS-S40
WIRELESS SPEAKER
AUDIO FEATURES:
- Tweeter 2 cm
- Woofer 9 cm
- Closed box

FS-SW40
WIRELESS SUBWOOFER
AUDIO FEATURES:
- Woofer 20 cm
- Closed box

Pioneer Remote App
Enjoy ease of operation – straightforward with your favourite device. With the free remote app from Pioneer, you can use your iPad/iPhone/iPod touch or Android device, such as a smartphone, to operate your WLAN speakers or play music stored on your smartphone. You can also choose Internet radio stations and play back songs from your media server.

Intuitive control

With the Pioneer Remote App, your smartphone is transformed into a perfect remote control for the FAYOLA system and all devices connected via the home network. Even complex settings can be configured intuitively through the graphical user interface for optimum ease of use.
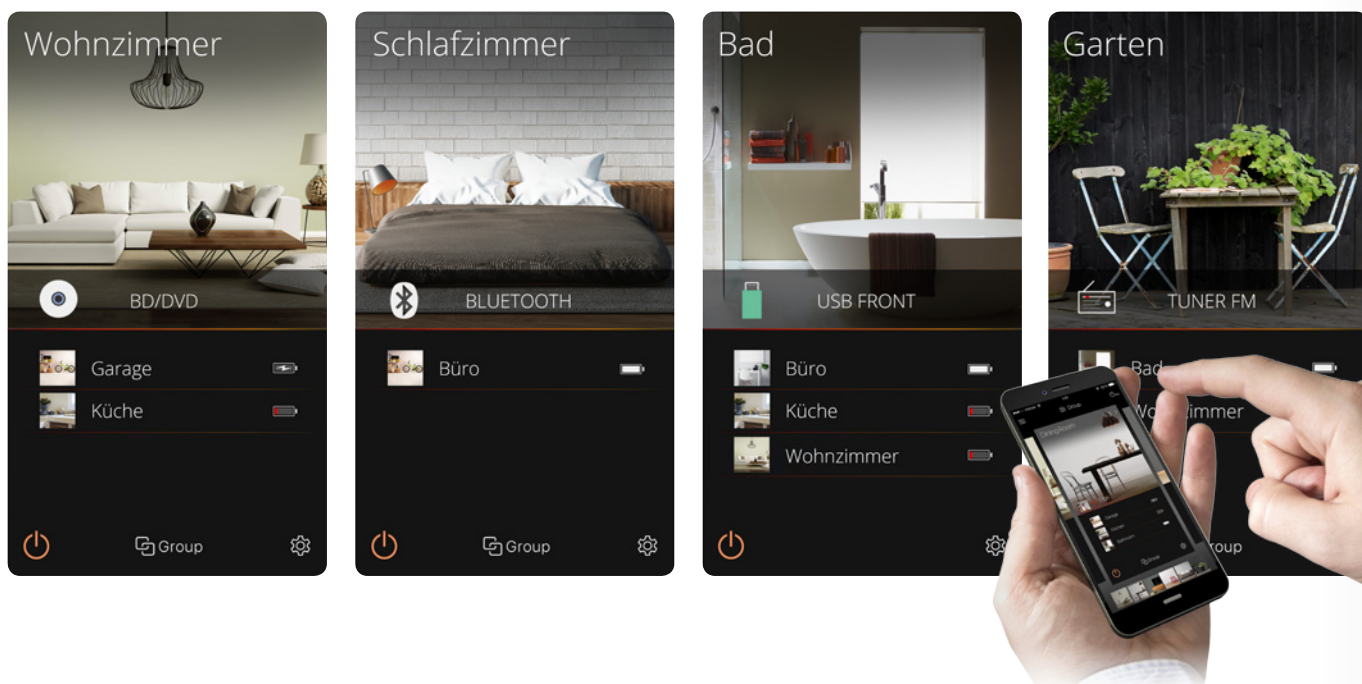
Multi-room application

With FAYOLA, all multi-room options are available to you through the Pioneer Remote App. Each device can play back different content, or all of them together can fill the entire house with music in party mode. Combine individual devices into groups, rearrange them according to the situation, and even manage your content and devices with multiple smartphones in parallel.

Open for any device

FAYOLA and the Pioneer Remote App offer maximum compatibility since devices from other manufacturers can also be integrated readily into the multi-room system. Integrated Chromecast technology and Play-Fi offer maximum flexibility in choosing devices.

Reliable in every room

All content is transmitted by FAYOLA in the best possible quality and free of interruptions since the data stream is adapted to the respective available bandwidth. The Pioneer Remote App reliably recognises all devices available on the network and controls the entertainment programme in your whole house on request.

MRX-3 / MRX-5

WIRELESS SPEAKERS

AUDIO FUNCTIONS:

- Two-way speaker with 77mm woofer and 2 x 26mm tweeters
- Stereo mode with FireConnect to combine two speakers

NETWORK FUNCTIONS:

- Built-in dual band WiFi (2.4GHz/5GHz)
- Built-in Bluetooth
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Support for the music streaming services Spotify, TIDAL and Deezer
- TuneIn Internet radio

OTHER FEATURES:

- Built-in Li-Ion battery (MRX-5 only)
- Compatible with the Pioneer Remote App
- Direct buttons for intuitive operation
- Easy setup via AUX
- AUX input
- Ethernet connection

PERFECT SOUND REPRODUCTION:
EXPERIENCE MAXIMUM ATTENTION TO DETAIL AND RESOLUTION WITH HI-RES AUDIO.

Hi-res audio

Experience digitally stored music closer to the analogue original than ever before. Devices with the Hi-Res Audio logo support formats beyond the CD standard of a 44.1kHz sampling rate and 16-bit depth. Experience WAV and FLAC files in genuine studio quality with resolutions up to 192kHz/24-bit. The DSD format used by the Super Audio CD is supported as well.

Streaming services

Native support for the world's most popular streaming and Internet radio services opens up new horizons in the entertainment sector. Enjoy audio streaming with room-filling sound using special apps (where available) or the Pioneer Remote App.

Pioneer Remote App

Enjoy ease of operation – straightforward with your favourite device. With the free remote app from Pioneer, you can operate your WLAN speakers using your iPad/iPhone/iPod touch or Android device such as a smartphone, or play music stored on your smartphone. You can also choose Internet radio stations and play back songs from your media server.

HI-FI IN ITS PUREST FORM.

A-70DA

AMPLIFIER / CONVERTER

AMPLIFIER FEATURES:

- 2 x 90 watts of output power (4 ohms)
- Direct Energy HD output stages
- Fully balanced pre-amplifier
- 3-chamber design for power supply, pre-amplifier and output stage section
- Dual layout, encapsulated transformers
- Vibration-absorbing substructure
- Separate aluminium front, side & top panel

CONVERTER FEATURES:

- SABRE Ultra DAC (ES9016)
- USB D/A converter for Mac/PC Direct connection (PCM 384kHz/32-bit and DSD 11.2MHz)
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD

OTHER FEATURES:

- 4x line inputs, 1x line output
- Optical & coaxial digital input
- Balanced XLR input
- Phono MC/MM input
- Power amp direct switch
- Gold-plated terminals
- Solid speaker screw terminals
- Aluminium IR remote control

N-70AE

NETWORK PLAYER

NETWORK FEATURES:

- 3.5" LCD colour screen with cover display
- Music server function with USB-as-NAS storage on the home network
- Built-in dual band 2.4GHz/5GHz WiFi
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- TIDAL, Deezer, Spotify, Internet radio (TuneIn)

APPS:

- Pioneer Remote App

CONVERTER FEATURES:

- SABRE Ultra DAC (ES9016S x2)
- USB D/A converter for Mac/PC direct connection (PCM 384kHz/32-bit and DSD 11.2MHz)
- Pioneer PQFA for jitter-free playback
- Lock range adjust (stopband) for D/A converter

OTHER FEATURES:

- Built-in headphone amplifier (TPA6120)
- Balanced XLR output & cinch (RCA) output

PD-70AE

SACD PLAYER

MAIN FEATURES:

- SACD, CD, DSD disc playback
- Full balanced 8ch parallel drive ESS 9026 PRO D/A converter (with separate channels)
- Pioneer lock range adjust (stopband)
- Switchable digital filters
- Hi-res audio playback DSD up to 11.2MHz / PCM 192kHz/24-bit
- D/A converter function for digital players

DESIGN FEATURES:

- Original Pioneer disc mechanism technology
- Accurate pickup and Heavy Rigid Drive
- Vibration-dampening aluminium disc tray
- Drive casing with vibration-dampening aluminium honeycomb structure
- Aluminium front and side panels
- Two-layer chassis structure

MRX-3 / MRX-5

WIRELESS MULTI-ROOM SPEAKER

Optional wireless speaker for multi-room applications with the N-70AE. Connect easily via the home network and stream the content from this device to every room. Available as MRX-3 with mains connection and MRX-5 with integrated rechargeable battery.

