



Images for illustrative purposes only

Network Features

- DLNA Certified™
- **iControlAV2012 Ready**
- ControlApp Ready
- YouTube/Picasa Viewing
- Various Playable Formats
- Wireless LAN Ready

Video Features

- Blu-ray 3D™ Playback
- Qdeo™ Video Processor
- PureCinema I/P Conversion
- Triple High-Definition Noise Reduction
- Stream Smoother
- 36-bit Deep Colour
- x.v.Colour

Audio Features

- PQLS with HDMI
- DTS-HD® Master Audio™/Dolby® TrueHD Decoders
- Sound Retriever Link

Convenience

- **HDMI Dual Output**
- BD-Live™
- Quick Tray
- Continue Mode
- Control with HDMI
- DVD-Audio/SACD Compatible
- GUI in HD Resolution
- Auto Power Off
- Firmware Update (Disc/USB/Network)

Applicable models displayed in icons:

450 BDP-450

150 BDP-150

* New features in blue

For General Area

DLNA Certified™ (1.5)

450 150

The Blu-ray Disc players work both as a DMP (digital media player) and a DMR (digital media renderer). With the DMP function, it lets you search content in a DMS for playback on the Blu-ray Disc player. If you use it as a DMR, you can stream DMS content for playback on the Blu-ray Disc player. For example, you can stream a movie from your smartphone functioning as a M-DMS (Mobile DMS), and play it on the Blu-ray Disc player as a DMR.



Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on page 4 as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

Ready for iControlAV2012 App for iPod touch, iPhone, iPad, and Android

450 150

iControlAV2012 is an application developed by Pioneer, freely downloadable from the App Store or Google Play. The application allows you to use your device as a remote for controlling the Blu-ray Disc player's basic functions. Enjoy smooth control from your device, with support for 8 languages (same setting as your device).

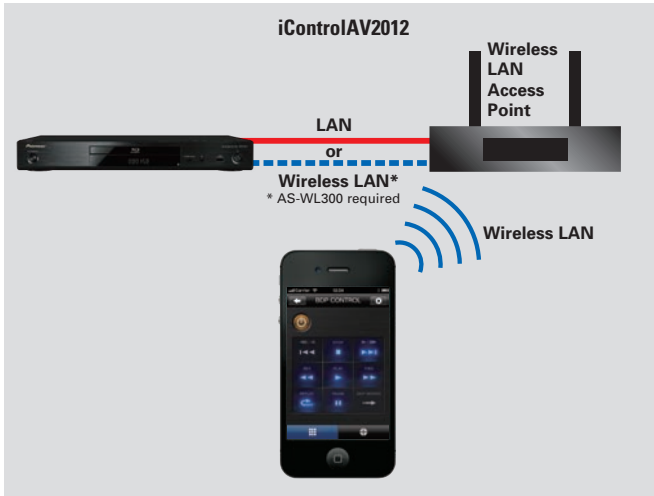
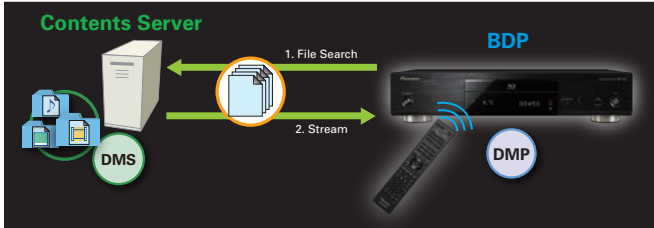
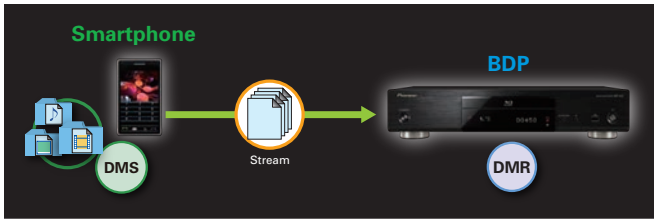


* Blu-ray Disc player needs to be connected to a home LAN network in a wireless LAN environment.

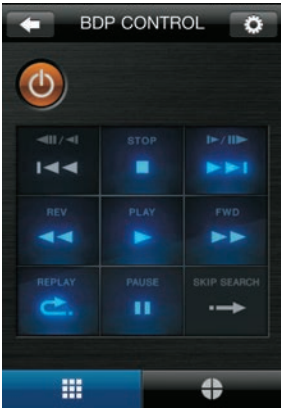
** For more information, visit

http://pioneer.jp/product/soft/iapp_icontrolav2012/en.html (iOS)

http://pioneer.jp/product/soft/aapp_icontrolav2012/en.html (Android)



BDP Control (iPhone)



BDP Control (iPad)

Ready for ControlApp for iPod touch, iPhone, and Android

450 150

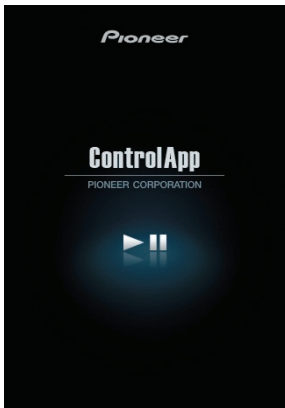
The application, available for free download, lets you use your iPod touch/iPhone/Android device as a remote for operating the Blu-ray Disc player's basic functions.

* Blu-ray Disc player needs to be connected to a home LAN network in a wireless environment.

