NETWORKED ENTERTAINMENT, SMART CONTROL

HOME ENTERTAINMENT & HI-FI 2016-2017
Pioneer multi-channel receivers support FireConnect™ powered by Blackfire® which is a stable wireless protocol that allows both analogue and digital audio sources connected to the receiver to be output into other rooms via optional FireConnect-compatible speakers.

*FireConnect is a technology of Blackfire Research Corporation, USA.

**FireConnect-compatible speakers will be available in the near future.

Google Cast for audio uses the same technology as Chromecast and enables uncomplicated music streaming to compatible Pioneer devices.

Google Cast for audio-capable apps can be used with Android tablets & smart phones, iPhone, iPad, Chromebook, Mac or Windows computers.

Streaming services and internet radio:

Enjoy endless music diversity with streaming services such as Spotify, TIDAL and Deezer. TuneIn meanwhile, provides access to over 100,000 internet radio stations offering a wide variety of music, sports, news and talk shows from all over the world.
Dolby Atmos®

Many Pioneer multi-channel receivers support the Dolby Atmos® object-based audio format. This enables them to reproduce the sound of dynamically moving objects anywhere in three-dimensional space by using either overhead speakers or upward firing Dolby Atmos® enabled speakers. To experience Dolby Atmos® effectively requires careful calibration of the listening environment. Pioneer’s MCACC Pro calibration software works in tandem with the Dolby Atmos® processing to provide an authentic, lifelike film experience which immerses you completely and synchronizes picture and sound like never before.
SC-LX801
NETWORK ENABLED MULTI-CHANNEL RECEIVER

Amplifier features:
- 9 channels, 200 watts each (1 kHz, 6 ohm)
- Direct Energy HD output stage
- Air Studios sound tuning
- 38kHz/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)

Video features:
- 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]

Network features:
- FireConnect (firmware update)
- Built-in dual-band WiFi 2.4 GHz/5 GHz

Apps:
- ControlAV5

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 ENABLED MULTI-CHANNEL RECEIVER

Amplifier features:
- 9 channels, 180 watts each (1 kHz, 6 ohm)
- Direct Energy HD output stage
- Air Studios sound tuning
- 38kHz/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)

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 (firmware update)
- Built-in dual-band WiFi 2.4 GHz/5 GHz

Apps:
- ControlAV5

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-LX501
NETWORK ENABLED MULTI-CHANNEL RECEIVER

Amplifier features:
- 7 channels, 180 watts each (1 kHz, 6 ohm)
- Direct Energy HD output stage
- Air Studios sound tuning
- 38kHz/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)

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

Network features:
- FireConnect (firmware update)
- Built-in dual-band WiFi 2.4 GHz/5 GHz

Apps:
- ControlAV5

Design features:
- Anti-standing wave insulator

Other features:
- 11.2 pre-amp output
- MM phono input
- 2 subwoofer outputs
- Front USB & HDMI & audio in
- Zone 2 pre-amp output
- 1 digital coaxial inputs
- 2 digital optical inputs
- New GUI (graphical user interface)
- IR remote control
### VSX-1131

**Network enabled multi-channel receiver**

**Amplifier features:**
- 7 channels, 160 watts each (1 kHz, 6 ohm)
- 384 kHz/32-bit DAC converter
- Dolby Atmos, Dolby True HD
- DTS:X
- Reflex optimizer
- DTS-HD Master Audio
- Digital core engine with Cirrus Logic (quad-core)
- MCACC auto room tuning with subwoofer EQ (4-band)
- Phase control
- Advanced sound retriever (2-channel)

**Video features:**
- HDMI with HDCP 2.2 (7 inputs/2 outputs)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler

**Network features:**
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Google Cast for audio (firmware update)
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)
- FireConnect (firmware update)

**Apps:**
- iControlAV5

**Other features:**
- MM phono input
- 2 subwoofer outputs
- Front USB & HDMI & audio in
- Zone 2 line out
- New GUI (graphical user interface)
- IR remote control

### VSX-831

**Network enabled multi-channel receiver**

**Amplifier features:**
- 5 channels, 130 watts each (1 kHz, 6 ohm)
- 384 kHz/32-bit DAC converter
- Dolby True HD
- DTS-HD Master Audio
- Digital core engine with Cirrus Logic (quad-core)
- MCACC auto room tuning with subwoofer EQ (4-band)
- Phase control
- Advanced sound retriever (2-channel)