A-50DA

AMPLIFIER / CONVERTER

AMPLIFIER FEATURES:

- 2 x 90 watts of output power (4 ohms)
- Direct Energy HD output stages
- Insulated power supply unit

CONVERTER FEATURES:

- SABRE Ultra DAC (ES9016)
- USB D/A converter for Mac/PC direct connection
- (PCM 384 kHz/32-bit and DSD 11.2 MHz)
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD

OTHER FEATURES:

- 4x line inputs, 1x line output
- Optical & coaxial digital input
- Phono MM input
- Power amp direct switch
- Gold-plated terminals
- Speaker screw terminals
- Aluminium front panel
- IR remote control

N-50AE

NETWORK PLAYER

NETWORK FEATURES:

- 3.5" LCD colour screen with cover display
- Music server function with USB-as-NAS storage on the home network
- Built-in dual band 2.4GHz/5GHz WiFi
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- TIDAL, Deezer, Spotify, Internet radio (TuneIn)

APPS:

- Pioneer Remote App

CONVERTER FEATURES:

- SABRE Ultra DAC (ES9016S)
- USB D/A converter for Mac/PC direct connection (PCM 384kHz/32-bit and DSD 11.2MHz)
- Lock range adjust (stopband) for D/A converter

DESIGN FEATURES:

- Separate power supply for digital & analogue section
- Vibration-absorbing substructure
- Aluminium front panel

PD-50

SACD PLAYER

MAIN FEATURES:

- SACD, CD, DSD disc playback
- MP3, WMA, MPEG-4 AAC playback
- 192 kHz/32-bit twin DAC
- Hi-bit32 processing & hi-sampling function
- Auto level control
- Acoustically optimised CD tray
- D/A conversion function for external sources
- iPod, iPhone, iPad via USB with charging function
- Front USB input for connecting storage devices

DESIGN FEATURES:

- Separate power supply for digital & analogue section
- Vibration-absorbing substructure

OTHER FEATURES:

- Optical & coaxial digital input
- Optical & coaxial digital output
- Cinch (RCA) output
- Gold-plated terminals
- Aluminium front panel
- IR remote control

A-30

INTEGRATED AMPLIFIER

AMPLIFIER FEATURES:

- 2 x 70 watts of output power (4 ohms)
- Single EI transformer
- Discretely constructed fully balanced amplifier
- Powerful Darlington transistors
- Separate, ground-coupled heat sinks
- Short signal paths from electrolytic capacitors to output stages
- Short signal paths to the connection terminals
- Sturdy substructure

OTHER FEATURES:

- Motor-driven/mechanical volume control
- Direct switch
- 5x line inputs, 1x line output
- Phono MM input
- Speaker A/B switch
- Aluminium front panel
- IR remote control

N-30AE

NETWORK PLAYER

NETWORK FEATURES:

- 3.5" LCD colour screen with cover display
- Music server function with USB-as-NAS storage on the home network
- Built-in dual band 2.4GHz/5GHz WiFi
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Apple AirPlay
- TIDAL, Deezer, Spotify, Internet radio (TuneIn)

CONVERTER FEATURES:

- High-quality D/A converter (AKM)
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD

APPS:

- Pioneer Remote App

OTHER FEATURES:

- USB front & rear input for storage media (FAT & NTFS hard drives)
- Aluminium front panel

PD-30AE

CD PLAYER

MAIN FEATURES:

- High-grade 192kHz/24bit D/A converter (AKM 4482VT)
- Precision clock (+/- 10ppm)
- Silent drive
- Solid 1.6mm sub-chassis
- High-capacity EI power supply
- Variable headphone output

OTHER FEATURES:

- Optical & coaxial digital input (with D/A converter function)
- Optical & coaxial digital output (gold-plated)
- Cinch (RCA) output (gold-plated)
- Aluminium front panel
- IR remote control

MRX-3 / MRX-5

WIRELESS MULTI-ROOM SPEAKER

Optional wireless speaker for multi-room applications with the N-50AE and N-30AE. Connect easily via the home network and stream the content from this device to every room. Available as MRX-3 with mains connection and MRX-5 with integrated rechargeable battery.

NC-50DAB

PURE AUDIO NETWORK CENTRE

AMPLIFIER FEATURES:

- All-in-one: Network player, CD player, DAB+ tuner, amplifier, D/A converter
- Direct energy HD amplifier 2 x 75 watt
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD

NETWORK FEATURES:

- Music server function with USB-as-NAS on the home network
- DLNA 1.5 streaming client
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual-band WiFi 2.4 GHz/5 GHz

- Built-in Bluetooth
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)
- Onkyomusic download manager

CONVERTER FEATURES:

- High-precision 384kHz/32bit D/A converter (ESS ES9016)
- DSD 11.2 MHz/PCM 192kHz/24bit

APPS:

- Pioneer Remote App

DESIGN FEATURES:

- 3.5" LCD colour screen with cover display
- Separate power supply for digital & analogue section

OTHER FEATURES:

- Optical & coaxial digital input with D/A converter function
- Phono MM & line input
- USB front & rear input for storage media (FAT & NTFS hard drives)
- Subwoofer output
- Gold-plated terminals
- Aluminium front panel
- IR remote control

SX-S30DAB

NETWORK RECEIVER

AMPLIFIER FEATURES:

- 2 x 85 watts of output power (4 ohms)
- MCACC automated calibration optimised for stereo playback
- FM tuner with RDS/DAB+ tuner
- Hi-res audio playback up to 192kHz/24-bit, DSD 5.6MHz
- Dolby true HD, DTS 96/24, DTS-HD master audio (downmix to 2-channel)

VIDEO FEATURES:

- HDMI with HDCP 2.2 (4 inputs / 1 output)
- 4K ultra-HD video scaler

NETWORK FEATURES:

- DLNA 1.5 streaming client
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi

- Built-in dual band WiFi
- Built-in Bluetooth
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

APPS:

- Pioneer Remote App

OTHER FEATURES:

- 2x analogue input
- 2x digital input with D/A converter function
- Phono input
- USB front input for storage media
- Subwoofer output
- IR remote control

SX-N30AE

NETWORK RECEIVER

AMPLIFIER FEATURES:

- 2 x 110 watts of output power (4 ohms)
- Hi-res audio playback up to 192kHz/24-bit, DSD 5.6MHz
- FM tuner with RDS
- DAB+ with optional USB adapter AS-DB100

NETWORK FEATURES:

- Built-in dual band WiFi (2.4GHz/5GHz)
- Built-in Bluetooth
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi

- Apple AirPlay
- Built-in music streaming services Spotify, TIDAL, Deezer and TuneIn Internet radio

APPS:

- Pioneer Remote App

OTHER FEATURES:

- Phono input (MM)
- Digital optical input
- Analogue cinch (RCA) input
- Front USB input for connecting storage devices

MRX-3 / MRX-5

WIRELESS MULTI-ROOM SPEAKER

Optional wireless speaker for multi-room applications with the NC-50DAB, SX-S30DAB and SX-N30AE. Connect easily via the home network and stream the content from these devices to every room. Available as MRX-3 with mains connection and MRX-5 with integrated rechargeable battery.

SX-20DAB

STEREO RECEIVER

AMPLIFIER FEATURES:

- 2 x 100 watts of output power (8 ohms)
- FM / AM tuner with RDS
- DAB+ tuner

OTHER FEATURES:

- Speaker A/B switch
- 3x line inputs, 1x line output
- Phono MM input
- Aluminium front panel
- IR remote control

SX-10AE

STEREO RECEIVER

AMPLIFIER FEATURES:

- 2 x 100 watts of output power (4 ohms)
- Ultra heavy bass for impressive bass playback
- UHF/MF tuner

OTHER FEATURES:

- Built-in Bluetooth
- 4x line inputs, 1x line output
- Subwoofer pre-out
- Direct switch
- Speaker A/B switch

A-20 / A-10

INTEGRATED AMPLIFIER

AMPLIFIER FEATURES:

- 2 x 50 watts of output power (4 ohms)
- Single EI transformer
- Discretely constructed fully balanced output stage
- Powerful Darlington transistors
- Separate, ground-coupled heat sinks
- Short signal paths from electrolytic capacitors to output stages
- Short signal paths to the connection terminals
- Sturdy substructure

OTHER FEATURES:

- Direct switch
- 5x line inputs, 1x line output
- Phono MM input
- Speaker A/B switch
- Remote control (A-20 only)
- Aluminium front (A-20 only)

PD-10AE

CD PLAYER

MAIN FEATURES:

- High-grade 192kHz/24bit D/A converter (AKM 4482VT)
- Precision clock (+/- 10ppm)
- Silent drive
- Solid 1.6mm sub-chassis
- High-capacity EI power supply
- Plastic front panel

PL-30

RECORD PLAYER

MAIN FEATURES:

- Fully automatic turntable
- Belt drive
- Double-layer chassis design with 4 mm base plate
- Die-cast aluminium turntable
- 5 mm anti-slip mat for vibration damping
- Aluminium tone arm
- Damped tone arm lift
- High-performance MM pick-up system
- Built-in phono EQ
- Anti-skating dial
- Speed changeover switch (33, 45 RPM)
- Gold-plated cinch (RCA) plugs
- Detachable power cord

U-05

USB DAC

AMPLIFIER FEATURES:

- Pre-amplifier output switchable for XLR and line-out (fixed, variable)
- Phase switch for XLR output
- Built-in headphone amplifier
- 3x headphone outputs with fine volume adjust
- Gain switch for variable headphone impedances

CONVERTER FEATURES:

- SABRE Ultra DAC (ES9016S x2)
- USB D/A converter for Mac/PC direct connection (PCM 384 kHz/32-bit and DSD 5.6 MHz)
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- High-precision master clock generator
- Lock range adjust (stopband) for D/A converter
- Switchable digital filters for PCM & DSD
- Hi-bit32 processing & hi-sampling function
- Audio scaler 384 kHz/32-bit

DESIGN FEATURES:

- 2-chamber design with encapsulated transformers
- Double-layer chassis design
- Vibration-absorbing substructure
- Separate aluminium front, side & top panel

OTHER FEATURES:

- 2x optical & coaxial digital inputs
- AES/EBU input

- Balanced XLR output & cinch (RCA) output
- Gold-plated terminals
- IR remote control

Hi-res audio

Experience digitally stored music closer to the analogue original than ever before. This device supports formats beyond the CD standard with a 44.1kHz sampling rate and 16-bit depth. Experience WAV and FLAC files in genuine studio quality with resolutions up to 192kHz/24-bit. The DSD format used on the Super Audio CD is also supported

Air Studios monitor

The Air Studios in London are known worldwide for their unrivalled music production rooms and are the first choice of many well-known artists. MASTER1 are the first headphones ever used as monitoring reference headphones in the AIR Studios, a rare distinction of which we are proud.

Headphone amplifier

The U-05 headphone amplifier has a high-quality D/A converter to reproduce digital sound sources in high definition. Together with the MASTER1 headphones, it delivers a heavenly sound experience.