For more information, visit

http://pioneer.jp/product/soft/iapp_controlapp/en.html (iOS)

http://pioneer.jp/product/soft/aapp_controlapp/en.html (Android)



YouTube Video/Picasa Viewing

450 150

You can easily view YouTube video or Picasa photos on your TV screen by connecting a Pioneer Blu-ray Disc player to the internet.

* Blu-ray Disc Player needs to be connected to the internet via a home LAN network.



BDP Control (iPhone)

Wireless LAN Ready

450 150

With the optional AS-WL300 converter, you can enjoy wireless LAN connection for Pioneer Blu-ray Disc players. The AS-WL300 works with power supply from the Blu-ray Disc player's dedicated USB terminal, so no AC adapter is required.



Connection ports for AS-WL300



AS-WL300 wireless LAN converter

Expanded Range of Playable Formats

450 150

The video and audio circuits of these Blu-ray Disc players have been further refined to bring out the best from the latest 3D content. The Blu-ray Disc players are compatible with DivX Plus HD and MKV format, as well as almost any package media including DVD-Audio* and SACD. As for network features, DLNA certification allows playback of various PC content including high-quality audio FLAC files. By combining compatible Pioneer AV receivers, Stream Smoother and Sound Retriever Link each optimises lossy video and audio files through HDMI connection.

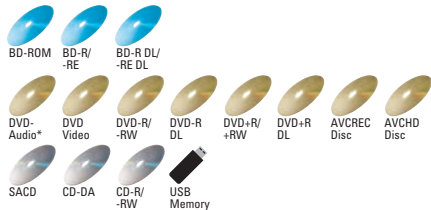
* BDP-450 only

Files (Extensions)	BDP-450	BDP-150
DivX (.avi/.divx/.mkv)	•	•
MPEG4 (.mp4/.3gp)	•	• (.mp4 only)
RMVB (.rm/.rmvb)	• *	• *
Flash Video (.flv)	•	•
WMV (.wmv)	•	•
AVI (.avi)	•	•
JPEG (.jpg/.jpeg)	•	•
FLAC (.flac)	• **	• **
MP3 (.mp3)	•	•
WMA (.wma)	•	•
LPCM (.wav)	•	•

* Not available in Oceania, Gulf Area, and South America

** Not compatible via network

Depending on the file structure and server capacity, it may not be possible to play certain files, even for files indicated above.



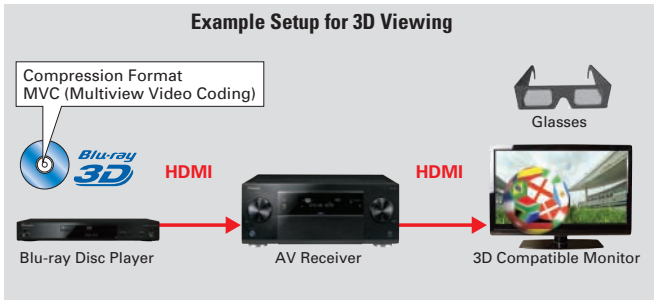
* BDP-450 only

Blu-ray 3D™ Playback

450 150

The video and audio circuits of these Blu-ray Disc players have been further refined to bring out the best from the latest 3D content. Just connect with a compatible TV to enjoy 3D cinema or a live performance-like experience at home. The Blu-ray Disc players support the 3D mandatory formats of HDMI and are capable of playing Blu-ray 3D packaged software as well as 3D broadcasts recorded on a Blu-ray Disc.

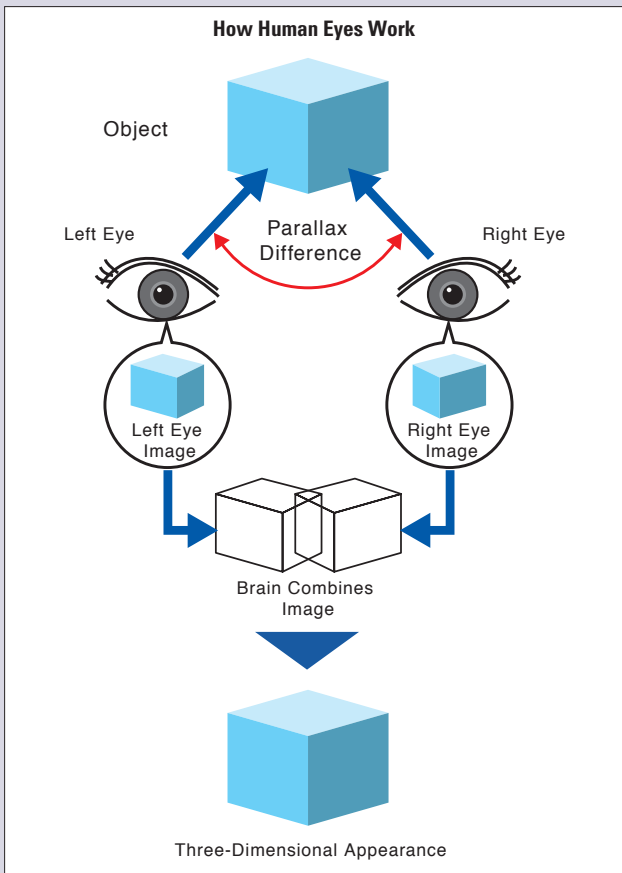
*To enjoy 3D video, the display, Blu-ray Disc player, AV receiver, and playback disc all must be 3D capable. A High Speed HDMI® cable is also required to transmit 3D data. The latest AV receivers from Pioneer — SC-LX86, SC-LX76, VSX-LX56, SC-2022, VSX-1122, VSX-922, VSX-822, VSX-522, VSX-322, VSX-S500, and VSX-S300 are all 3D compatible.