**Video features:**
- HDMI with HDCP 2.2 (7 inputs/2 outputs)
- HDR colour space according to BT.2020
- 4K ultra-HD video scaler

**Network features:**
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Google Cast for audio (firmware update)
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)
- FireConnect (firmware update)

**Apps:**
- iControlAV5

**Other features:**
- MM phono input
- 2 subwoofer outputs
- Front USB & HDMI & audio in
- Zone 2 line out
- New GUI (graphical user interface)
- IR remote control
VSX-531
MULTI-CHANNEL RECEIVER

Amplifier features:
- 5 channels, 130 watts each (1 kHz, 6 ohm)
- 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

VSX-S520D
NETWORK ENABLED MULTI-CHANNEL RECEIVER

Amplifier features:
- 6 channels, 80 watts each (1 kHz, 4 ohm)
- Dolby TrueHD, DTS-HD Master Audio
- Pioneer MCACC with phase control
- Hi-res audio playback up to 192kHz/24bit, 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 Wi-Fi 2.4 GHz/5 GHz
- Built-in Bluetooth

HTP-074
HOME CINEMA PACKAGE

Amplifier features:
- 6 channels, 100 watts each (1 kHz, 6 ohm)
- 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

Networkfeatures:
- Built-in Bluetooth

VSX-S520
NETWORK ENABLED MULTI-CHANNEL RECEIVER

Amplifier features:
- 6 channels, 80 watts each (1 kHz, 4 ohm)
- Dolby TrueHD, DTS-HD Master Audio
- Pioneer MCACC with phase control
- Hi-res audio playback up to 192kHz/24bit, 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 Wi-Fi 2.4 GHz/5 GHz
- Built-in Bluetooth

Other features:
- Subwoofer output
- USB front input
- Pre-programmed IR remote control
HIGH-QUALITY SOUND REPRODUCTION

The BDP-LX88 is equipped with a SABRE32 Reference DAC (ES9018) from ESS. Its 4-core parallel operation for each channel allows maximum fidelity. The circuit was developed under repeated test conditions, with the audio playback elaborately synchronised by experienced engineers to guarantee an extremely high-quality sound reproduction.

ULTRA-HIGH RESOLUTION IMAGE QUALITY

To efficiently reduce digital noise, a 6-layer IVH main circuit board is used. This optimises the digital signal paths of the audio and video signals. This circuit architecture enables powerful, ultra-precise 18-Gbps transmission, which easily complies with the latest HDMI specifications.
INTRICATELY CRAFTED CHASSIS FOR EXCELLENT SOUND

Power supply, digital and analogue signal processing are effectively separated from each other by the three-chamber architecture to eliminate mutual interference caused by electric and magnetic fields. In addition, the main circuits and power supply are electromagnetically shielded, and braces between the individual chambers enhance the construction in order to minimise vibrations and signal losses.

The 1.6 mm thick chassis is reinforced with a base plate made of 3 mm thick steel. This newly developed, double-layered chassis design provides unparalleled torsional rigidity and a low centre of gravity. To further improve the sound quality, the surface was coated with anti-vibration paint. The top cover is made of 1 mm thick steel plate to ensure maximum torsional rigidity. Even ventilation slots were dispensed with in favour of a flat surface, and for the side walls of the chassis aluminium with a high damping effect was used to prevent even minimal vibration.
YOUR HOME ENTERTAINMENT NETWORK

BDP-LX88

UNIVERSAL PLAYER

Audio features:
- 192 kHz/24-bit D/A converter
- HQ sound mode (HDMI)
- PQLS jitter suppression
- Hi-bit32 processing, audio scaler, digital filter

Network features:
- Built-in WiFi/WiFi direct
- DLNA 1.5 streaming client

Video features:
- Universal player for Blu-ray, DVD, SACD, CD
- 4K UltraHD video scaler (60p, 4:4:4, 24 bit)
- Precise pixel drive with Triple HD noise reduction
- 36-bit deep colour, x.v. colour

Apps:
- iControlAV5
- ControlApp

BDP-X300

3D BLU-RAY DISC PLAYER

Audio features:
- Sabre Reference DAC (ES9018)
- Acoustically optimised capacitors
- Zero signal connector
- PQLS jitter suppression
- Hi-bit32 processing, audio scaler, digital filter

Network features:
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- DLNA 1.5 streaming client