MASTER1

HIGH-END STEREO HEADPHONES

- Type: Dynamic open headphones (front closed, back open)
- Driver units: ø 50 mm (neodymium magnet)
- Frequency response: 5 Hz to 85,000 Hz
- Max. capacity: 1,500 mW
- Impedance: 45 ohms
- Cable: 3.0 m OFC strand
- Connection: ø 6.3 mm, standard stereo plug (gold-plated contacts)
- Sensitivity: 94 dB
- Weight: 460 g (without cable and tie rod)
- Accessories: Tie rod A: ø 1.6 mm
  Tie rod B: ø 2.0 mm

JCA-XLR30M (SOLD SEPARATELY)

BALANCED XLR CABLE

A balanced XLR cable is sold separately for MASTER1, which is perfectly suited for use with a headphone amplifier and delivers superior sound quality. The cable has XLR connectors made by Neutrik. Both connectors are gold-plated to prevent loss of contact.

MONITOR5

HIGH-END STEREO HEADPHONES

- Type: Dynamic closed headphones
- Driver units: ø 50 mm cellulose nano-fibre broad spectrum drivers
- Frequency response: 5 Hz–85 kHz
- Max. capacity: 1,000 mW
- Impedance: 40 ohms
- Sensitivity: 99 dB
- Cable: High conductivity, low-ohm copper core wires
  3 m two-wire braided cable (asymmetrical)
  1.6 m two-wire braided cable (asymmetrical)
  1.6 m two-wire braided cable (symmetrical)
- Connections: Gold-plated 3.5 mm 3-pin stereo connector (asymmetrical cables)
  Gold-plated 2.5 mm 4-pin stereo connector (symmetrical cable)
  Gold-plated 3.5 mm plug connector for L / R channels (all cables)
- Architecture: Base and housing made of magnesium alloy
  Progressive dual-chamber construction
  Full-frame magnesium alloy cage with screws
- Weight: 480 g (without cables)
- Accessories: Cable 1: asymmetrical cable (OFC strand wire) 1.6 m
  Cable 2: asymmetrical cable (OFC strand wire) 3.0 m
  Cable 3: symmetrical cable (OFC strand wire) 1.6 m
  2x ear pads (polyurethane / leather finish)
  Carry bag
  Gold-plated 3.5 mm to 6.3 mm plug adapter

HI-FI STREAMING – COMPACT, PO

X-HM86D / X-HM76D / X-HM76

HI-FI MICRO-SYSTEM CONTROL UNIT

SYSTEM FEATURES:

- 3.5" LCD colour screen with cover display
- 2 x 65 W output power (X-HM86D)
- 2 x 50 W output power (X-HM76/D)
- FM tuner with RDS
- DAB+ tuner (X-HM86D / X-HM76D)
- Drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- Bass enhancer
- 2-way speakers with 130mm fibreglass low-midrange drivers, 25mm tweeters and high-gloss finish

NETWORK FEATURES:

- Music server function with USB-as-NAS storage on the home network
- DLNA 1.5 streaming client
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Apple AirPlay

- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)
- Onkyomusic download manager

CONVERTER FEATURES:

- High-quality D/A converter (AK4452)
- Built-in headphone amplifier
- Hi-res audio up to 192kHz/24-bit
- DSD up to 11.2MHz

APPS:

- Pioneer Remote App

OTHER FEATURES:

- USB front & rear input for storage media (FAT & NTFS hard drives)
- Line input
- Optical digital input
- Subwoofer output
- Aluminium front panel
- IR remote control

X-HM86D

TECHNICAL DATA:

- 2-way speakers with 130mm fibreglass low-midrange drivers,
- 25mm tweeters and high-gloss finish

AVAILABLE COLOUR COMBINATIONS:

- X-HM86D (B) (black unit, black speakers)
- X-HM86D (S) (silver unit, black speakers)
- XC-HM86D (B) (black unit, without speakers)
- XC-HM86D (S) (silver unit, without speakers)

X-HM76D

TECHNICAL DATA:

- 2-way speakers with 120mm fibreglass low-midrange drivers,
- 25mm tweeters and high-gloss finish

AVAILABLE COLOUR COMBINATIONS:

- X-HM76D (BB) (black unit, black speakers)
- X-HM76D (SB) (silver unit, black speakers)
- X-HM76D (SW) (silver unit, white speakers)

X-HM76

TECHNICAL DATA:

- 2-way speakers with 120mm fibreglass low-midrange drivers,
- 25mm tweeters and satin finish

AVAILABLE COLOUR COMBINATIONS:

- X-HM76 (B) (black unit, black speakers)
- X-HM76 (S) (silver unit, black speakers)

MRX-3 / MRX-5

WIRELESS MULTI-ROOM SPEAKER

Optional wireless speaker for multi-room applications with the X-HM86D, X-HM76D and X-HM76. Connect easily via the home network and stream the content from these devices to every room. Available as MRX-3 with mains connection and MRX-5 with integrated rechargeable battery.

X-HM36D

WiFi · Bluetooth · DAB+

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 W (class D)
- FM tuner with RDS
- DAB+ tuner
- Drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P.BASS" bass enhancer
- 2-way speakers

Available in these colour combinations:
X-HM36D (B) (black unit, black speakers)
X-HM36D (S) (silver unit, black speakers)

NETWORK FEATURES:

- Built-in WiFi & Bluetooth
- Spotify
- Internet radio (TuneIn)
- USB input for storage media

OTHER FEATURES:

- Line input (3.5mm)
- IR remote control

X-HM32V

Bluetooth

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 30 watts of output power
- FM tuner with RDS
- Drive for DVD, CD, CD-R/RW, MP3, WMA
- GUI (graphical on-screen menu)
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P-BASS" bass enhancer
- 2-way speakers

NETWORK FEATURES:

- Built-in Bluetooth
- iPod, iPhone, iPad via USB with charging function

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- HDMI output
- USB input for storage media
- Aluminium front panel
- IR remote control

Available in these colour combinations:
X-HM32V-K (black unit, black speakers)
X-HM32V-S (silver unit, black speakers)

iPhone not
in the package contents

X-HM26D / X-HM26

Bluetooth · DAB+

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 W output power
- FM tuner with RDS tuner
- DAB+ tuner (X-HM26D)
- Drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P.BASS" bass enhancer
- 2-way speakers

Available in these colour combinations:
X-HM26 (B), X-HM26D (B) (black unit, black speakers)
X-HM26 (S), X-HM26D (S) (silver unit, black speakers)

NETWORK FEATURES:

- Built-in Bluetooth
- USB input for storage media

OTHER FEATURES:

- Line input (3.5mm)
- IR remote control

X-HM16

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 W output power
- FM tuner with RDS tuner
- Drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P.BASS" bass enhancer
- 2-way speakers

OTHER FEATURES:

- USB input for storage media
- Line input (3.5mm)
- IR remote control

Available in these colour combinations:
X-HM16 (B) (black unit, black speakers)
X-HM16 (S) (silver unit, black speakers)

X-CM56D / X-CM56

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 W (class D)
- FM tuner with RDS
- DAB+ tuner (X-CM56D)
- Drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P.BASS" bass enhancer
- 2-way speakers

NETWORK FEATURES:

- Built-in Bluetooth
- NFC (near field communication) for contactless connection to your smart phone
- USB input for storage media

OTHER FEATURES:

- Line input (3.5mm)
- IR remote control

Available in these colour combinations:

X-CM56 (W), X-CM56D (W) (white/beech)
X-CM56 (B), X-CM56D (B) (black/walnut)
X-CM56 (GR), X-CM56D (GR) (green/beech)
X-CM56 (R), X-CM56 (R) (pink/beech)

X-CM66D

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 W (class D)
- FM tuner with RDS
- DAB+ tuner
- Drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P.BASS" bass enhancer
- 2-way speakers

NETWORK FEATURES:

- Built-in WiFi & Bluetooth
- Spotify, Internet radio (Tuneln)
- NFC (near field communication) for contactless connection to your smart phone
- USB input for storage media

OTHER FEATURES:

- Line input (3.5mm)
- IR remote control

Available in these colour combinations:

X-CM66D (W) (white/beech)
X-CM66D (B) (black/walnut)

YOUR SOUND, YOUR STYLE.

iPhone not included in the package contents

X-CM35

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 watts of output power
- FM / AM tuner with RDS
- Drive for CD, MP3, WMA
- Tone control (bass & treble)
- Equaliser with 4 presets
- "P-BASS" bass enhancer
- 2-way speakers

Available in these colour combinations:

X-CM35-K (black unit, black speakers)
X-CM35-L (blue unit, blue speakers)
X-CM35-R (red unit, red speakers)

NETWORK FEATURES:

- NFC (near field communication) for contactless connection to your smartphone
- Built-in Bluetooth
- iPod, iPhone, iPad via USB with charging function

X-CM35-W (white unit, white speakers)
X-CM35-Y (yellow unit, yellow speakers)
X-CM35-D (orange unit, white speakers)
X-CM35-N (green unit, white speakers)

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- USB input for storage media
- Line input
- IR remote control

X-CM32BTD

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 15 W (class D)
- Drive for CD, MP3, WMA
- FM tuner with RDS
- DAB+ tuner
- Equaliser with 4 presets
- "P-BASS" bass enhancer

NETWORK FEATURES:

- Built-in Bluetooth
- iPod, iPhone, iPad via USB with charging function

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- USB input for storage media
- IR remote control

X-SMC02D

Bluetooth™ DAB+ Digital Audio Broadcasting

SLIM MINI COMPONENT

SYSTEM FEATURES:

- 2 x 10 watts of output power
- DAB+ tuner
- FM tuner with RDS
- Drive for CD, MP3, WMA
- Motorised front panel for CD drive
- Equaliser with 4 presets
- "P-BASS" bass enhancer

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- USB input for storage media
- IR remote control
- Wall-mountable

X-SMC02

Bluetooth™

SLIM MINI COMPONENT

SYSTEM FEATURES:

- 2 x 10 watts of output power
- FM tuner with RDS
- Drive for CD, MP3, WMA
- Motorised front panel for CD drive
- Equaliser with 4 presets
- "P-BASS" bass enhancer

NETWORK FEATURES:

- Built-in Bluetooth
- iPod, iPhone, iPad via USB
  with charging function

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- USB input for storage media
- IR remote control
- Wall-mountable

X-PM32

🔵 Bluetooth

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 75 watts of output power
- FM tuner with RDS
- Drive for CD, MP3, WMA
- Equaliser with 4 presets
- "P-BASS" bass enhancer