Stereoscopic 3D Technology

How 3D Works

When you look at something, the vision captured by the left eye is slightly different from that of the right eye. This gap is called parallax difference. As the brain combines the two inputs, parallax difference creates a three-dimensional appearance.



By applying this principle and delivering different images to the left and right eyes, 3D video artificially recreates this phenomenon, making the brain perceive depth from a flat image. The LCD shutter glasses darken one eye according to the alternating left/right frames — a far more sophisticated way than the red/blue filter glasses.

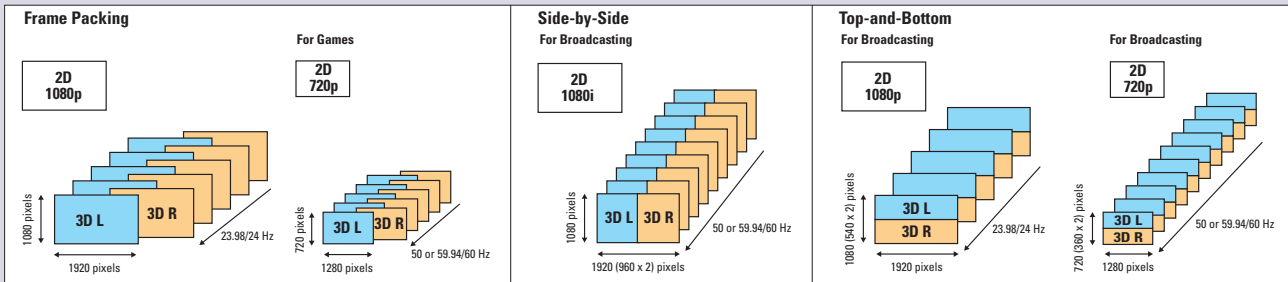


3D Video Formats

There are three HDMI mandatory formats for transmitting 3D signals to TV — the “frame packing”, “side-by-side”, and “top-and-bottom” methods. The “frame packing” needs twice the normal bandwidth to send an image (left and right). So the Blu-ray Disc player must double the transmission capacity. Therefore, 1920 x 1080 pixel full HD frame packing is mainly used for movie content with 24 Hz frame rate, while 1280 x 720 HD pixel frame packing is used for game content with 50 or 60 Hz

frame rate.

The “side-by-side” method maintains the original transmission frame rate, with left and right images stored in half-horizontal resolution and stretched to full width for sequential display. The “top-and-bottom” method also maintains the original transmission frame rate, with left and right images stored in half vertical resolution and stretched to full height for sequential display.



Qdeo™ Video Processor

450

The Blu-ray Disc player features LSI by Marvell's Qdeo™, which is widely acknowledged for its high-quality video processing. Qdeo™ video processing provides images free of noise and artifacts, for a truly immersive viewing experience.



Highly-Precise I/P Conversion

450

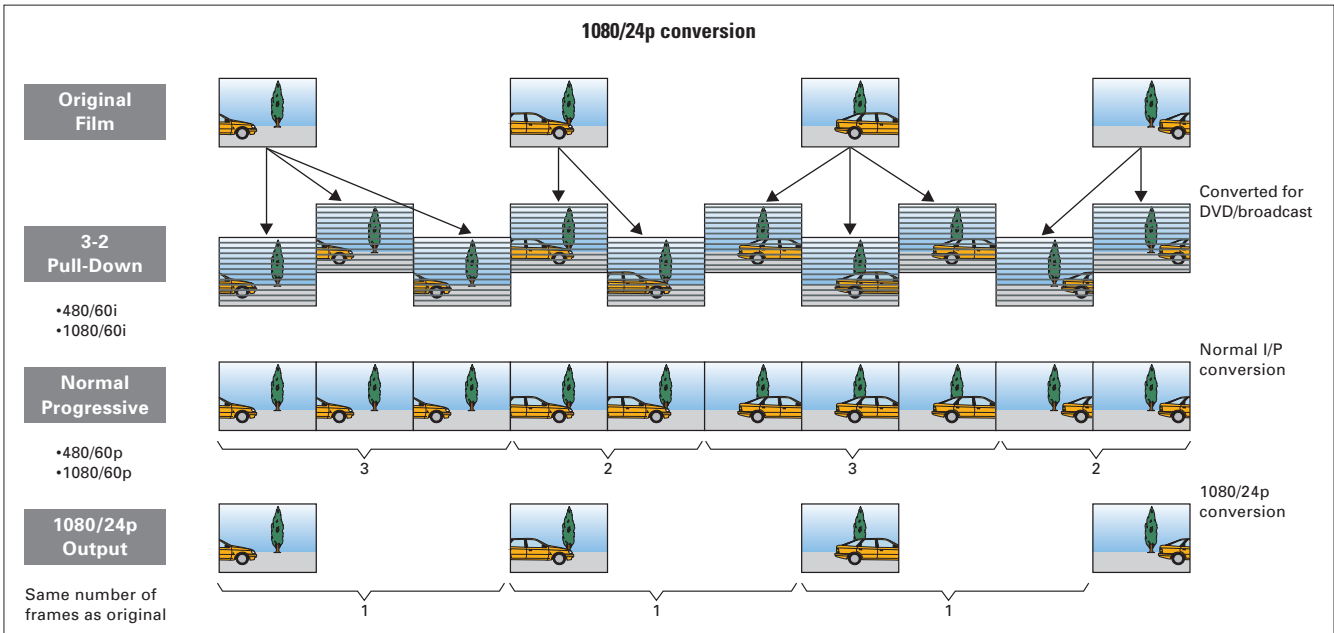
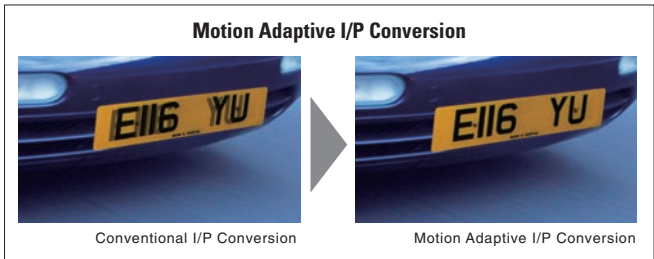
Merely having a high-grade video processor does not guarantee a quality picture — a fine-tuned setup makes the difference. Pioneer engineers have performed rigorous testing to achieve an optimum image from almost any content. This highly-precise conversion is effective for HD as well as SD sources.