Video features:
- Universal player for Blu-ray, DVD, SACD, CD
- Super resolution video with 4K UltraHD processing
- 4K UltraHD video scaler (60p, 4:4:4, 24 bit)
- Precise pixel drive with Triple HD noise reduction
- 36-bit deep colour, x.v. colour

Apps:
- iControlAV5
- ControlApp

Other features:
- GUI (graphical user interface)
- Balanced XLR audio output
- 2x HDMI output (switchable)
- Illuminated IR remote control

Design features:
- Three-chamber architecture
- Double-layer chassis
- Torsion-resistant central frame
- Damped, low-noise precision drive

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 ports (1 front/1 back)
- IR remote control
BDP-LX58

UNIVERSAL PLAYER

Video features:
- Universal player for Blu-ray, DVD, SACD, CD
- Super resolution video with 4K Ultra HD processing
- 3D Blu-ray disc player with 4K Ultra HD video scaler
- 36-bit deep colour, x.v. colour

Audio features:
- SABRE Ultra DAC (ES9011)
- Acoustically optimised capacitors
- Zero signal connector
- PQLS jitter suppression

Network features:
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- DLNA 1.5 streaming client
- YouTube streaming client

Design features:
- Double-layer chassis
- Damped, low-noise precision drive

Other features:
- GUI (graphical user interface)
- 2x HDMI output (switchable)
- Illuminated 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

Other features:
- GUI (graphical user interface)
- HDMI output
- Optical digital output
- USB input (1x front, 1x rear)
- IR remote control

Apps:
- iControlAV5
- ControlApp
AirPlay functionality allows you to stream your iTunes music library to the network player whilst DLNA certification (1.5) allows the player to be used as a digital media player or digital media renderer to play music from your Mac/PC or NAS drive.

EASY STREAMING

EASY CONTROL

The Pioneer ControlApp allows you to stream music directly to the network player without an extra app or to control your Pioneer amplifier or related SACD player with it. The free app is available for iPhone and iPod touch in the App Store, and for Android at Google Play.

HIGH-DEFINITION MUSIC PLAYBACK

Enjoy music like never before. Our Pure Audio components support high-resolution WAV, FLAC, AIFF and Apple Lossless files, as well as DSD, directly from the connected USB memory or via a network connection. Or use the USB DAC function in selected products to directly connect a PC or Mac.
EXPERIENCE THE DIGITAL HIFI EVOLUTION
**A-70DA INTEGRATED AMPLIFIER**

**Amplifier features:**
- 2 x 90 watts of output power (4 ohms)
- Direct energy HD amplifiers
- Fully balanced preamplifier
- 3-chamber design for power supply unit, preamplifier and amplifier section
- Dual design, 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 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 & co-axial digital input
- Balanced XLR input
- Phono MM input
- Power amp direct switch
- Gold-plated terminals
- Solid speaker screw terminals
- Aluminium front panel
- IR remote control

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**A-50DA INTEGRATED AMPLIFIER**

**Amplifier features:**
- 2 x 90 watts of output power (4 ohms)
- Direct energy HD amplifiers
- 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 & co-axial digital input
- Balanced XLR input
- Phono MM input
- Power amp direct switch
- Gold-plated terminals
- Solid speaker screw terminals
- Aluminium front panel
- IR remote control
A-30
INTEGRATED AMPLIFIER

Amplifier features:
- 2 x 70 watts of output power (4 ohms)
- Single El transformer
- Discretely constructed fully balanced amplifier
- Powerful Darlington transistors
- Separate, ground-coupled heat sink
- Short signal paths from electrolytic capacitors to amplifiers
- Short signal paths to the terminals
- Sturdy substructure

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

A-20
INTEGRATED AMPLIFIER

Amplifier features:
- 2 x 50 watts of output power (4 ohms)
- Single El transformer
- Discretely constructed fully balanced amplifier
- Powerful Darlington transistors
- Separate, ground-coupled heat sink
- Short signal paths from electrolytic capacitors to amplifiers
- Short signal paths to the terminals
- Sturdy substructure

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

A-10
INTEGRATED AMPLIFIER

Amplifier features:
- 2 x 50 watts of output power (4 ohms)
- Single El transformer
- Discretely constructed fully balanced amplifier
- Powerful Darlington transistors
- Separate, ground-coupled heat sink
- Short signal paths from electrolytic capacitors to amplifiers
- Short signal paths to the terminals
- Sturdy substructure