NETWORK FEATURES:

- Built-in Bluetooth

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- USB input for storage media
- AUX input
- Subwoofer output
- IR remote control
- Speakers can be set up horizontally or vertically

X-PM12

🔵 Bluetooth

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 38 watts of output power
- FM tuner with RDS
- Drive for CD, MP3, WMA
- Equaliser with 4 presets
- "P-BASS" bass enhancer

NETWORK FEATURES:

- Built-in Bluetooth

APPS:

- Pioneer wireless streaming app

OTHER FEATURES:

- USB input for storage media
- AUX input
- Subwoofer output
- IR remote control
- Speakers can be set up horizontally or vertically

X-EM26

🔵 Bluetooth

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 5 watts of output power
- FM tuner
- Drive for CD, MP3, WMA

NETWORK FEATURES:

- Built-in Bluetooth

OTHER FEATURES:

- USB input for storage media
- AUX input
- IR remote control

X-EM16

HI-FI MICRO-SYSTEM

SYSTEM FEATURES:

- 2 x 5 watts of output power
- FM tuner
- Drive for CD, MP3, WMA

OTHER FEATURES:

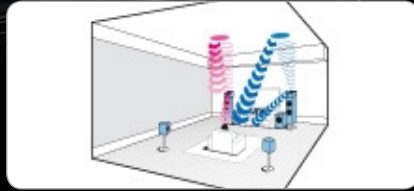- USB input for storage media
- AUX input
- IR remote control

Dolby Atmos

Many Pioneer multi-channel receivers are compatible with the Dolby Amos® immersive sound format. They can reproduce the sound of object-based, dynamically moving objects or realistically depict three-dimensional move-ments in the room through the speakers radiating upwards. Achieving the best Dolby Atmos® experience requires a corresponding playback environment. The Pioneer MCACC Pro calibration software that perfectly matches the Dolby Atmos® specifications allows an authentic, lifelike film sound backdrop. Immerse yourself completely in the film world of your choice and experience movies with perfectly synchronised picture & sound like never before.

DTS:X

DTS:X is the next-generation audio codec from DTS that uses object-based audio to generate new interactive audio experiences to allow the listeners to immerse themselves in a spatial soundscape. Since DTS:X makes the acoustic adjustments to the existing channels of the speaker system used, new speakers are not needed. Experience a sound field with incredible auditory source width and generous sizing. With the ideal playback environment, calibrated with Pioneer MCACC Pro, and the precise, powerful multi-channel playback of a Direct Energy HD amplifier, you maximise the benefits of the DTS:X audio format.

Reflex Optimizer

Using Dolby Atmos-supported speakers creates a reverberation of the highly bundled sound produced by the system from the ceiling, while the not so highly bundled sound reaches the ear directly. The different pathways cause a phase shift, producing a sound disharmony. Based on the technology used for phase control, the Reflex Optimizer makes it possible to compensate for the phase shift and therefore, thanks to frequency coordination of the speaker range at the floor and ceiling, localises the sound to create an optimum playback environment.

Chromecast built-in

Thanks to integrated Chromecast technology, you can use your mobile device to stream your favourite music, radio or podcasts to your Pioneer system. You can play music from anywhere in the home with Chromecast-capable apps on your Android smartphone, iPhone, iPad and tablet, Mac and Windows laptop or Chromebook. Discover Chromecast-capable apps at g.co/cast/audioapps. The Chromecast built-in logo is a trademark of Google Inc.

FireConnect

FireConnect™ is a powerful and secure WiFi-based transmission standard and can®supply up to 8 rooms simultaneously with the same or different programme sources. Fromanalogue vinyl to digital media such as CD or Blu-ray, TV sound, TuneIn Internet radio or music from streaming services such as Spotify, TIDAL or Deezer – FireConnect supplies all of this content to compatible devices in your home network in the best possible quality and without dropouts thanks to the adaptive use of bandwidth.

DTS Play-Fi

DTS Play-Fi is a new streaming standard for multi-room audio, allowing music from mobile devices to be streamed on speakers throughout the home. Play-Fi supports multi-room, multi-zone and multi-user setups. Here the brand of the speakers does not play a role, since all Play-Fi-capable devices are fully compatible with each other. Numerous streaming services already support Play-Fi and the list keeps on growing.

MULTI-CHANNEL AT REFERENCE LEVEL.

SC-LX901

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:
- 11 channels, 200 watts each (1 kHz, 6 ohms)
- Direct Energy HD output stage
- Air Studios sound tuning
- 384kHz/32bit SABRE 32 ultra (ES9016S) D/A converter
- Dolby Atmos, Dolby True HD, DTS-HD Master Audio
- DTS:X
- Reflex Optimizer
- Digital core engine with Cirrus Logic (quad-core)
- MCACC Pro with subwoofer EQ (4-band) Full-band phase control, precision distance
- Advanced sound retriever (2-channel)
- DSD direct playback via network/USB (11.2, 5.6, 2.8 MHz/2-channel)
- DSD disc (SACD) playback via HDMI (2.8 MHz/5.1-channel, 2-channel)

VIDEO FEATURES:
- HDMI with HDCP 2.2 (8 inputs/2 outputs)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler

NETWORK FEATURES:
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

APPS:
- iControlAV5
- Pioneer Remote App

DESIGN FEATURES:
- Advanced direct construction
- Rigid trans-stabiliser
- Anti-standing wave insulator

OTHER FEATURES:
- 11.2 pre-amp output
- MM phono input
- 2 independent subwoofer outputs
- Front USB & HDMI & audio in
- Zone 2 and 3 pre-amp output
- 2 digital coaxial inputs
- 3 digital optical inputs
- New GUI (graphical user interface)
- IR remote control

SC-LX801

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:
- 9 channels, 200 watts each (1 kHz, 6 ohms)
- Direct Energy HD output stage
- Air Studios sound tuning
- 384kHz/32bit SABRE 32 ultra (ES9016S) D/A converter
- Dolby Atmos, Dolby True HD, DTS-HD Master Audio, DTS:X
- Reflex Optimizer
- Digital core engine with Cirrus Logic (quad-core)
- MCACC Pro with subwoofer EQ (4-band)
- Full-band phase control, precision distance
- Advanced sound retriever (2-channel)
- DSD direct playback via network/USB (11.2, 5.6, 2.8 MHz/2-channel)
- DSD disc (SACD) playback via HDMI (2.8 MHz/5.1-channel, 2-channel)

VIDEO FEATURES:
- HDMI with HDCP 2.2 (8 inputs / 2 outputs)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler

NETWORK FEATURES:
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

APPS:
- iControlAV5
- Pioneer Remote App

DESIGN FEATURES:
- Advanced direct construction
- Rigid trans-stabiliser
- Anti-standing wave insulator

OTHER FEATURES:
- 11.2 pre-amp output
- MM phono input
- 2 independent subwoofer outputs
- Front USB & HDMI & audio in
- Zone 2 and 3 pre-amp output
- 2 digital coaxial inputs
- 3 digital optical inputs
- New GUI (graphical user interface)
- IR remote control

SC-LX701

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:
- 9 channels, 185 watts each (1 kHz, 6 ohms)
- Direct Energy HD output stage
- 384kHz/32bit SABRE 32 ultra (ES9016S) D/A converter
- Dolby Atmos, Dolby True HD, DTS-HD Master Audio, DTS:X
- Reflex Optimizer
- Digital core engine with Cirrus Logic (quad-core)
- MCACC Pro with subwoofer EQ (4-band)
- Full-band phase control, precision distance
- Advanced sound retriever (2-channel)
- DSD direct playback via network/USB (11.2, 5.6, 2.8 MHz/2-channel)
- DSD disc (SACD) playback via HDMI (2.8 MHz/5.1-channel, 2-channel)

VIDEO FEATURES:
- HDMI with HDCP 2.2 (8 inputs / 2 outputs)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler

NETWORK FEATURES:
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

APPS:
- iControlAV5
- Pioneer Remote App

DESIGN FEATURES:
- Advanced direct construction
- Rigid trans-stabiliser
- Anti-standing wave insulator

OTHER FEATURES:
- 11.2 pre-amp output
- MM phono input
- 2 independent subwoofer outputs
- Front USB & HDMI & audio in
- Zone 2 and 3 pre-amp output
- 2 digital coaxial inputs
- 3 digital optical inputs
- New GUI (graphical user interface)
- IR remote control

UNCOMPROMISING MULTI-CHANI

SC-LX502

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:
- 7 channels, 180 watts each (1 kHz, 6 ohms)
- Direct Energy HD output stage
- 768kHz/32-bit (AK4458) D/A converter
- Dolby Atmos, Dolby True HD, DTS-HD Master Audio
- DTS:X/DTS Neural:X
- Reflex Optimizer
- Digital core engine with Cirrus Logic (quad-core)
- MCACC auto room tuning with subwoofer EQ (4-band)

- Advanced sound retriever (2-channel)
- DSD direct playback via network/USB (11.2, 5.6, 2.8MHz/2-channel)
- DSD disc (SACD) playback via HDMI (2.8MHz/5.1-channel, 2-channel)

VIDEO FEATURES:
- HDMI with HDCP 2.2 (7 inputs / 2 outputs)
- HDR (Dolby Vision, HDR10, HLG, BT.2020) signal processing
- 4K ultra-HD video scaler

APPS:
- Pioneer Remote App

NETWORK FEATURES:
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual band WiFi (2.4/5GHz)
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay

DESIGN FEATURES
- Anti-standing wave insulator

OTHER FEATURES:
- Subwoofer pre-out
- MM phono input
- Front USB and HDMI in
- 1 digital coaxial input
- 2 digital optical inputs
- New GUI (graphical user interface)

VSX-LX302

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:
- 7 channels, 170 watts each (1 kHz, 6 ohms)
- Direct Energy output stage
- 384 kHz/32-bit D/A converter
- Dolby Atmos, Dolby True HD, DTS-HD Master Audio
- DTS:X/DTS Neural:X
- Reflex Optimizer
- Digital core engine with Cirrus Logic (quad-core)
- MCACC auto room tuning with subwoofer EQ (4-band)

- Advanced sound retriever (2-channel)
- DSD direct playback via network/USB (11.2, 5.6, 2.8MHz/2-channel)
- DSD disc (SACD) playback via HDMI (2.8MHz/5.1-channel, 2-channel)

VIDEO FEATURES:
- HDMI with HDCP 2.2 (7 inputs / 2 outputs)
- Dolby Vision, HDR10, BT.2020 signal processing
- 4K ultra-HD video scaler

APPS:
- Pioneer Remote App

NETWORK FEATURES:
- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Built-in dual band WiFi (2.4/5GHz)
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay

OTHER FEATURES:
- Subwoofer pre-out
- MM phono input
- Front USB and HDMI in
- 1 digital coaxial input
- 2 digital optical inputs
- New GUI (graphical user interface)

MRX-3 / MRX-5

WIRELESS MULTI-ROOM SPEAKER

Optional wireless speaker for multi-room applications with these devices. Connect easily via the home network and stream the content from this device to every room. Available as MRX-3 with mains connection and MRX-5 with integrated rechargeable battery.