PureCinema I/P Conversion (for theatrical film sources)

Theatrical movies are created at 24 frames per second (fps). For DVD the progressive frames are converted to an interlaced field format. For NTSC DVDs, restoring the original frames requires advanced processing. PureCinema I/P Conversion smoothly processes the frames without compromising the natural feel of the movies.

Motion Adaptive I/P Conversion (for video material)

Pioneer Blu-ray Disc players can convert 1080/60i high-definition sources for compatibility with a 1080/60p display. "Motion Adaptive" means that I/P conversion is done while analyzing the condition of the moving image, ensuring the highest picture quality with minimum noise.



Triple High-Definition Noise Reduction

450

The Blu-ray Disc player features three separate noise reduction circuits for enhanced video performance:

- Component Frame Noise Reduction (YNR/CNR): reduces Gaussian noise without blurring the picture
- Block Noise Reduction: reduces block noise in moving images
- Mosquito Noise Reduction: reduces random noise along the outline of the images

Stream Smoother

450

Stream Smoother is a newly developed video adjustment feature for watching network content on your home theatre. It reduces block noise and mosquito noise on low bit rate video content such as YouTube, offering finer and clearer images. The Blu-ray Disc player itself automatically detects the source type, and turns Stream Smoother on or off accordingly.

Deep Colour

450 150

Pioneer Blu-ray Disc players support 36-bit Deep Colour, featuring smooth gradation steps with more accurate precision of brightness and colour information, resulting in superbly detailed, natural colour.

x.v.Colour

450 150

Pioneer Blu-ray Disc players support "x.v.Colour" , which almost doubles the range of colours (known as the 'gamut') that can be accurately captured, and reproduced on a compatible display, thereby more closely matching the natural characteristics of the human eye.



Triple HD Video Noise Reductions

Gaussian Noise	Block Noise	Mosquito Noise
Grainy Image	Mosaic-Like Artifacts	Hazy Edge
Clear Image	Clear Image	Clear Image

Stream Smoother OFF	Stream Smoother ON

* For illustration purpose only

36-bit Deep Color Image

24-bit (8-bit x 3)	36-bit (12-bit x 3)
256 steps	4096 steps

24-bit 16 million colors	36-bit 68,719 million colors

Smoother Images

* For illustration purpose only

PQLS with HDMI

450

With the precision quartz controller on a compatible AV receiver, Pioneer's Precision Quartz Lock System (PQLS) eliminates distortion caused by timing errors. It controls the amount of audio signals from the AV receiver to the Blu-ray Disc player, giving the best possible digital-to-analogue conversion.



- Three types of PQLS are available depending on the connected AV receiver (see compatibility chart on right).
- PQLS 2ch Audio: For CD playback (LPCM).
 - PQLS Multi-Surround: For CD/DVD/BD sources, when the Blu-ray Disc player output is set to LPCM.
 - PQLS Bit-stream: For CD/DVD/BD sources, all the time.

For PQLS to be effective, Control with HDMI needs to be on, and — only for PQLS Multi-Surround — HDMI audio output needs to be set to PCM.

DTS-HD Master Audio™ and Dolby TrueHD

450 150

DTS-HD Master Audio™ and Dolby TrueHD are the highest quality audio formats available, provided by the huge capacity Blu-ray Disc to complement its high-definition videos. These new generation audio codecs bring you the equivalent of the original soundtrack, just as intended by the creator.



Sound Retriever Link

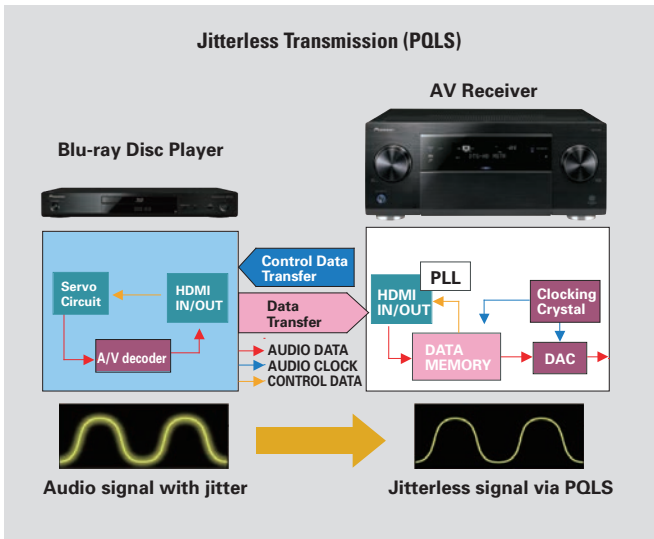
450 150

Through HDMI connection, Sound Retriever Link on Pioneer's AV receiver detects the original audio file information such as source type, codec, and bit rate played on a compatible Pioneer Blu-ray Disc player, and automatically switches to the most suitable Sound Retriever. So there is no need to switch on/off according to the source. Advanced Sound Retriever is selected for Blu-ray Disc and DVD sources, and Auto Sound Retriever is selected for other sources.