Other features:
- Direct switch
- 5 x line inputs, 1 x line output
- Phono MM input
- Speaker A/B switch
N-70A  NETWORK PLAYER

Network features:
- 3.5” LCD colour terminal with cover display
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- DLNA 1.5, Wi-Fi streaming client
- Spotify connect, Internet radio (vTuner)
- Apple AirPlay
- iPod/iPhone via USB with charging function
- Built-in headphone amplifier (TPA6120)
- Built-in Ethernet 10/100, optional WiFi

Converter features:
- SABRE Ultra DAC ES9016x2
- USB D/A converter for Mac/PC direct connection
- [PCM 192 kHz/32-bit and DSD 5.6 MHz]
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Hi-bit32 processing & hi-sampling function

Apps:
- ControlApp

Design features:
- 3-chamber design with dual design, encapsulated transformers
- Double-layer chassis design
- Vibration-absorbing substructure
- Separate aluminium front, side & top panel

Other features:
- Optical & coaxial digital input
- Optical & coaxial digital output
- Balanced XLR output and cinch (RCA) output
- USB input for external storage media
- Gold-plated terminals
- IR remote control

N-50A  NETWORK PLAYER

Network features:
- 3.5” LCD colour terminal with cover display
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- DLNA 1.5, Wi-Fi streaming client
- Spotify connect, Internet radio (vTuner)
- Apple AirPlay
- iPod/iPhone via USB with charging function
- Built-in Ethernet 10/100, optional WiFi

Converter features:
- SABRE Ultra DAC ES9011x2
- USB D/A converter for Mac/PC direct connection
- [PCM 192 kHz/32-bit and DSD 5.6 MHz]
- Hi-res audio WAV, FLAC, AIFF, ALAC, DSD
- Hi-bit32 processing & hi-sampling function

Apps:
- ControlApp

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
- USB input for external storage media
- Gold-plated terminals
- 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 WiFi 2.4 GHz/5 GHz
- Google Cast for audio (firmware update)

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 drive)
- Aluminium front panel
- IR remote control
**PURE AUDIO STREAMING EVOLUTION**

**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

**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

**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
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 (firmware update)
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Google Cast for audio (firmware update)
- Apple AirPlay
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)
- Onkyo music 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 & coaxisal 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 ENABLED STEREO RECEIVER

Amplifier features:
- 2 x 85 watts of output power (8 ohms)
- MCACC automated calibration optimised for stereo playback
- FM tuner with RDS/DAB+ tuner
- Hi-res audio playback up to 192kHz/24bit, 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
- DBConnect (firmware update)
- Built-in WiFi
- Built-in Bluetooth

Apps:
- Google Cast for audio (firmware update)
- Spotify
- TIDAL
- Deezer
- Internet radio (TuneIn)

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

SX-N30 / SX-N30DAB
NETWORK ENABLED STEREO RECEIVER

Amplifier features:
- 2 x 85 watts of output power (8 ohms)
- FM / AM tuner with RDS (SX-N30/ SX-N30DAB)
- FM tuner with RDS / DAB+ tuner (SX-N30DAB)
- A.P.D (Auto Power Down)
- Power-saving function

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

SX-20 / SX-20DAB
STEREO RECEIVER

Amplifier features:
- 2 x 100 watts of output power (8 ohms)
- FM / AM tuner with RDS (SX-N30)
- FM tuner with RDS / DAB+ tuner (SX-N30DAB)

Other features:
- Speaker A/B switch
- 3x line inputs, 1x line output
- Phono MM input
- Aluminium front panel
- IR remote control
**MASTER1 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:** 114 dB
- **Weight:** 460 g (without cable and tie rod)
- **Accessories:** clamping bracket A: ø 1.6 mm
  - Product is sold with built-in clamping bracket A
  - clamping bracket B: ø 2.0 mm

To ensure excellent sound quality, the lightweight 25μ-thick aluminium membrane is treated with a ceramic coating to give the headphones strength and to increase its natural performance. The result is high-definition sound across the entire frequency range.

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**BALANCED XLR CABLE (SOLD SEPARATELY)**

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.

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**NEW SOUND DIMENSION WITH HEADPHONE AMPLIFIER U-05**

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 the ultimate sound experience.

