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You can read the recommendations in the user guide, the technical guide or the installation guide for PIONEER BDP-180. You'll find the answers to all your questions on the PIONEER BDP-180 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PIONEER BDP-180
User guide PIONEER BDP-180
Operating instructions PIONEER BDP-180
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For more detailed information on the DualDisc specification, please refer to the disc manufacturer or disc retailer. Book 11 □□□
□□□□□□□□□□□□□□□□□□□□□□□□ Part Names and Functions Remote Control STANDBY/ON 7 8 9 VIDEO SELECT – (page 22) HOME MEDIA
GALLERY – (page 31) TOP MENU – Press to display the top menu of the BDROM or DVD-Video. 01 1 TV CONTROL OPEN/CLOSE 15 10 □/□/□/□ – Use
to select items , change settings and move the cursor. ENTER – Press to execute the selected item or enter a setting that has been changed, etc. 16 FL
DIMMER – When pressed, the brightness of the player’s front panel display and the status of the indicators on the player’s front panel changes.
front panel display Bright Medium Dark Off Indicators Blu-ray Bright Bright Dark Off FL OFF Off Off Off Lit HDMI1 Lit Lit Lit Off TOP MENU TOOLS
ENTER HOME MENU RETURN 11 PLAY 23 PREV PAUSE STOP NEXT 12 13 14 RED GREEN BLUE YELLOW VIDEO ADJUST 1. This lights when an
HDMI-compatible device is connected to an HDMI OUT terminal (page 14). bD PLAYER 17 ANGLE – (page 25) 18 OUTPUT RESOLUTION – (page 22) 19
PLAY MODE – (page 28) 20 POP UP MENU/MENU – Press to display the BDROM or DVD-Video menus. 21 DISPLAY – (page 26) 22 23 TOOLS – (page
21) RETURN – Press to return to the previous screen. 1 2 3 4 5 □ STANDBY/ON – Press to turn the power on and off. TV CONTROL – (page 20) AUDIO –
(page 26) SUBTITLE – (page 25) Number buttons – Use these to select and play the title/chapter/track you want to view or listen to and to select items from
menus. CLEAR – Press to clear the numeric number, etc. ENTER – Press to execute the selected item or enter a setting that has been changed, etc. 6
SECONDARY AUDIO – (page 26) SECONDARY VIDEO – (page 26) 11 En 320_UXJCA_EN. Book 12 □□□ □□□□□□□□□□□□□□□□□□□□□□□□ 01 Front
Panel 1 2 3 4 5 6 7 8 9 10 1 2 3 □ STANDBY/ON – Press to turn the power on and off.

FL OFF indicator – Lights when the player’s front panel display is turned off pressing FL DIMMER. q/□ – Press to skip to the beginning of the previous
title/chapter/track/file. press and hold to start reverse scanning (page 25). q/□ – Press to skip to the beginning of the next title/chapter/track/file. 4 Remote
control sensor – Point the remote control to this, then operate it within approximately 23 feet (7 m). The player may have trouble capturing remote control
signals if there is a fluorescent light nearby. If this happens, move the player away from the fluorescent light. Disc tray Blu-ray indicator – Lights when the
power is turned on. Front Panel Display 1 2 3 4 5 HD LAN PQLS 24HZ 50HZ 60HZ CONTROL EXT 9 8 7 6 1 2 3 □ – (page 24) □ – (page 24) HD – This
lights when an HDMI cable is connected and video signals are being output with a resolution of 1080/24p, 1080/60i, 1080/60p or 720/60p. It also lights when
a component video cable is connected and video signals are being output with a resolution of 1080/60i or 720/60p.

LAN – (page 18) PQLS – (page 15) Character display – Displays the title/chapter/track number, elapsed time, etc. 24HZ/50HZ/60HZ – The frequency of the
video frame or field being output lights. 1 ch) terminals – (page 16) VIDEO OUT terminals VIDEO – (page 16) COMPONENT VIDEO – (page 16) AC IN –
(page 18) CONTROL IN terminal – Use to control this player from the remote sensor of another Pioneer component with a CONTROL OUT terminal and
bearing the □ mark. Connect the CONTROL OUT terminal of the other component to CONTROL IN on this player using a mini-plug cord (commercially
available). Caution • Be sure to connect cables for outputting the audio and video signals.