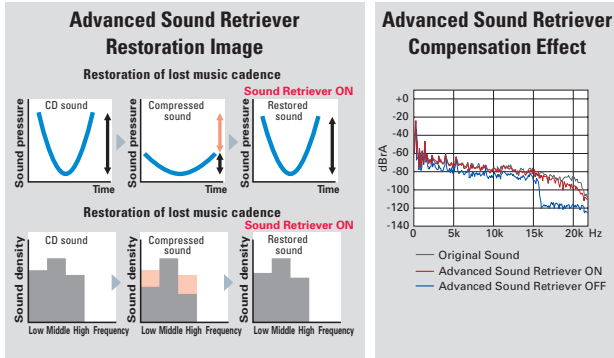
PQLS Backward Compatibility

AV Receivers	SC-LX85/SC-LX75/VSX-LX55 VSX-2021-K/VSX-1021 SC-LX86/SC-LX76/SC-LX56 SC-2022/VSX-1122/VSX-922	VSX-921	VSX-1020 VSX-920
Blu-ray Disc Player	BDP-450	Bit-stream/Multi-Surround/2ch	Multi/2ch
		2ch	



Sound Retriever on Pioneer's AV Receiver

Advanced Sound Retriever restores the lost music cadence on compressed audio. For low bit rate content, Auto Sound Retriever automatically detects and improves the sound quality.



Dual HDMI Output

450

The Blu-ray Disc player comes with dual HDMI output terminals. The audio and video signals can be separately transferred via the main and sub HDMI terminals. The isolation of the audio signals creates pure sound free of interference. Output signals from each terminal differ by connection mode.

HDMI DUAL OUTPUT BY CONNECTION MODE

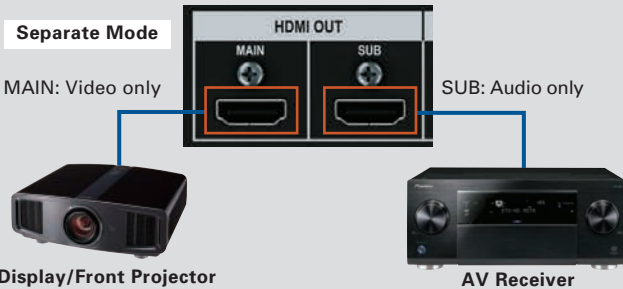
Connection Mode	HDMI Main	HDMI Sub
Dual	Audio/Video	Audio/Video
Separate	Video	Audio
Pure Audio	—	Audio

HDMI Dual Output Connection Example

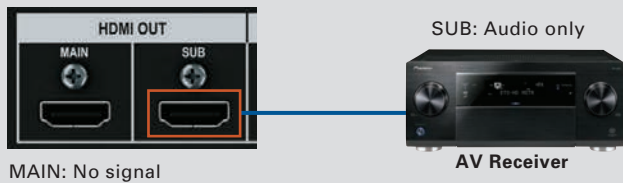
Dual Mode



Separate Mode



Pure Audio Mode



BD-LIVE™

450 150

With BD-LIVE™ compatible discs, you can download special content from the internet such as bonus features or languages not supported on the original disc. Downloaded data can be stored onto a USB memory device or HDD via the USB port.

* BD-LIVE™ only available on compatible discs and playable features depend on the disc contents.



Quick Tray

450 150

You can open the tray and load a disc, even while the Blu-ray Disc player is just starting up. The Quick Tray feature allows immediate playback when the unit is ready, by eliminating the extra waiting time.



Continue Mode

450 150

With the Pioneer-original Continue Mode, you can easily continue watching Blu-ray Discs from where you left off. Press the “CONTINUED” key on the remote control during playback, then turn off the power. To re-start, turn the power back on, select “Yes” on the pop-up message, and playback starts from the memorized point.

Continue Mode

1 Press “CONTINUED” key during playback.

“Continued Play Memorized!” message is displayed

“Memorized” message is displayed

2 Power off without removing disc.

3 Turn power back on and playback the title.

Pop-up message appears

Select “Yes” to start playback from the memorized point.

4 Playback continues from the memorized scene.

“CONTINUED” key on remote control

- Continue Mode is effective even when the power is turned off, as long as the disc remains unremoved.
- While the pop-up message is displayed, the Blu-ray Disc continues normal playback in the background.
- Continue Mode may not work depending on disc conditions.

Control with HDMI

450 150

When connected to a compatible TV, Control with HDMI lets you operate the basic functions of the Pioneer Blu-ray Disc player, such as power on/off and playback through your TV's remote control.

DVD-Audio/SACD Compatible

450 150*

The Blu-ray Disc players can play back DVD-Audio and SACD — high-fidelity audio formats far exceeding CD in capacity and sound quality. The units can also output DSD signals.

* Compatible with SACD only



GUI in HD Resolution

450 150

With an HD resolution GUI and crisp, clear display smooth, operation is guaranteed.