VSX-932

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:

- 7 channels, 130 watts each (1 kHz, 6 ohms)
- 384KHz/32bit D/A converter (AK4438)
- Dolby Atmos/Dolby Surround
- Dolby TrueHD/Dolby Digital Plus
- DTS:X/DTS Neural:X
- Reflex Optimizer
- DTS-HD Master Audio
- Digital core engine with Cirrus Logic (quad-core)
- MCACC auto room tuning
- Advanced sound retriever

VIDEO FEATURES:

- UltraHD pass-through with HDCP 2.2
- UltraHD upscaling from 1080p to 4K
- HDR10 and BT.2020 support
- Dolby Vision compatible

NETWORK FEATURES:

- Built-in dual band WiFi (2.4GHz/5GHz)
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, ALAC, AIFF, DSD

- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Apple AirPlay
- Built-in Spotify, TIDAL, Deezer and TuneIn Internet radio

APPS:

- Pioneer Remote App

OTHER FEATURES

- 4 HDMI inputs/1 output
- Phono input (MM)
- 2 x subwoofer pre-out
- GUI (graphical user interface) with straightforward system/network setup
- Straightforward and user-friendly remote control

VSX-832

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:

- 5 channels, 130 watts each (1 kHz, 6 ohms)
- 384KHz/32-bit D/A converter (AK4438)
- Dolby Atmos for 3.2.1/Dolby surround
- Dolby TrueHD/Dolby Digital Plus
- DTS:X/DTS Neural:X
- Reflex Optimizer
- DTS-HD Master Audio
- Digital core engine with Cirrus Logic (quad-core)
- MCACC auto room tuning
- Advanced sound retriever

VIDEO FEATURES:

- UltraHD pass-through with HDCP 2.2
- UltraHD upscaling from 1080p to 4K
- HDR10 and BT.2020 support
- Dolby Vision compatible

NETWORK FEATURES:

- Built-in dual band WiFi (2.4GHz/5GHz)
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, ALAC, AIFF, DSD

- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Apple AirPlay
- Built-in Spotify, TIDAL, Deezer and TuneIn Internet radio

APPS:

- Pioneer Remote App

OTHER FEATURES

- 4 HDMI inputs/1 output
- GUI (graphical user interface) with straightforward system/network setup
- Straightforward and user-friendly remote control

AS-DB100

USB ADAPTER WITH INTEGRATED TUNER FOR DAB+

COMPATIBLE WITH:

- VSX-LX302
- VSX-932
- VSX-832
- SX-N30AE

TECHNICAL DATA:

- USB cable included in the package contents
- DAB+ antenna included in the package contents
- Reception range: 174,928 (5 A) - 239,200 (13 F) MHz band III
- Dimensions (WxHxD) in mm: 30x16x76.8
- Weight: 22g
- USB type 2 connection

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VSX-531D

MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:

- 5 channels, 130 watts each (1 kHz, 6 ohms)
- 192 kHz/24-bit D/A converter
- Dolby Digital Plus, Dolby Pro Logic II, Dolby True HD
- DTS-HD Master Audio, DTS-HD high-resolution audio
- Digital core engine with Texas Instruments Aereus
- DAB/DAB+ tuner for digital radio
- MCACC auto room tuning
- Phase control
- Advanced sound retriever (2-channel)

VIDEO FEATURES:

- HDMI with HDCP 2.2 (4 inputs / 1 output)
- HDR support
- 4K ultra-HD transmission

NETWORK FEATURES:

- Built-in Bluetooth

OTHER FEATURES:

- OSD on-screen display
- ECO mode
- Front USB & audio in
- IR remote control

VSX-531

MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:

- 5 channels, 130 watts each (1 kHz, 6 ohms)
- 192 kHz/24-bit D/A converter
- Dolby Digital Plus, Dolby Pro Logic II, Dolby True HD
- DTS-HD Master Audio, DTS-HD high-resolution audio
- Digital core engine with Texas Instruments Aereus
- MCACC auto room tuning
- Phase control
- Advanced sound retriever (2-channel)

VIDEO FEATURES:

- HDMI with HDCP 2.2 (4 inputs / 1 output)
- HDR support
- 4K ultra-HD transmission

NETWORK FEATURES:

- Built-in Bluetooth

OTHER FEATURES:

- OSD on-screen display
- ECO mode
- Front USB & audio in
- IR remote control

HTP-074

HOME CINEMA PACKAGE

AMPLIFIER FEATURES:

- 6 channels, 100 watts each (1 kHz, 6 ohms)
- 192 kHz/24-bit D/A converter
- Dolby TrueHD, DTS-HD Master Audio
- Phase control & advanced sound retriever

VIDEO FEATURES:

- HDMI with HDCP 2.2 (4 inputs/1 output)
- 4k ultra-HD transmission
- Deep colour, x.v. colour

NETWORK FEATURES:

- Built-in Bluetooth

5.1 SPEAKER SET

- 2x front: 7.7 cm cone, 150 W capacity
- 2x surround: cone, 150 W capacity
- Centre: 7.7 cm cone, 150 W capacity
- Subwoofer: 16 cm cone, 100 W capacity

OTHER FEATURES:

- RDS tuner

- OSD (on-screen display)
- ECO mode
- USB front input
- IR remote control

VSX-S520D

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:

- 6 channels, 80 watts each (1kHz, 4 ohms)
- Dolby TrueHD, DTS-HD Master Audio
- Pioneer MCACC with phase control
- Hi-res audio playback up to 192kHz/24-bit, DSD 5.6MHz
- DAB/DAB+ tuner for digital radio

VIDEO FEATURES:

- HDMI with HDCP 2.2 (4 inputs / 1 output)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler
- Deep colour, x.v. colour

NETWORK FEATURES:

- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- DLNA 1.5 streaming client

- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

APPS:

- Pioneer Remote App

OTHER FEATURES:

- Subwoofer output
- USB front input
- Pre-programmed IR remote control

BDP-X300

3D BLU-RAY DISC PLAYER

VIDEO FEATURES:

- Universal player for Blu-ray, DVD, CD, SACD
- 4K ultra-HD video scaler
- 36-bit deep colour, x.v. colour

AUDIO FEATURES:

- 192 kHz/24-bit D/A converter
- HQ sound mode (HDMI)
- PQLS jitter suppression

NETWORK FEATURES:

- Built-in WiFi/WiFi direct
- Wi-Fi Miracast
- Hi-res audio WAV, FLAC, ALAC, DSD
- DLNA 1.5 streaming client

APPS:

- Pioneer Remote App
- iControlAV5

OTHER FEATURES:

- GUI (graphical user interface)
- Firmware update per USB/network
- Gold-plated HDMI connector
- Gold-plated coaxial digital output
- Gold-plated optical digital output
- 2 USB connections (1x front, 1x back)
- IR remote control

VSX-S520

NETWORK MULTI-CHANNEL RECEIVER

AMPLIFIER FEATURES:

- 6 channels, 80 watts each (1kHz, 4 ohms)
- Dolby TrueHD, DTS-HD Master Audio
- Pioneer MCACC with phase control
- Hi-res audio playback up to 192kHz/24-bit, DSD 5.6MHz

VIDEO FEATURES:

- HDMI with HDCP 2.2 (4 inputs / 1 output)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler
- Deep colour, x.v. colour

NETWORK FEATURES:

- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- DLNA 1.5 streaming client

- FireConnect multi-room
- Integrated Chromecast technology
- DTS Play-Fi
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

OTHER FEATURES:

- Subwoofer output
- USB front input
- Pre-programmed IR remote control

BDP-180

3D BLU-RAY DISC PLAYER

VIDEO FEATURES:

- 3D Blu-ray disc player with DVD, CD, SACD playback
- 4K Ultra HD video scaler
- 36-bit deep colour, x.v. colour

AUDIO FEATURES:

- 192 kHz/24-bit D/A converter

NETWORK FEATURES:

- Built-in WiFi/WiFi direct
- WiFi Miracast
- Hi-res audio WAV, FLAC, ALAC, DSD
- DLNA 1.5 streaming client
- YouTube streaming client

APPS:

- Pioneer Remote App
- iControlAV5

OTHER FEATURES:

- GUI (graphical user interface)
- HDMI output
- Optical digital output
- 2 USB connections (1x front, 1x back)
- IR remote control

SPEAKERS FOR DOLBY ATMOS AND DTS:X

S-FS73A

dts X *DOLBY AUDIO* *DOLBY ATMOS*

FLOOR-STANDING SPEAKERS

- Bass speaker: 13 cm aluminium cone
- Midrange speaker: 10 cm aluminium cone
- Tweeter: 2.5 cm soft dome
- Housing: bass reflex floor-standing speakers
- Impedance: 4 ohms
- Frequency response: 38 – 20,000 Hz
- Sensitivity: 86 dB
- Maximum capacity: 140 watts
- Weight: 16 kg

S-BS73A

dts X *DOLBY AUDIO* *DOLBY ATMOS*

BOOKSHELF SPEAKERS

- Bass speaker: 13 cm aluminium cone
- Midrange speaker: 10 cm aluminium cone
- Tweeter: 2.5 cm soft dome
- Housing: bass reflex bookshelf speakers
- Impedance: 4 ohms
- Frequency response: 40 – 20,000 Hz
- Sensitivity: 85 dB
- Maximum capacity: 140 watts
- Weight: 7.2 kg