□ When connected via System Control, point the remote control toward the connected component (such as an AV receiver or amplifier). The remote will not
work correctly when pointed at this player. □ You cannot use System Control with components that do not have a System Control terminal or with components
manufactured by companies other than Pioneer. 5 6 7 8 DIGITAL OUT (OPTICAL) terminal – (page 17) HDMI OUT terminal – (page 16) USB (BD
STORAGE) port – (page 17) LAN (100) terminal – (page 18) 3 4 13 En 320_UXJCA_EN. Book 14 □□□ □□□□□□□□□□□□□□□□□□□□□□□□ 02 Chapter 2
Connecting up Be sure to turn off the power and unplug the power cord from the power outlet whenever making or changing connections.

After connecting, make the settings at the Setup Navigator menu according to the type of cable connected (page 19). Also refer to the operating instructions of
the device being connected. Capabilities, allowing natural colors to be reproduced more faithfully than ever. Color™ is a promotion name given to the
products that have the capability to realize a wide-gamut color space based on the international standard specifications defined as xvYCC. Connecting using
an HDMI cable The audio and video signals can be transferred to HDMI-compatible devices as digital signals with no loss of sound or video quality. Note •
Make the settings at the Setup Navigator menu according to connected HDMI-compatible device (page 19). □ The HDMI indicator on the player’s front panel
lights when an HDMI-compatible device is connected to an HDMI OUT terminal (page 12). □ 1080p video signals may not be output, depending on the
HDMI cable being used. Are trademarks of Sony □ Audio signals that can be transferred with the player’s HDMI OUT terminal Dolby TrueHD Dolby Digital
Plus Dolby Digital DTS-HD Master Audio DTS-HD High Resolution Audio DTS Digital Surround MPEG-2 AAC Linear PCM Linear PCM audio signals
meeting the following conditions can be output: – Sampling frequency: 32 kHz to 192 kHz – Number of channels: Up to 8 (up to 6 for a 192 kHz sampling
frequency) For details, see About the audio output settings on page 47. •••••••• About HDMI This player incorporates High-Definition Multimedia
Interface (HDMI™) technology.

HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC. the player supports
Deep Color. The conventional players can transmit a video signal with 8 bit color depth in the YCbCr 4:4:4 or RGB formats, the players supporting Deep
Color can transmit a video signal with a color bit depth of greater than 8 bits per color component. Subtle color gradations can be reproduced when
connected to a TV that supports Deep Color. This product is compatible with “x. v. Color” that have the capability to realize a wide-gamut color space based
on the xvYCC specifications.



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Playing video signals conforming to “xvYCC” standards on this player when connected to an “x.” expands color reproduction. About the HDMI High Speed Transmission This player outputs 1080/60p and Deep Color video signals. If your TV supports 1080/60p or Deep Color signals, use a High Speed HDMI™ cable in order to take advantage of the maximum performance the player and TV can offer.

also set HDMI High Speed Transmission to On (page 39). High Speed HDMI™ cables are tested to carry signals up to 1080p. 1080/24p, 1080/60i, 1080/60p and 720/60p video signals that are capable of Deep Color can also be carried. Note • Set HDMI High Speed Transmission to Off when using an HDMI cable other than a High Speed HDMI™ cable (a Standard HDMI™ cable). 14 En 320_UXJCA_EN.

Book 15 • The following restrictions apply when HDMI High Speed Transmission is set to Off: – Deep Color signals are not output. If the output video resolution is set to Auto, the signals are output with a resolution of 1080/60i when TV’s preferred resolution is 1080/60p. When the output video resolution is set to 480i or 480p, Dolby TrueHD and DTS-HD Master Audio audio signals are output as Dolby Digital, DTS Digital Surround or linear PCM signals. 96 kHz or 192 kHz multi-channel audio signals are output as linear PCM 2-channel audio signals (page 47). When an HDMI cable with a built-in equalizer is connected, it may not operate properly.

Caution • Also refer to the operating instructions of the Flat Panel TV and AV system (AV receiver or amplifier, etc.). Note • CONTROL on the player’s front panel display lights when the KURO LINK function is activated (page 12). 02 To use the KURO LINK function • The KURO LINK function only works when outputting video signals from the HDMI OUT terminal. The KURO LINK function works when KURO LINK is set to On on the player (page 39). The KURO LINK function operates when KURO LINK is set to On for all devices connected with HDMI cables. Once connections and the settings of all the devices are finished, be sure to check that the player’s picture is output to the Flat Panel TV. (Also check after changing the connected devices and reconnecting HDMI cables.) The KURO LINK function may not operate properly if the player’s picture is not properly output to the Flat Panel TV. Use High Speed HDMI™ cables when using the KURO LINK function.