Auto Power Off

450 150

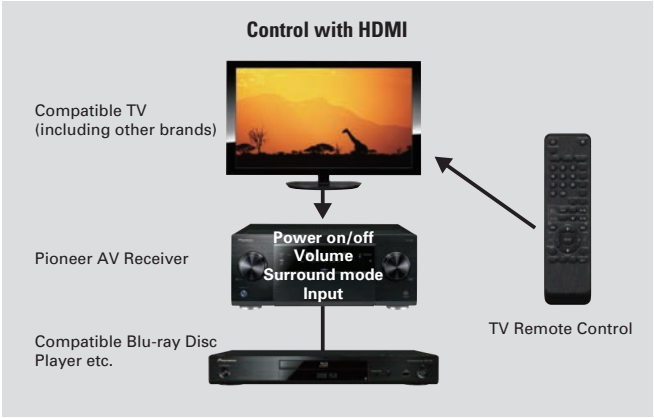
The Blu-ray Disc player will automatically turn off after being left uncontrolled for a certain time set by the user.

Firmware Update

450 150

Firmware updates can be done through LAN connection*, or by using an update CD or a USB memory device.

* Blu-ray Disc player needs to be connected to the internet via a home LAN network.



FEATURE COMPARISON & SPECIFICATIONS: BLU-RAY DISC PLAYERS

	BDP-450	BDP-150
Network Features		
DLNA Certified™ (1.5)	•	•
iControlAV2012 Ready	•	•
ControlApp Ready	•	•
YouTube/Picasa Viewing	•	•
Multi-Format Playback	•	•
Wireless LAN Ready	•	•
Video Features		
Blu-ray 3D™ Playback	•	•
Qdeo™ Video Processor	•	•
PureCinema I/P Conversion	•	•
Triple High-Definition Noise Reduction	•	•
Stream Smoother	•	•
Deep Colour	• (36-bit)	• (36-bit)
x.v.Colour	•	•
Audio Features		
PQLS with HDMI	• (Bit-stream, Multi, 2ch)	•
DTS-HD Master Audio™	•	•
Dolby TrueHD	•	•
Sound Retriever Link	•	•
Convenience		
HDMI Dual Output	•	•
BD-LIVE™	•	•
Quick Tray	•	•
Continue Mode	•	•
Control with HDMI	•	•
DVD-Audio Compatible	•	•
SACD Compatible	•	•
GUI in HD Resolution	•	•
Auto Power Off	•	•
Firmware Update (Disc/USB/Network)	•	•
Specifications		
Power Requirements	AC 110-240 V 50/60 Hz	AC 110-240 V 50/60 Hz
Power Consumption (Wake on LAN Mode)	23 W (12 W)	20 W (9 W)
Power Consumption during Standby Mode	0.3 W	0.3 W
Dimensions (W x H x D)	435 x 90 x 252 mm	435 x 58 x 250 mm
Weight	2.7 kg	2.1 kg

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DivX Certified® to play DivX® and DivX Plus® HD (H.264/MKV) video up to 1080p HD including premium content.

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Windows and the Windows logo are trademarks of the Microsoft group of companies.

"Qdeo", and "QuietVideo" are trademarks of Marvell or its affiliates.

Product Sheet

BDP-450/FWLXE

BDP-450/PWXE

BDP-450/YXE8

BDP-150/FWLXE

BDP-150/PWXE

BDP-150/UCXESM

BDP-150-K/YXE8



BDP-450

Pioneer Blu-ray 3D™ Disc Player with Dual HDMI Output, Network Features, Stream Smoother, PQLS, and DVD-Audio/SACD Playback



NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/Control App Ready
- › YouTube/Picasa Viewing
- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Qdeo™ High-Quality Video Processor
- › Triple High-Definition Noise Reduction
- › Stream Smoother
- › 36-bit Deep Colour/x.v.Colour
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › PQLS with HDMI
- › 192 kHz/24-bit Audio DAC
- › DTS-HD Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › Dual HDMI Output (see right lower chart)
- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Off
- › Firmware Update (Disc/USB/Network)

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › DVD-Audio/SACD
- › CD/CD-R/CD-RW/DTS-CD

FILE PLAYBACK COMPATIBILITY (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4/.3gp)	•
RMVB (.rm/.rmvb)	•*
Flash Video (.flv)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

HDMI OUTPUT MODE

Mode	Main	Sub
Dual	Audio/Video	Audio/Video
Separate	Video	Audio
Pure Audio	–	Audio

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-450

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CONNECTIONS

REAR PANEL



BDP-450/FWLXE

TERMINALS

- › Dual HDMI Output (Main/Sub)
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 23 W (12 W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 90 x 252 mm
- › Weight: 2.7 kg

INTEGRATED TECHNOLOGIES



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Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

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BDP-450

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NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/Control App Ready
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- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Qdeo™ High-Quality Video Processor
- › Triple High-Definition Noise Reduction
- › Stream Smoother
- › 36-bit Deep Colour/x.v.Colour
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › PQLS with HDMI
- › 192 kHz/24-bit Audio DAC
- › DTS-HD Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › Dual HDMI Output (see right lower chart)
- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Off
- › Firmware Update (Disc/USB/Network)

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › DVD-Audio/SACD
- › CD/CD-R/CD-RW/DTS-CD

FILE PLAYBACK COMPATIBILITY (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4/.3gp)	•
Flash Video (.flv)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

HDMI OUTPUT MODE

Mode	Main	Sub
Dual	Audio/Video	Audio/Video
Separate	Video	Audio
Pure Audio	–	Audio