S-C73A

dts X *DOLBY AUDIO* *DOLBY ATMOS*

CENTRE SPEAKER

- Bass speaker: 13 cm aluminium cone
- Midrange speaker: 10 cm aluminium cone
- Tweeter: 2.5 cm soft dome
- Housing: bass reflex centre speaker
- Impedance: 4 ohms
- Frequency response: 45 – 20,000 Hz
- Sensitivity: 85 dB
- Maximum capacity: 140 watts
- Weight: 8 kg

HI-FI AND HOME CINEMA SPEAKERS

S-71

FLOOR-STANDING SPEAKERS

- Bass speaker: 2 x 13 cm Aramid cone
- Midrange speaker: 13 cm coaxial Aramid cone
- Tweeter: 2.5 cm coaxial titanium soft dome
- Housing: bass reflex floor-standing speaker
- Impedance: 6 ohms
- Frequency response: 33 – 50,000 Hz
- Sensitivity: 85 dB
- Maximum capacity: 130 watts

S-71B

BOOKSHELF SPEAKERS

- Bass speaker: 13 cm coaxial Aramid cone
- Tweeter: 2.5 cm coaxial titanium soft dome
- Housing: bass reflex bookshelf speakers
- Impedance: 6 ohms
- Frequency response: 43 – 50,000 Hz
- Sensitivity: 83 dB
- Maximum capacity: 130 watts

S-71C

CENTRE SPEAKER

- Bass speaker: 13 cm coaxial Aramid cone
- Tweeter: 2.5 cm coaxial titanium soft dome
- Housing: bass reflex centre speaker
- Impedance: 6 ohms
- Frequency response: 43 – 50,000 Hz
- Sensitivity: 83 dB
- Maximum capacity: 130 watts

S-W71

SUBWOOFER

- Driver: 25 cm cone woofer
- Housing: Bass reflex
- Impedance: 20 kiloohms
- Frequency response: 26 - 1,000 Hz
- Maximum capacity: 160 watts RMS
- Weight: 19.3 kg

S-W51

SUBWOOFER

- Driver: 20 cm cone woofer
- Housing: Bass reflex
- Impedance: 20 kiloohms
- Frequency response: 26 - 900 Hz
- Maximum capacity: 130 watts RMS
- Weight: 13.5 kg

S-31

FLOOR-STANDING SPEAKERS

- Bass speaker: 13 cm aluminium cone
- Midrange speaker: 10 cm aluminium cone
- Tweeter: 2.5 cm soft dome
- Housing: bass reflex floor-standing speakers
- Impedance: 4 ohms
- Frequency response: 38 – 20,000 Hz
- Sensitivity: 86 dB
- Maximum capacity: 140 watts
- Weight: 16 kg

Dolby Atmos

Many Pioneer multi-channel receivers are compatible with the Dolby Amos® audio format. They can reproduce the sound of object-based, dynamically moving objects or realistically depict three-dimensional movements in the room through the speakers radiating upwards. Achieving the best Dolby Atmos® experience requires a corresponding playback environment. The Pioneer MCACC Pro calibration software that perfectly matches the Dolby Atmos® specifications allows an authentic, lifelike film sound backdrop. Immerse yourself completely in the film world of your choice and experience movies with perfectly synchronised picture & sound like never before.

DTS:X

DTS:X is the next-generation audio codec from DTS that uses object-based audio to generate new, interactive audio experiences that allow listeners to immerse themselves in a spatial soundscape. Since DTS:X makes the acoustic adjustments to the existing channels of the speaker system used, new speakers are not needed. Experience a sound field with incredible auditory source width and generous sizing. With the ideal playback environment, calibrated with Pioneer MCACC Pro, and the precise, powerful multi-channel playback of a Direct Energy HD amplifier, the benefits of the DTS:X audio format are maximised.

TECHNICAL DATA

MULTI-CHANNEL RECEIVER

Model	SC-LX901	SC-LX801	SC-LX701	SC-LX502	VSX-LX302	VSX-932	VSX-832	VSX-S520D/VSX-S520	VSX-531D/VSX-531
Number of channels	11	9	9	7	7	7	7	5	5
Number of subwoofer outputs	2	2	2	2	1	1	1	1	1
Type of output stages	Class D (Direct Energy HD)	Class D (Direct Energy HD)	Class D (Direct Energy HD)	Class D Direct Energy HD	Direct Energy	Direct Energy	Direct Energy	Class D	Direct Energy
Output per channel	200 W (6 ohms)	200 W (6 ohms)	185 W (6 ohms)	180 W (6 Ohms)	170 W (6 ohms)	130 W (6 ohms)	130 W (6 ohms)	80 W (4 ohms)	130 W (6 ohms)
AIR Studios Sound Tuning	Yes	Yes	No	No	No	No	No	No	No
Dolby Atmos/Dolby Surround	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Atmos for 3.1.2-channel)	No	No
DTS:X/DTS Neural:X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Reflex Optimizer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Dolby TrueHD/Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTS-HD Master Audio/DTS-HD High-Resolution Audio/DTS 96/24/DTS-ES/DTS-HD Express	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (NO DTS-ES, but DTS Neo:6 5.1)	Yes (NO DTS-ES, but DTS Neo:6 5.1)
DSD direct playback via network/USB (11.2, 5.6, 2.8MHz/2-channel)	Yes	Yes	Yes	Yes	No	No	No	Yes (NO 11.2MHz)	No
DSD disc (SACD) playback via HDMI (2.8MHz/5.1-channel, 2-channel)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Digital core engine with Cirrus Logic (quad-core)	1x	1x	1x	1x	1x	1x	1x	1x	No (DCE with Texas Instruments Aureus DSP)
D/A converter	ESS SABRE Ultra DAC (ES9016S)	ESS SABRE Ultra DAC (ES9016S)	ESS SABRE Ultra DAC (ES9016S)	768kHz/32-bit (AK4458)	384kHz/32-bit (AK4458)	384kHz/32-bit DAC (AK4438)	384kHz/32-bit DAC (AK4438)		192kHz/24-bit DAC
MCACC Pro with full band phase control/precision distance/subwoofer EQ (4-band)	Yes	Yes (WITHOUT Precision Distance)	Yes (WITHOUT Precision Distance)	No (MCACC Auto Room Tuning)	No (MCACC Auto Room Tuning)	No (MCACC Auto Room Tuning)	No (MCACC Auto Room Tuning)	No (MCACC Auto Room Tuning)	No (MCACC Auto Room Tuning)
Advanced sound retriever (2-channel)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ultra HD pass-through with HDCP 2.2 (4K/60p/4:4:4/24-bit, 4K/24p/4:4:4/36-bit, 4K/60p/4:2:0/36-bit)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No (ONLY 60p/4K/4:4:4)
HDR and BT.2020 support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
UltraHD upscaling (1080p -> 4K)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
FireConnect	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Chromecast built-in	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Apple AirPlay certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Spotify, TIDAL, Deezer ready	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Internet radio (TuneIn)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Hi-res audio playback via USB/network up to 192kHz/24-bit ALAC, AIFF, FLAC, WAV; 11.2/5.6/2.8MHz DSD playback Dolby TrueHD playback (USB only)	Yes	Yes	Yes	Yes	Yes (DSD playback not over WLAN, NO 11.2MHz)	Yes (DSD playback not over WLAN, NO 11.2MHz)	Yes (DSD playback not over WLAN, NO 11.2MHz)	Yes (NO 11.2MHz, NO Dolby TrueHD playback)	No
Built-in dual band WiFi (2.4/5GHz)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Built-in Bluetooth (version: 4.1, profiles: A2DP/AVRCP, codec: SBC/AAC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No (version: 3.0, profile: A2DP, codec: SBC/AAC)
Pioneer Remote App ready (iOS/Android)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
iControlAV5 control app ready (iOS/Android)	Yes	Yes	Yes	Yes	No	No	No	No	No
New GUI with system/network setup menu	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Front HDMI	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Front USB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HDMI inputs	8 (7 rear/1 front)	8 (7 rear/1 front)	8 (7 rear/1 front)	7 (6 rear/1 front)	7 (6 rear/1 front)	5 (4 rear/1 front)	4	4	4
HDMI outputs	2 (1 main/1 sub)	2 (1 main/1 sub)	2 (1 main/1 sub)	2 (1 main/1 sub)	2 (1 main/1 sub)	1	1	1	1
Phono input (MM)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Digital optical input	3 (assignable)	3 (assignable)	3 (assignable)	2 (assignable)	2 (assignable)	2 (assignable)	1 (assignable)	1 (assignable)	1 (assignable)
Digital coaxial input	2 (assignable)	2 (assignable)	2 (assignable)	1 (assignable)	1 (assignable)	1 (assignable)	1 (assignable)	1 (assignable)	1 (assignable)
Subwoofer pre-out	2	2	2	2	2	2	1	1	1
Zone 2 pre/line out	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Zone 3 pre/line out	Yes	Yes	No	No	No	No	No	No	No
Weight	18.3 kg	18.1 kg	15.3 kg	12.1 kg	10 kg	8.8 kg	8.6 kg	4.0 kg	8 kg
Miscellaneous				DTS Play-Fi ready	Dolby Vision compatible, DTS Play-Fi ready, 3.5 mm front jack input, USB rear input for USB drive, DAB+ can be retrofitted with USB dongle AS-DB100	Dolby Vision compatible, DTS Play-Fi ready, 3.5 mm front jack input, USB rear input for USB drive, DAB+ can be retrofitted with USB dongle AS-DB100	Dolby Vision compatible, DTS Play-Fi ready, 3.5 mm front jack input, USB rear input for USB drive, DAB+ can be retrofitted with USB dongle AS-DB100	VSX-S520D same as VSX-S520, additionally with DAB+, Dolby Pro Logic II	Dolby Pro Logic II VSX-531D same as VSX-531, additionally with DAB+