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**AIR STUDIOS 'MONITOR REFERENCE'**

Air Studios in London are renowned worldwide for their unrivalled music production facilities and are the first choice for many well-known artists. The MASTER1 is the first headphone ever to be certified ‘Monitor Reference’ standard by AIR Studios, a rare distinction of which we are proud.
U-05
USB DAC / HEADPHONE AMPLIFIER

Amplifier features:
- Preamplifier output for XLR and lineout switchable (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/DA 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 & N-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

PL-30
RECORD PLAYER

- 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 phone EQ
- Anti-skating dial
- Speed changeover switch (33, 45 r.p.m.)
- Gold-plated cinch (RCA) plugs
- Detachable power cord

PL-990
RECORD PLAYER

- Fully automatic turntable
- Precision drive with Pioneer’s “Stable Hanging Rotor”
- Anti-skid mat for vibration damping
- High-performance MM pick-up system
- Built-in phone EQ
- Speed changeover switch (33, 45 r.p.m.)
AirPlay functionality allows you to stream your iTunes music library whilst DLNA certification (1.5) allows use as a digital media player or digital media renderer to play music from your Mac/PC or NAS drive.

The Pioneer remote app allows you to stream music directly on your micro-system without an extra app and to conveniently control it. The free app is available for iOS in the App Store, and for Android at Google Play.

Many Pioneer micro systems support FireConnect™ powered by Blackfire* which is a stable wireless protocol that allows both analogue and digital audio sources connected to the receiver to be output into other rooms via optional FireConnect-compatible speakers.**

*FireConnect is a technology of Blackfire Research Corporation, USA.
**FireConnect-compatible speakers will be available in the near future.

Enjoy endless music diversity with streaming services such as Spotify, TIDAL and Deezer. TuneIn meanwhile, provides access to over 100,000 Internet radio stations offering a wide variety of music, sports, news and talk shows from all over the world.

Enjoy music like never before. Our Pure Audio components support high-definition WAV, FLAC, AIFF and Apple Lossless files, as well as DSD, directly from the connected USB memory or via a network connection.

The selected built-in WiFi/WLAN models support the 2.4 GHz band to enable a uniform and uninterrupted stream. In addition, you can easily transfer music from portable devices via Bluetooth.

WIRELESS MULTI-ROOM AUDIO

STREAMING SERVICES & INTERNET RADIO

HIGH-DEFINITION MUSIC PLAYBACK

WIFI/WLAN & BLUETOOTH

STREAMING THE EASY WAY

EASY CONTROL
MICRO-SYSTEMS

POWERED BY PIONEER.
**X-HM76D**

**NETWORK ENABLED MICRO HI-FI SYSTEM**

Available in these colour combinations:
- X-HM76D (B) (black unit, black speakers)
- X-HM76D (S) (silver unit, black speakers)
- XC-HM76D (B) (black unit, without speakers)
- XC-HM76D (S) (silver unit, without speakers)

**System features:**
- 3.5” LCD colour screen with cover display
- 2 x 65 W output power
- FM tuner with RDS and DAB+ tuner
- CD 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 speakers, 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
- AirPlay
- Google Cast for audio (firmware update)
- Spotify
- TIDAL

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

**Apps:**
- Pioneer remote app

**System 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

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**X-HM86D**

**NETWORK ENABLED MICRO HI-FI SYSTEM**

Available in these 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)

**System features:**
- 3.5” LCD colour screen with cover display
- 2 x 50 W output power
- FM tuner with RDS and DAB+ tuner
- CD drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- Bass enhancer
- 2-way speakers with 120mm fibreglass low-midrange speakers, 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
- AirPlay
- Google Cast for audio (firmware update)
- Spotify
- TIDAL

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

**Apps:**
- Pioneer remote app

**System 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

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**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/24bit
- DSD up to 11.2MHz

**Apps:**
- Pioneer remote app

**System features:**
- USB front & rear input for storage media (FAT & NTFS hard drives)
- Headphone output (mini-jack)
- Line input
- Optical digital input
- Subwoofer output
- Aluminium front panel
- IR remote control
X-HM76

**NETWORK ENABLED MICRO HI-FI SYSTEM**

**System features:**
- 3.5” LCD colour screen with cover display
- 2 x 50 W output power
- FM tuner with RDS
- CD drive for CD, CD-R/RW (MP3)
- Tone control (bass & treble)
- Equaliser with 4 presets
- Bass enhancer
- 2-way speakers with 120mm fibre glass mid-range speakers, 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 (firmware update)
- Built-in dual-band WiFi 2.4 GHz/5 GHz
- Built-in Bluetooth
- Google Cast for audio (firmware update)
- Apple AirPlay
- Spotify