The KURO LINK function may not operate properly if other HDMI cables are used. For some models, the KURO LINK function may be referred to as “HDMI Control”. The Simultaneous power function is activated when the player is set as follows (page 39): Display Power On: On Display Power Off: On When connected to a DVI device • It is not possible to connect DVI devices (computer displays, for example) that are not compatible with HDCP. HDCP is a specification to protect audiovisual content across the DVI/HDMI interface. This player is designed for connection with HDMI compatible devices. When connected to a DVI device, it may not operate properly depending on the DVI device. About KURO LINK function The functions listed below work when a Pioneer KURO LINK-compatible Flat Panel TV or AV system (AV receiver or amplifier, etc.) is connected to the player using an HDMI cable. Functions operated from the TV Such player operations as starting and stopping playback and displaying the menus can be performed from the Flat Panel TV. auto-select function The input switches automatically on the Flat Panel TV and AV system (AV receiver or amplifier, etc.)

) when playback is started on the player or the Home Menu or Home Media Gallery is displayed. When the input is switched, the playback picture, the Home Menu or Home Media Gallery appears on the Flat Panel TV. Simultaneous power function When playback on the player is started or the Home Menu or Home Media Gallery is displayed, if the Flat Panel TV’s power was off, its power turns on automatically. When the Flat Panel TV’s power is turned off, the player’s power automatically turns off. Unified language function When the language information from a connected Flat Panel TV is received, you can have the player’s on-screen display language change automatically to that of the Flat Panel TV.

This function is available only when playback is stopped and the menu screen is not displayed. About PQLS function The PQLS (Precision Quartz Lock System) is a transfer control technology using the KURO LINK function. The player’s output signals are controlled from the AV receiver or amplifier to achieve high quality sound playback using the quartz oscillator of AV receiver or amplifier. This eliminates the influence of the jitter generated upon transfer which can adversely affect the sound quality. This player supports the “PQLS 2ch Audio” that is only activated when playing an audio CD (CD-DA).

The PQLS function is only activated when a Pioneer AV receiver or amplifier compatible with the “PQLS 2ch Audio” function is connected directly to the player’s HDMI OUT terminal using an HDMI cable. The PQLS function is activated when the player is set as follows (page 39): KURO LINK: On PQLS: Auto • Also refer to the operating instructions of AV receiver or amplifier. Please see the Pioneer website for AV receivers or amplifiers that support the PQLS function. 15 En 320_UXJCA_EN. Book 16 02 Caution • If the output video resolution is switched when playing an audio CD (CD-DA), the PQLS function does not work. This function will work again after playback stops and restarts. Note • PQLS on the player’s front panel display lights when the PQLS function is activated (page 12). Connecting an AV receiver or amplifier Connect to an AV receiver or amplifier in order to enjoy the surround sound of Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-HD Master Audio, DTS-HD High Resolution Audio or DTS Digital Surround. For instructions on connecting the TV and speakers to the AV receiver or amplifier, refer to the operating instructions of AV receiver or amplifier. Caution • Hold the plug when connecting and disconnecting the cable.

Placing a load on the plug could result in faulty contact and no video signals being output. Player’s rear panel VIDEO OUT VIDEO COMPONENT VIDEO Y CENTER SUB WOOFER About connections to components of other makes supporting the KURO LINK function The functions listed below work when a TV or AV system (AV receiver or amplifier, etc.) supporting the player’s KURO LINK function is connected to the player using an HDMI cable. (Depending on your TV or AV system (AV receiver or amplifier, etc.), it could happen that not all of the functions will work.



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1 ch) Network connection BD-LIVE functions such as downloading movie trailers or additional audio and subtitle languages and playing on-line games can be enjoyed over the Internet. The player's software can also be updated over the Internet (page 46).