PURE AUDIO NETWORK PLAYER

Model	N-70AE	N-50AE	N-30AE
Chromecast built-in	Yes	Yes	Yes
FireConnect	Yes	Yes	Yes
Apple AirPlay	Yes	Yes	Yes
Spotify, TIDAL, Deezer ready	Yes	Yes	Yes
TuneIn Internet radio	Yes	Yes	Yes
D/A converter	SABRE Ultra DAC (ES 9016S x 2) (8-channel parallel drive)	SABRE Ultra DAC (ES 9016S) (4-channel parallel drive)	AKM (2-channel parallel drive)
DSD playback up to 11.2MHz	Yes	Yes	Yes
Hi-res audio playback up to 192kHz/24-bit (WAV/FLAC/ALAC/AIFF)	Yes	Yes	Yes
USB-DAC function (up to 384kHz/32-bit LPCM, 11.2MHz DSD)	Yes	Yes	No
Headphone amplifier	Yes (with Texas Instruments TPA6120)	No	No
Hi-bit32 signal processing	Yes	Yes	No
Up-sampling to 384kHz	Yes	Yes	No
Lock range adjust (stopband) for jitter reduction	Yes	Yes	No
Gapless playback (WAV/FLAC/AIFF/ALAC)	Yes	Yes	Yes
Digital output on/off switch (to prevent digital noise effect on analogue audio)	Yes	Yes	No
3-chamber architecture with double encapsulated transformer layout	Yes	No (double transformers only)	No
High-quality components including own capacitors for the power supply and cinch connection terminals	Yes	No	No
Torsion-resistant substructure	Yes	Yes	No
Aluminium front panel	Yes	Yes	Yes
Aluminium side panels	Yes	No	No
Music server function with USB-as-NAS function on the home network	Yes	Yes	No
Compatible with the Pioneer Remote App	Yes	Yes	Yes
Built-in dual band WiFi (2.4/5GHz)	Yes	Yes	Yes
3.5" LCD colour screen with cover display	Yes	Yes	Yes
USB front input	Yes	Yes	Yes
USB rear input	Yes	Yes	Yes
USB-DAC in	Yes	Yes	No
Headphone output	Yes	No	No
Cinch (RCA) output	Yes (gold-plated)	Yes (gold-plated)	Yes
XLR output	Yes	No	No
Digital coaxial input	Yes (gold-plated)	Yes (gold-plated)	No
Digital optical input	Yes	Yes	No
Digital coaxial output	Yes (gold-plated)	Yes (gold-plated)	No
Digital optical output	Yes	Yes	No
Weight	11.4 kg	7.4 kg	3.4 kg

PURE AUDIO AMPLIFIER

Model	A-70DA	A-50DA	A-30	A-20	A-10
Output per channel	90 W (4 ohms)	90 W (4 ohms)	70 W (4 ohms)	50 W (4 ohms)	50 W (4 ohms)
Type of output stages	Direct Energy HD output stages	Direct Energy HD output stages			
Fully balanced pre-amplifier	Yes	No	No	No	No
3-chamber design for power supply, pre-amplifier and output stage section	Yes	No (insulated power supply unit)	No	No	No
Source Direct mode	Yes	Yes	Yes	Yes	Yes
D/A converter	ESS SABRE Ultra DAC (ES9016)	ESS SABRE Ultra DAC (ES9016)			
Dual layout, encapsulated transformers	Yes	No	No	No	No
Vibration-absorbing substructure	Yes	No	No	No	No
Speaker A/B switch	Yes	Yes	Yes	Yes	Yes
Aluminium front and side panels	Yes	No (front panel only)	No (front panel only)	No (front panel only)	No
Aluminium remote control	Yes	No (regular remote control)	No (regular remote control)	No (regular remote control)	No (no remote control)
Gold-plated speaker screw terminals	Yes	Yes	No	No	No
Gold-plated terminals	Yes	Yes	No	No	No
Audio inputs	Phono MM/MC, balanced, SACD/CD, line 1, line 2, network, USB, coaxial, power amp direct in	Phono MM, CD, line 1, line 2, network, USB, coaxial, power amp direct in	6 x stereo cinch (thereof 1x phono MM)	6 x stereo cinch (thereof 1x phono MM)	6 x stereo cinch (thereof 1x phono MM)
USB input for asynchronous transmission	Yes	Yes	No	No	No
Digital coaxial input	Yes	Yes	No	No	No
Digital optical input	Yes	Yes	No	No	No
Power amp direct switch	Yes	Yes	Yes	No	No
Weight	17.2 kg	11.2 kg	7.2 kg	7.2 kg	7.2 kg

HI-FI MICRO-SYSTEMS

Model	X-PM32	X-PM12	X-EM26	X-EM16	X-SMC02D	X-SMC02
Functions	CD/USB/Bluetooth/audio in/FM	CD/USB/Bluetooth/audio in/FM	CD/USB/Bluetooth/audio in/FM	CD/USB/FM/audio in	CD/Bluetooth/USB/DAB+/FM/audio in	CD/Bluetooth/USB/FM/audio in
Total output	2 x 75 W (6 ohms)	2 x 38 W (6 ohms)	2 x 5 W (8 ohms)	2 x 5 W (8 ohms)	2 x 10 W (8 ohms)	2 x 10 W (8 ohms)
FM (RDS) tuner	Yes	Yes	Yes	Yes	Yes	Yes
DAB+ tuner	No	No	No	No	Yes	No
Bluetooth	Yes	Yes	Yes	No	Yes	Yes
Sound EQ	Yes (4 presets)	Yes (4 presets)	Yes (5 presets)	Yes (5 presets)	Yes (3 presets)	Yes (3 presets)
"P.BASS" bass enhancer	Yes	Yes	Yes	Yes	Yes	Yes
CD, CD-R/-RW playback	Yes (MP3/WMA)	Yes (MP3/WMA)	Yes (MP3/WMA)	Yes (MP3/WMA)	Yes (MP3)	Yes (MP3)
USB playback	Yes (MP3/WMA)	Yes (MP3/WMA)	Yes (MP3)	Yes (MP3)	Yes (MP3)	Yes (MP3)
USB charging function for smartphone (0.5 A)	Yes	Yes	Yes	Yes	Yes	Yes
Audio in	Yes (front)	Yes (front)	Yes (rear)	Yes (rear)	Yes	Yes
Subwoofer pre-out	Yes	Yes	No	No	No	No
Weight (total)	8.38 kg	6.84 kg	3.5 kg	3.5 kg	3.0 kg	3.0 kg
Miscellaneous	2-way speakers with 2 x 9cm low-midrange drivers, 1 x 5cm tweeter, 1 x 12cm Passive radiator	2-way speakers with 1 x 9cm low-midrange drivers, 1 x 5cm tweeter, 1 x 12cm Passive radiator				

TECHNICAL DATA

PURE AUDIO RECEIVER

Model	NC-50DAB	SX-S30DAB	SX-N30AE	SX-20DAB	SX-10AE
Output lines per channel	50 W (4 ohms)	85 W (8 ohms)	110 W (4 ohms)	100 W (8 ohms)	100 W (4 ohms)
Type of output stages	Direct Energy HD (high fidelity class D)	Class D	Direct Energy		
Aluminium front panel	Yes	No	Yes	Yes	No
Chromecast built-in	Yes	Yes	Yes	No	No
Apple AirPlay certified	Yes	Yes	Yes	No	No
Spotify, TIDAL, Deezer ready	Yes	Yes	Yes	No	No
TuneIn Internet radio	Yes	Yes	Yes	No	No
FireConnect	Yes	Yes	Yes	No	No
DLNA 1.5 certified	Yes	Yes		No	No
D/A converter	SABRE Ultra DAC (ES 9016)				
DSD playback up to 11.2 MHz	Yes	No (up to 5.6Mhz via network/USB)	No (up to 5.6MHz)	No	No
Compatible with the Pioneer Remote App	Yes	Yes	Yes	No	No
Built-in dual band WiFi (2.4/5GHz)	Yes	Yes	Yes	No	No
Built-in Bluetooth (version: 4.1, profiles: A2DP/AVRCP, codec: SBC/AAC)	Yes	Yes	Yes	No	Yes
DAB+ tuner	Yes	Yes	Yes	Yes	No
USB front input	Yes	Yes	Yes	No	No
USB rear input	Yes	No	No	No	No
Gold-plated speaker connections	Yes	Yes	Yes	No	No
Analogue audio inputs	1 (gold-plated)	2 (assignable)	6	3	
Phono input (MM)	Yes (gold-plated)	Yes	Yes	Yes	Yes
Digital coaxial input	Yes	Yes (assignable)	Yes (assignable)	No	No
Digital optical input	Yes	Yes (assignable)	Yes (assignable)	No	No
Subwoofer pre-out	Yes (gold-plated)	Yes	Yes	No	No
Weight	6.4 kg	4.0 kg		8.3 kg	
Miscellaneous	All-in-one device: CD player, DAB+ tuner amplifier D/A converter, Music server function with USB-as-NAS in the home network, 3.5" LCD colour screen with cover display, hi-res audio playback of WAV, FLAC, AIFF, ALAC up to 192kHz/24-bit	4 HDMI inputs/1 HDMI output (ARC), DSD disc (SACD) playback via HDMI (2.8MHz), MCACC automatic calibration optimised for stereo playback (phase control, 4-band subwoofer EQ), digital core engine with Cirrus Logic (quad-core), advanced sound retriever, direct mode, Hi-res audio playback of WAV, FLAC, AIFF, ALAC up to 192kHz/24-bit, DSD disc (SACD) playback via HDMI (2.8MHz)	DAB+ can be retrofitted with USB dongle AS-DB100	Auto power down, sleep timer, FM tuner with RDS, tone direct mode, analogue audio output (Rec Out)	Ultra heavy bass for impressive bass playback