**Converter features:**
- TIDAL
- Deezer
- Internet radio (TuneIn)
- Onkyo music download manager

**Apps:**
- Pioneer remote app

X-HM36D

**NETWORK ENABLED MICRO HI-FI SYSTEM**

**System features:**
- 2 x 15 W output power
- FM tuner with RDS
- DAB+ tuner
- CD 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 (TuneIn)
- USB input for storage media

**System features:**
- Line input (3.5mm)
- IR remote control

X-HM26

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 15 W output power
- FM tuner with RDS tuner
- DAB+ tuner (X-HM26D)
- CD 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
- USB input for storage media

**System features:**
- Line input (3.5mm)
- IR remote control

**Available in these colour combinations:**
- X-HM76 (B) (black unit, black speakers)
- X-HM76 (S) (silver unit, black speakers)
- X-HM36D (B) (black unit, black speakers)
- X-HM36D (S) (silver unit, black speakers)
- X-HM26 (B), X-HM26D (B) (black unit, black speakers)
- X-HM26 (S), X-HM26D (S) (silver unit, black speakers)
**X-HM16**

**MICRO HI-FI SYSTEM**

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

- **Other features:**

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

**X-HM51**

**X-HM51DAB**

**MICRO HI-FI SYSTEM**

- **System features:**
  - 2 x 50 watts of output power
  - FM tuner with RDS
  - DAB+ tuner [X-HM51DAB]
  - CD drive for CD, CD-R/RW, MP3, WMA
  - Tone control (bass & treble)
  - Equaliser with 4 presets
  - Bass enhancer "P-bass"
  - 2-way speakers with high-gloss finish

- **Network features:**
  - Built-in Bluetooth
  - iPod, iPhone, iPad via USB with charging function

- **Apps:**
  - Pioneer wireless streaming app

- **Other features:**
  - Optical digital input
  - Line input
  - Subwoofer output
  - USB input for storage media
  - Aluminium front panel
  - IR remote control

Available in these colour combinations:
- X-HM51-K, X-HM51D-K (black unit, black speakers)
- X-HM51-S (silver unit, silver speakers)

**X-HM32V**

**MICRO HI-FI / DVD SYSTEM**

- **System features:**
  - 2 x 38 watts of output power
  - FM tuner with RDS
  - DVD drive for DVD, CD, CD-R/RW, MP3, WMA
  - GUI (graphical on-screen menu)
  - Tone control (bass & treble)
  - Equaliser with 4 presets
  - Bass enhancer "P-bass"
  - 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 external 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, silver speakers)
X-CM56/X-CM56D

MICRO HI-FI SYSTEM

System features:
- 2 x 15 W (class D)
- FM tuner with RDS
- DAB+ tuner (X-CM56D)
- CD 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)
- Spotify, Internet radio (TuneIn)
- USB input for storage media

System 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-CM56D (R) (pink/beech)

X-CM66D

MICRO HI-FI SYSTEM

System features:
- 2 x 15 W (class D)
- FM tuner with RDS
- CD 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 (TuneIn)
- NFC (near field communication)
- USB input for storage media

System features:
- Line input (3.5mm)
- IR remote control

Available in these colour combinations:
X-CM66D (W) (white/beech)
X-CM66D (B) (black/walnut)
**X-CM42BT**

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 15 watts of output power
- FM / AM tuner with RDS
- CD drive for CD, MP3, WMA
- Tone control (bass & treble)
- Equaliser with 4 presets
- Bass enhancer “P-bass”
- 2-way speakers

**Network features:**
- Built-in Bluetooth
- Built-in Lightning dock for iPod & iPhone
- iPod, iPhone, iPad via USB with charging function

**Apps:**
- Pioneer wireless streaming app
- Built-in Lightning dock for iPod & iPhone
- iPod, iPhone, iPad via USB with charging function

**Other features:**
- USB input for external storage media
- Line input
- IR remote control
- iPhone not included in the package contents

Available in these colour combinations:
- X-CM42BT-K (black unit, black speakers)
- X-CM42BT-W (white unit, white speakers)

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**X-CM35**

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 15 watts of output power
- FM / AM tuner with RDS
- CD drive for CD, MP3, WMA
- Tone control (bass & treble)
- Equaliser with 4 presets
- Bass enhancer “P-bass”
- 2-way speakers