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-450

Pioneer Blu-ray 3D™ Disc Player with Dual HDMI Output, Network Features, Stream Smoother, PQLS, and DVD-Audio/SACD Playback

CONNECTIONS

REAR PANEL



BDP-450/PWXE

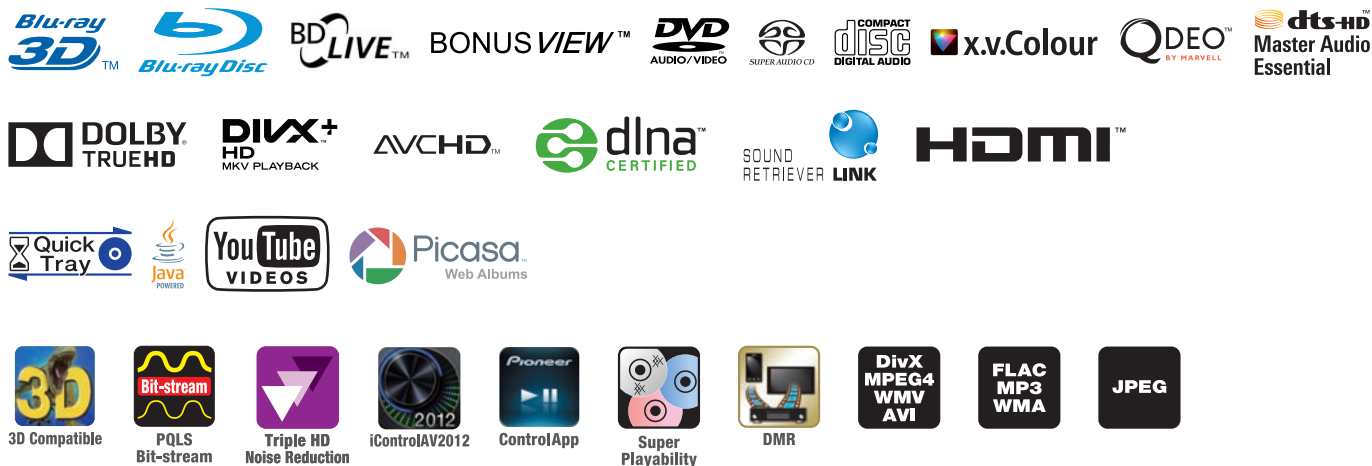
TERMINALS

- › Dual HDMI Output (Main/Sub)
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 23 W (12 W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 90 x 252 mm
- › Weight: 2.7 kg

INTEGRATED TECHNOLOGIES



PIONEER and the Pioneer logo are registered trademark of Pioneer Corporation.

Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

Blu-ray Disc, Blu-ray 3D, BD-Live, BONUSVIEW, and the logos are trademarks of the Blu-ray Disc Association.

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Windows and the Windows logo are trademarks of the Microsoft group of companies.

"Qdeo", and "QuietVideo" are trademarks of Marvell or its affiliates.



BDP-450

Pioneer Blu-ray 3D™ Disc Player with Dual HDMI Output, Network Features, Stream Smoother, PQLS, and DVD-Audio/SACD Playback



NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/Control App Ready
- › YouTube/Picasa Viewing
- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Qdeo™ High-Quality Video Processor
- › Triple High-Definition Noise Reduction
- › Stream Smoother
- › 36-bit Deep Colour/x.v.Colour
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › PQLS with HDMI
- › 192 kHz/24-bit Audio DAC
- › DTS-HD Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › Dual HDMI Output (see right lower chart)
- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Off
- › Firmware Update (Disc/USB/Network)

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › DVD-Audio/SACD
- › CD/CD-R/CD-RW/DTS-CD

FILE PLAYBACK COMPATIBILITY (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4/.3gp)	•
Flash Video (.flv)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

HDMI OUTPUT MODE

Mode	Main	Sub
Dual	Audio/Video	Audio/Video
Separate	Video	Audio
Pure Audio	–	Audio

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-450

Pioneer Blu-ray 3D™ Disc Player with Dual HDMI Output, Network Features, Stream Smoother, PQLS, and DVD-Audio/SACD Playback

CONNECTIONS

REAR PANEL



BDP-450/YXE8

TERMINALS

- › Dual HDMI Output (Main/Sub)
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 23 W (12 W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 90 x 252 mm
- › Weight: 2.7 kg

INTEGRATED TECHNOLOGIES



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Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

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Windows and the Windows logo are trademarks of the Microsoft group of companies.

"Qdeo", and "QuietVideo" are trademarks of Marvell or its affiliates.



BDP-150

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback



NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/ControlApp Ready
- › YouTube/Picasa Viewing
- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Stream Smoother Link
- › 36-bit Deep Colour/x.v.Colour
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › 192 kHz/24-bit Audio DAC
- › DTS-HD® Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Down
- › Firmware Update (Disc/USB/Network)

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › SACD
- › CD/CD-R/CD-RW/DTS-CD

File Playback Compatibility (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4/.3gp)	•
RMVB (.rm/.rmvb)	•*
Flash Video (.flv)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-150

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback

CONNECTIONS

REAR PANEL



BDP-150/FWLXE

TERMINALS

- › HDMI Output
- › Composite Video Output
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet
- › 2-ch Analogue Audio Output

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 20 W (9W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 58 x 250 mm
- › Weight: 2.1 kg

INTEGRATED TECHNOLOGIES



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Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

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Real RMVB logo is a trademark or a registered trademark of RealNetworks, Inc.