Connect an Ethernet hub (or a router with hub functionality) that is connected to the Internet to the player. Power cord (included) To wall outlet 18 En Be sure to use a 100BASE-TX compatible Ethernet hub or router. 320_UXJCA_EN. Book 19 0000 0000000000000000000000 Chapter 3 Getting Started Making settings using the Setup Navigator menu Be sure to perform these settings when using the player for the first time. Caution • Before turning on the power, check that the connections between the player and other devices are correct. Also, turn on the power of the devices connected to the player before turning on the player's power. □ When using a Pioneer Flat Panel TV or front projector compatible with the KURO LINK function, set KURO LINK to On on the connected device before turning on the player's power. □ The screen in step 10 and test tones are output simultaneously according to the settings in steps 4 to 7. Lower the volume of the devices connected with the player. Note • When a Pioneer Flat Panel TV or front projector compatible with the KURO LINK function is connected to the player using an HDMI cable, the player is automatically set to the optimum picture quality for the connected device.

TOP MENU TOOLS 03 3 Select the OSD language. Use □/□ to select, then press ENTER. When a Pioneer Flat Panel TV that is compatible with KURO LINK is connected to this player's HDMI OUT terminal, language settings are imported from the Pioneer Flat Panel TV's language settings before Setup Navigator begins. Use □/□/□/□ to select, then press ENTER. Setting item Video Audio HDMI COMPONENT VIDEO HDMI DIGITAL AUDIO ANALOG AUDIO HDMI OUT DIGITAL OUT AUDIO OUT Output terminal name HDMI OUT VIDEO OUT COMPONENT VIDEO VIDEO ENTER Caution RETURN HOME MENU

• When HDMI is selected for Video, no video signals are output from the COMPONENT VIDEO or VIDEO output terminals.

□ When COMPONENT or VIDEO is selected at Video, no video signals are output from the HDMI OUT terminal. □ The video and audio signals output from the set output terminals are output synchronously (lip synchronization). • When COMPONENT or VIDEO is selected at Video, no sound is output if HDMI is selected at Audio. Follow the procedure below to redo the connections, then select the proper connection at the setup screen. □ When connecting using component video cables or a video cable to watch the picture, connect to an AV receiver or amplifier, or a TV using either analog audio cables (7.

1 channels or 2 channels), an optical digital audio cable (page 17). 1 Turn on the TV's power and switch the input. See the TV's operating instructions for instructions on operating the TV. π If the Setup Navigator menu is not displayed □ Press HOME MENU to display the Home Menu, select Initial Setup □ Setup Navigator □ Start, then press ENTER. 19 En 320_UXJCA_EN. Book 20 0000 0000000000000000000000 03 – To listen to audio with the player connected to an AV receiver or amplifier with an HDMI cable, connect the TV to the AV receiver or amplifier using an HDMI cable (page 16). □ When HDMI or DIGITAL AUDIO is selected at Audio, linear PCM audio signals (2 channels) are output from all terminals other than the ones selected at Audio. □ When ANALOG AUDIO is selected at Audio, no audio signals are output from the HDMI OUT or DIGITAL OUT terminals. For steps 5 to 7, the step to which you should proceed depends on the combination of the Video and Audio settings. 5 Select and set the HDMI High Speed Transmission setting for the HDMI OUT terminal.

Use □/□ to select, then press ENTER. When HDMI High Speed Transmission for the HDMI OUT terminal is set to On, use a High Speed HDMI™ cable. The picture and sound may not be output properly if any other HDMI cable (for example a standard HDMI™ cable) or an HDMI cable with built-in equalizer is used. 6 Select the output video resolution from the COMPONENT VIDEO output terminals. Use □/□ to select, then press ENTER. For details on the resolution settings, see Switching the output video resolution on page 22. 7 Select the aspect ratio of your TV. Use □/□ to select, then press ENTER. Use □/□ to select Yes, then press ENTER. 10 Finish the Setup Navigator menu.

Use □/□ to select Finish, then press ENTER. To redo the settings from the start, select Go Back. Depending on the output terminal setting of step 4 or the HDMI cable being used, it may happen that no picture and/or sound is output. If this happens, the setup returns to step 4 if there is no operation for over 30 seconds. Once the setup returns to step 4, redo the settings according to the connected devices and the HDMI cable being used.

11 Checking the picture quality settings or setting the picture quality If a Pioneer Flat Panel TV or projector is connected to the player and HDMI is selected for Video in step 4, the player sets the picture quality automatically. The automatic picture quality setting screen appears. press ENTER. When the automatic picture quality setting screen does not appear, the manual picture quality setting screen appears. Use □/□ to select the connected component, then press ENTER.