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

**Apps:**
- Pioneer wireless streaming app

**Other features:**
- USB input for external storage media
- Line input
- IR remote control

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

iPhone not included in the package contents.
**X-SMC01BT**

**SLIM MINI COMPONENT**

**System features:**
- 2 x 10 watts of output power
- FM tuner with RDS
- CD drive for CD, MP3, WMA
- Motorised front panel for CD drive
- Equaliser with 4 presets
- Bass enhancer “P-bass”

**Network features:**
- Built-in Bluetooth
- iPod, iPhone, iPad via USB with charging function

**Apps:**
- Pioneer wireless streaming app

**Other features:**
- USB input for external storage media
- IR remote control
- Wall-mountable

**iPhone not included**

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**X-SMC01DAB**

**SLIM MINI COMPONENT**

**System features:**
- 2 x 10 watts of output power
- FM tuner with RDS / DAB+ tuner
- CD drive for CD, MP3, WMA
- Motorised front panel for CD drive
- Equaliser with 4 presets
- Bass enhancer “P-bass”

**Apps:**
- Pioneer wireless streaming app

**Other features:**
- USB input for external storage media
- IR remote control
- Wall-mountable

**iPhone not included**
**X-PM32**

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 15 watts of output power
- FM tuner with RDS
- CD drive for CD, MP3, WMA
- Sound equaliser
- Bass enhancer "P-bass"

**Network features:**
- Built-in Bluetooth

**Other features:**
- USB input for external storage media
- AUX input
- IR remote control

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**X-PM12**

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 15 watts of output power
- FM tuner with RDS
- CD drive for CD, MP3, WMA
- Sound equaliser
- Bass enhancer "P-bass"

**Other features:**
- USB input for external storage media
- AUX input
- IR remote control

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**X-EM26**

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 5 watts of output power
- FM tuner
- CD drive for CD, MP3, WMA

**Network features:**
- Built-in Bluetooth

**Other features:**
- USB input for storage media
- AUX input
- IR remote control

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**X-EM16**

**MICRO HI-FI SYSTEM**

**System features:**
- 2 x 5 watts of output power
- FM tuner
- CD drive for CD, MP3, WMA

**Other features:**
- USB input for storage media
- AUX input
- IR remote control
COMPACT PURE AUDIO COMPONENTS

P2 / P2DAB

COMPACT COMPONENT SYSTEM

Stereo receiver
- 2 x 75 watts (4 ohms)
- Direct energy HD amplifiers
- EI transformer
- FM tuner with RDS
- Source direct function
- Tone control (bass, treble)
- Sleep/wake-up timer
- Dimmer switch with 4 steps
- Compact shallow housing width (28.5 cm)
- Optional with DAB

Network player
- 192 kHz/32 bit D/A converter for hi-res audio streaming
- Multiformat playback
- DLNA 1.5 streaming client
- Apple AirPlay
- Spotify connect
- vTuner Internet radio

Speakers
- 12 cm fiberglass woofer with bass reflex port
- Gold-plated terminals
- 75 watts maximum
- 4 ohms impedance
- Frequency range 40 Hz – 40,000 Hz

P1 / P1DAB

COMPACT COMPONENT SYSTEM

Stereo receiver
- 2 x 75 watts (4 ohms)
- Direct energy HD amplifiers
- EI transformer
- FM tuner with RDS
- Source direct function
- Tone control (bass, treble)
- Sleep/wake-up timer
- Dimmer switch with 4 steps
- Compact shallow housing width (28.5 cm)
- Optional with DAB

CD player
- 192 kHz/32 bit D/A converter
- EI transformer
- CD drive for CD-DA, CD-R/RW, MP3 and WMA

Speakers
- 12 cm fiberglass woofer with bass reflex port
- Gold-plated terminals
- 75 watts maximum
- 4 ohms impedance
- Frequency range 60 Hz – 40,000 Hz

N-P01

COMPACT COMPONENT NETWORK PLAYER

Converter / network
- 192 kHz/32 bit D/A converter for hi-res audio streaming
- Multiformat playback
- DLNA 1.5 streaming client
- Apple AirPlay
- Spotify connect
- vTuner Internet radio

Miscellaneous
- iPod / iPhone / iPad support with charging function
- Bluetooth audio streaming
- 3.5” colour display
- Pioneer ControlApp
- Built-in WiFi
- Auto power off
- Gold-plated terminals
- Aluminium front
FEEL EVERY DIMENSION

Dolby Atmos and dts:X are the latest audio standards for even more impressive home theatre enjoyment. Immerse yourself in true 3D sound that fills the room with incredible detail, clarity and precision.