HI-FI MICRO-SYSTEMS

Model	X-HM86D	X-HM76D	X-HM76	X-HM36D	X-HM32V	X-HM26D	X-HM26	X-HM16
Functions	USB front/USB rear/CD/Bluetooth/network/Spotify/digital in/line/FM/DAB+	USB front/USB rear/CD/Bluetooth/network/Spotify/digital in/line/FM/DAB+	USB front/USB rear/CD/Bluetooth/network/Spotify/digital in/line/FM	CD/Internet radio/Spotify/Bluetooth/DAB+/FM/USB/line in/line/FM	CD/DVD/Bluetooth/FM/USB/line in/audio in	CD/Bluetooth/DAB+/FM/USB/audio in	CD/Bluetooth/FM/USB/audio in	CD/FM/USB/audio in
Total output	2x65 W (4 ohms)	2 x 50 W (4 ohms)	2 x 50 W (8 ohms)	2 x 15 W (8 ohms)	2 x 30 W	2 x 15 W (8 ohms)	2 x 15 W (8 ohms)	2 x 15 W (8 ohms)
HDD playback via USB	Yes	Yes	Yes	No	No	No	No	No
DAB+ tuner	Yes	Yes	No	Yes (10 presets)	No	Yes (10 presets)	No	No
FM (RDS) tuner (40 presets)	Yes	Yes	Yes	Yes (30 presets)	Yes	Yes (30 presets)	Yes (30 presets)	Yes (30 presets)
Tone control (bass/treble)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bass enhancer (P.BASS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Playback formats: CD, CD-R/-RW (MP3, WMA)	Yes	Yes	Yes	Yes (NO WMA)	Yes	Yes (NO WMA)	Yes (NO WMA)	Yes (NO WMA)
Playback up to 192kHz/24-bit (WAV/FLAC/AIFF) via USB/network cable	Yes	Yes	Yes	No	No	No	No	No
Playback up to 11.2MHz DSD via USB/network cable	Yes	Yes	Yes	No	No	No	No	No
Chromecast built-in	Yes	Yes	Yes	No	No	No	No	No
Apple AirPlay	Yes	Yes	Yes	No	No	No	No	No
Spotify, TIDAL, Deezer	Yes	Yes	Yes	No (ONLY Spotify)	No	No	No	No
Internet radio (TuneIn)	Yes	Yes	Yes	Yes	No	No	No	No
3.5" LCD colour display with support for 9 languages: German/English/French/Dutch/Italian/Spanish/Russian/Swedish/Chinese	Yes	Yes	Yes	No	No	No	No	No
Compatible with the Pioneer Remote App	Yes	Yes	Yes	No	No	No	No	No
FireConnect	Yes	Yes	Yes	No	No	No	No	No
Built-in dual band WiFi (2.4/5GHz)	Yes	Yes	Yes	No (simple WLAN)	No	No	No	No
Built-in Bluetooth (ver. 4.1, profile: A2DP/AVRCP, codec: SBC/AAC)	Yes	Yes	Yes	Yes	Yes (ver. 3.0)	Yes	Yes	Yes
USB	2x (front & rear)	2x (front & rear)	2x (front & rear)	Yes	Yes	Yes	Yes	Yes
Gold-plated speaker connections	Yes	No	No	No	No	No	No	No
Optical digital input	Yes	No	No	No	No	No	No	No
Line input	Yes (gold-plated)	Yes	Yes	No (3.5mm jack input)	Yes	No	No	No
Subwoofer pre-out	Yes (gold-plated)	Yes	Yes	No	No	No	No	No
Weight (total)	12.3 kg	10.3 kg	10.1 kg	6.0 kg	6.0 kg	6.0 kg	6.0 kg	6.0 kg
Miscellaneous	2-way speakers with 130mm fibreglass low-midrange drivers, 25mm tweeters and high-gloss finish, available without speakers as XC-HM86	2-way speakers with 120mm fibreglass low-midrange drivers, 25mm tweeters and high-gloss finish	2-way speakers with 120mm fibreglass low-midrange drivers, 25mm tweeters and high-gloss finish	2-way speakers with 10cm low-midrange drivers and piezo tweeter, sound preset EQ (flat/active/dialogue/night)	2-way speakers with 10cm low-midrange drivers and 5cm tweeter, sound preset EQ/HDMI output/GUI/component output/composite output/dimmable display	2-way speakers with 10cm low-midrange drivers and piezo tweeter, sound preset EQ (flat/active/dialogue/night)	2-way speakers with 10cm low-midrange drivers and piezo tweeter, sound preset EQ (flat/active/dialogue/night)	2-way speakers with 10cm low-midrange drivers and piezo tweeter, sound preset EQ (flat/active/dialogue/night)

CASUAL MICRO-SYSTEMS

Model	X-CM66D	X-CM56D	X-CM56	X-CM35	X-CM32BTD
Functions	CD/Internet radio/Spotify/Bluetooth/DAB+/FM/USB/audio in	CD/Bluetooth/DAB+/FM/USB/audio in	CD/Bluetooth/FM/AM/USB/audio In	CD/FM/AM/USB/iPod/Bluetooth/audio in line	CD/DAB+/FM/USB/iPod/Bluetooth/audio in line
Type of output stages	Class D (digital output stage)	Class D (digital output stage)	Class D (digital output stage)	Class D (digital output stage)	Class D (digital output stage)
Total output	2 x 15 W	2 x 15 W	2 x 15 W	2 x 15 W	2 x 15 W
DAB+ tuner (10 presets)	Yes	Yes	No	No	Yes
FM (RDS) tuner (30 presets)	Yes	Yes	Yes (FM: 30 presets, AM: 15 presets)	Yes (FM: 30 presets, AM: 15 presets)	Yes
Tone control (bass/treble)	Yes	Yes	Yes	Yes	Yes
sound preset EQ (flat/active/dialogue/night)	Yes	Yes	Yes	Yes	Yes
Bass enhancer (P.BASS)	Yes	Yes	Yes	Yes	Yes
Built-in WiFi	Yes	No	No	No	No
Spotify ready	Yes	No	No	No	No
Internet radio (TuneIn)	Yes	No	No	No	No
CD, CD-R/-RW playback (MP3)	Yes	Yes	Yes	Yes (MP3 AND WMA)	Yes (MP3 AND WMA)
USB playback (MP3)	Yes	Yes	Yes	Yes (MP3 AND WMA)	Yes (MP3 AND WMA)
Built-in Bluetooth (ver. 4.1, profile: A2DP/AVRCP)	Yes	Yes	Yes	Yes (ver. 3.0, profile: A2DP)	Yes (ver. 2.1 + EDR)
NFC	Yes	Yes	Yes	Yes	No
USB input	Yes	Yes	Yes	Yes	Yes
Audio in (3.5mm jack)	Yes	Yes	Yes	Yes	Yes
Weight (total)	5.7 kg	5.7 kg	5.7 kg	6.0 kg	6.0 kg
Miscellaneous	2-way speakers with 94mm low-midrange drivers and 50mm tweeter	2-way speakers with 94mm low-midrange drivers and 50mm tweeter	2-way speakers with 94mm low-midrange drivers and 50mm tweeter	2-way speakers with 94mm low-midrange drivers and 50mm tweeter	2-way speakers with 94mm low-midrange drivers and 50mm tweeter iPod/iPhone/iPad holder included (in matching colour)

BLU-RAY PLAYER

Model	BDP-X300	BDP-180
Ultra HD (4K/24p) upscaling (BD/DVD/PC file)	Yes	Yes
Blu-ray 3D playback	Yes	Yes
36-bit deep colour, x.v. colour	Yes	Yes
Exclusive audio circuit board with 192kHz/24-bit D/A converter	Yes	No (ONLY 192kHz/24-bit D/A converter)
192kHz/24-bit audio playback (WAV, FLAC, ALAC)	Yes	Yes
2.8 MHz DSD playback	Yes	Yes
HQ sound for clear audio transmission via HDMI	Yes	No
Precision quartz lock system (PQLS) for compatible AV receiver	Yes	No
Shielded power supply circuit board (SMPS)	Yes	No
DLNA certified (1.5) with trick playback functions (slow/fast forward/reverse)	Yes	Yes
Integrated WiFi (IEEE802.11 b/g/n)	Yes	Yes
Miracast via WiFi-Direct	Yes	Yes
SACD	Yes	Yes
Compatible with iControAV5 control app	Yes	Yes (Additional Pioneer Control App)
GUI in HD resolution	Yes	Yes
Firmware update (USB/network)	Yes	Yes
HDMI output	Yes (gold-plated)	Yes
Digital optical output	Yes	Yes
Digital coaxial output	Yes (gold-plated)	No
USB front	Yes	Yes
USB rear	Yes	Yes
Analogue audio output	Yes (gold-plated)	Yes
Weight	2.3 kg	2.0 kg

PURE AUDIO CD PLAYER

Model	PD-70AE	PD-50	PD-30AE	PD-10AE
Functions	SACD, CD	SACD, CD, DSD-Disc, USB	CD	CD
D/A converter	ESS 9026 PRO (channel-separated)	192 kHz/32-bit twin DAC	192kHz/24-bit DAC	192kHz/24-bit DAC
Hi-bit32 signal processing	Yes	Yes	No	No
Twin transformer	Yes	Yes	No	No
Sound retriever	Yes	Yes	No	No
Auto level control	Yes	Yes	No	No
D/A converter function for external sources	Yes	Yes	No	No
iPod, iPhone, iPad via USB with charging function		Yes	No	No
High-precision clock	Yes	Yes	Yes	No
Aluminium front panel	Yes	Yes	Yes	No
Vibration-absorbing substructure	Yes	Yes	No	No
Acoustically optimised CD tray	Yes (vibration-dampening aluminium disc tray)	Yes	Yes	Yes
EI transformer		Yes	Yes	Yes
Playback formats		SACD/CD/CD-R/CD-RW/MP3 WMA/MPEG-4/AAC	CD/CD-R/CD-RW/MP3 (CD-R/CD-RW)	CD/CD-R/CD-RW/MP3 (CD-R/CD-RW)
Gold-plated analogue audio output	Yes	Yes	Yes	No
Gold-plated digital coaxial output	Yes	Yes	Yes	No
Digital optical output	Yes	Yes	Yes	No
Digital coaxial input	Yes	Yes	No	No
Digital optical input	Yes	Yes	No	No
Weight	18.6 kg	7.8 kg	5.3 kg	5.1 kg
Miscellaneous	Neutrik XLR output for symmetrical signal output, RCA and XLR outputs switchable for highest signal purity, compatible with Pioneer Remote App together with N-70AE		Variable headphone output	

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