BDP-150

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback



NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/ControlApp Ready
- › YouTube/Picasa Viewing
- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Stream Smoother Link
- › 36-bit Deep Colour/x.v.Colour
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › 192 kHz/24-bit Audio DAC
- › DTS-HD® Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Down
- › Firmware Update (Disc/USB/Network)

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › SACD
- › CD/CD-R/CD-RW/DTS-CD

File Playback Compatibility (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4/.3gp)	•
Flash Video (.flv)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-150

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback

CONNECTIONS

REAR PANEL



BDP-150/PWXE

TERMINALS

- › HDMI Output
- › Composite Video Output
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet
- › 2-ch Analogue Audio Output

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 20 W (9W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 58 x 250 mm
- › Weight: 2.1 kg

INTEGRATED TECHNOLOGIES



PIONEER and the Pioneer logo are registered trademark of Pioneer Corporation.

Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

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Picasa, the Picasa Logo, YouTube, the YouTube Logo are registered trademarks of Google, Inc.

Windows and the Windows logo are trademarks of the Microsoft group of companies.



BDP-150

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback



NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/ControlApp Ready
- › YouTube/Picasa/Netflix Viewing
- › Pandora Radio
- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Stream Smoother Link
- › 36-bit Deep Color/x.v.Color
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › 192 kHz/24-bit Audio DAC
- › DTS-HD® Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Down
- › Firmware Update

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › SACD
- › CD/CD-R/CD-RW/DTS-CD

File Playback Compatibility (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4/.3gp)	•
Flash Video (.flv)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-150

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback

CONNECTIONS

REAR PANEL



BDP-150/UCXESM

TERMINALS

- › HDMI Output
- › Composite Video Output
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet
- › 2-ch Analog Audio Output

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 20 W (9W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 17-1/8 x 2-5/16 x 9-13/16 inches (435 x 58 x 250 mm)
- › Weight: 4 lbs. 10 oz. (2.1 kg)

INTEGRATED TECHNOLOGIES



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Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

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Windows and the Windows logo are trademarks of the Microsoft group of companies.

Netflix® is a registered trademark of Netflix, Inc.

Pandora is a registered trademark of Pandora Media, Inc.



BDP-150-K

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback



NETWORK FEATURES

- › DLNA Certified™* (works as DMP/DMR, plays files from smartphones)
- › iControlAV2012 Ready/ControlApp Ready
- › YouTube/Picasa Viewing
- › Various Playable Formats (see right chart)
- › Wireless LAN Ready (Optional AS-WL300 required)

VIDEO FEATURES

- › Blu-ray 3D™ Playback
- › Stream Smoother Link
- › 36-bit Deep Colour/x.v.Colour
- › HDMI 1080p/24 Hz Output

AUDIO FEATURES

- › 192 kHz/24-bit Audio DAC
- › DTS-HD® Master Audio™/Dolby® TrueHD Decoders
- › Sound Retriever Link

CONVENIENCE

- › BD-Live™/BONUSVIEW™
- › USB 1 in on Front
- › Quick Start/Quick Tray
- › Continue Mode
- › Control with HDMI
- › GUI in HD Resolution
- › Auto Power Down
- › Firmware Update (Disc/USB/Network)

PLAYBACK DISCS

- › BD-ROM/BD-R/BD-RE
- › DVD-Video/DVD-R/DVD-RW/DVD+R/DVD+RW
- › AVCHD/AVCREC
- › SACD
- › CD/CD-R/CD-RW/DTS-CD

File Playback Compatibility (Disc/USB/Network)

Files (Extensions)	
DivX (.avi/.divx/.mkv)	•
MPEG-4 (.mp4)	•
WMV (.wmv)	•
AVI (.avi)	•
JPEG (.jpg/.jpeg)	•
FLAC (.flac)	•*
MP3 (.mp3)	•
WMA (.wma)	•
LPCM (.wav)	•

* Not compatible via network

* Depending on file structure and server capacity, it may not be possible to play certain files, including those listed on above chart as playable formats. Files protected by DRM (Digital Rights Management) cannot be played. Only play/pause can be controlled during DMR operation. AVCHD contents cannot be played via LAN.

BDP-150-K

Pioneer Blu-ray 3D™ Disc Player with Network Features, Front USB, and SACD Playback

CONNECTIONS

REAR PANEL



BDP-150-K/YXE8

TERMINALS

- › HDMI Output
- › Composite Video Output
- › Digital Coaxial Output
- › USB Input (1 front/1 rear)
- › Ethernet
- › 2-ch Analogue Audio Output

SPECIFICATIONS

- › Power Requirements: 110-240 V 50/60 Hz
- › Power Consumption: 20 W (9W for Wake on LAN Mode)
- › Power Consumption During Standby: 0.3 W
- › Dimensions (W x H x D): 435 x 58 x 250 mm
- › Weight: 2.1 kg

INTEGRATED TECHNOLOGIES



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Compatible with MPEG1 Audio Layer3 32 kHz, 44.1 kHz and 48 kHz formats.

MP3 file name requires mp3 as an extension.

Chinese characters cannot be displayed, although files featuring them can be played.

The number of folders and files within a single folder (including the root directory) is limited to a maximum of 256. Also, keep the number of folder layers to a maximum of 5.

Can play VBR (Variable Bit Rate) content, but playing time may not be shown correctly.

This unit may not be able to play back discs that have been recorded on other units due to the recording conditions, mode, surface dirt, or scratches.

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