HIGH-DEFINITION MULTICHANNEL SOUND

These speakers bring every detail of a recording and the dynamics of a live concert into your living room.

SPEAKERS FOR HIFI AND MULTICHLANNE PLAYBACK

At the heart these speakers is the CST driver technology with its 'single point source' concept developed by Pioneer. The midrange driver and tweeter are coaxially configured so that their emission patterns match exactly. In combination with the CST soft dome tweeters, the bass chassis and midrange drivers enable consistent sound over a very wide listening area. This offers extremely stable acoustic imaging and a very natural sound field.
POWERFUL HOME CINEMA SOUND
AND PRECISE MUSIC PLAYBACK
S-71

**S-71**

**FLOOR-STANDING SPEAKERS**

- Bass speaker: 2 x 13 cm Aramid cone
- Midrange speaker: 13 cm Aramid cone
- Tweeter: 2.5 cm soft dome
- Housing: bass reflex floor-standing speaker
- Impedance: 6 ohms
- Frequency response: 33 – 50,000 Hz
- Sensitivity: 85 dB
- Maximum capacity: 130 watts
- Weight: 16 kg

S-71B

**BOOKSHELF SPEAKERS**

- Bass speaker: 13 cm coaxial Aramid cone
- Midrange speaker: 13 cm coaxial Aramid cone
- Tweeter: 2.5 cm coaxial Aramid cone
- Housing: bass reflex bookshelf speakers
- Impedance: 6 ohms
- Frequency response: 43 – 50,000 Hz
- Sensitivity: 83 dB
- Maximum capacity: 130 watts
- Weight: 7.2 kg

S-71C

**CENTRE SPEAKER**

- Bass speaker: 13 cm coaxial Aramid cone
- Midrange speaker: 13 cm coaxial Aramid cone
- Tweeter: 2.5 cm coaxial Aramid cone
- Housing: bass reflex centre speaker
- Impedance: 6 ohms
- Frequency response: 43 – 50,000 Hz
- Sensitivity: 83 dB
- Maximum capacity: 130 watts
- Weight: 8 kg
**S-31**

**FLOOR-STANDING SPEAKERS**

- Bass speaker: 2 x 10 cm fibreglass cone
- Tweeter: 2.5 cm soft dome tweeter
- Housing: Floor-standing speaker with down-firing bass reflex system
- Impedance: 6 ohms
- Frequency response: 38 – 40,000 Hz
- Sensitivity: (2.83V/1m) 85 dB
- Maximum capacity: 120 watts

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**S-31B**

**BOOKSHELF SPEAKERS**

- Bass speaker: 10 cm fibreglass cone
- Tweeter: 2.5 cm soft dome tweeter
- Housing: Bass reflex opening at the back
- Impedance: 6 ohms
- Frequency response: 50 – 40,000 Hz
- Sensitivity: (2.83V/1m) 83 dB
- Maximum capacity: 120 watts

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**S-31C**

**CENTRE SPEAKER**

- Bass speaker: 2 x 10 cm fibreglass cone
- Tweeter: 2.5 cm soft dome tweeter
- Housing: Bass reflex opening at the back
- Impedance: 6 ohms
- Frequency response: 50 – 40,000 Hz
- Sensitivity: 84 dB
- Maximum capacity: 120 watts

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**CS-7070**

**BOOKSHELF SPEAKERS**

- Impedance: 8 ohms
- Frequency response: 45 – 20,000 Hz
- Sensitivity: (2.83V/1m) 90 dB
- Maximum capacity: 140 watts

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**CS-5070**

**BOOKSHELF SPEAKERS**

- Impedance: 8 ohms
- Frequency response: 45 – 20,000 Hz
- Sensitivity: (2.83V/1m) 90 dB
- Maximum capacity: 120 watts

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**CS-3070**

**BOOKSHELF SPEAKERS**

- Impedance: 8 ohms
- Frequency response: 45 – 20,000 Hz
- Sensitivity: (2.83V/1m) 90 dB
- Maximum capacity: 120 watts
Information about connection options for iPod, iPhone and iPad, please visit www.pioneer-audiovisual.co.uk

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