Operating the TV with the player's remote control When the manufacturer code for your brand of TV is set on the player's remote control, the TV can be operated using the player's remote control. Caution • For some models it may not be possible to operate the TV with the player's remote control, even for TVs of brands listed on the manufacturer code list. □ The setting may be restored to the default after the batteries are replaced. Press the number buttons (0 to 9) to input the code while pressing TV CONTROL □. note • The factory setting is 00 (PIONEER). □ If you make a mistake when inputting the code, release TV CONTROL □ then start over from the beginning. □ When there are multiple codes for a manufacturer, try inputting them in the indicated order until the TV can be operated. 2 Check that the TV can be operated. Operate the TV using TV CONTROL. q – Press to turn the TV's power on and off.

Book 21 0000 0000000000000000000000 TV Preset code list Manufacturer Code(s) PIONEER 00, 31, 32, 07, 36, 42, 51, 22 ACURA 44 ADMIRAL 31 AIWA 60 AKAI 32, 35, 42 AKURA 41 ALBA 07, 39, 41, 44 AMSTRAD 42, 44, 47 ANITECH 44 ASA 45 ASUKA 41 AUDIOGONIC 07, 36 BASIC LINE 41, 44 BAUR 31, 07, 42 BEKO 38 BEON 07 BLAUPUNKT 31 BLUE SKY 41 BLUE STAR 18 BPL 18 BRANDT 36 BTC 41 BUSH 07, 41, 42, 44, 47, 56 CASCADE 44 CATHAY 07 CENTURION 07 CGB 42 CIMLINE 44 CLARIVOX 07 CLATRONIC 38 CONDOR 38 CONTEC 44 CROSLY 32 CROWN 38, 44 CRYSTAL 42 CYBERTRON 41 DAEWOO 07, 44, 56 DAINICHI 41 DANSAI 07 DAYTON 44 DECCA 07, 48 DIXI 07, 44 DUMONT 53 ELIN 07 ELITE 41 ELTA 44 EMERSON 42 ERRES 07 FERGUSON 07, 36, 51 FINLANDIA 35, 43, 54 FINLUX 32, 07, 45, 48, 53, 54 FIRSTLINE 40, 44 FISHER 32, 35, 38, 45 FORMENTI 32, 07, 42 FRONTECH 31, 42, 46 FRONTECH/PROTECH 32 FUJITSU 48 FUNAI 40, 46, 58 GBC 32, 42 GE 00, 01, 08, 07, 10, 11, 17, 02, 28, 18 GEC 07, 34, 48 GELOSO 32, 44 GENERAL 29 GENEXXA 31, 41 GOLDSTAR 10, 23, 21, 02, 07, 50 GOODMANS 07, 39, 47, 48, 56 GORENJE 38 GPM 41 GRAETZ 31, 42 GRANADA 07, 35, 42, 43, 48 GRADIENTE 30, 57 GRANDIN 18 GRUNDIG 31, 53 HANSEATIC 07, 42 HCM 18, 44 HINARI 07, 41, 44 HISAWA 18 HITACHI 31, 33, 34, 36, 42, 43, 54, 06, 10, 24, 25, 18 HUANYU 56 HYPSON 07, 18, 46 ICE 46, 47 IMPERIAL 38, 42 INDIANA 07 INGELLEN 31 INTERFUNK 31, 32, 07, 42 INTERVISION 46, 49 ISUKAI 41 ITC 42 ITT 31, 32, 42 JEC 05 JVC 13, 23 KAISUI 18, 41, 44 KAPSCH 31 KENDO 42 KENNEDY 32, 42 KORPEL 07 KOYODA 44 LEYCO 07, 40, 46, 48 LIESENK&TTER 07 LOEWE 07 LUXOR 32, 42, 43 M-ELECTRONIC 31, 44, 45, 54, 56, 07, 36, 51 MAGNADYNE 32, 49 MAGNAFON 49 MAGNAVOX 07, 10, 03, 12, 29 MANESTH 39, 46 MARANTZ 07 MARK 07 MATSUI 07, 39, 40, 42, 44, 47, 48 MCMICHAEL 34 MEDIATOR 07 MEMOREX 44 METZ 31 MINERVA 31, 53 MITSUBISHI 09, 10, 02, 21, 31 MULTITECH 44, 49 NEC 59 NECKERMANN 31, 07 NEI 07, 42 NIKKAI 05, 07, 41, 46, 48 NOBLIKO 49 NOKIA 32, 42, 52 NORDMENDE 32, 36, 51, 52 OCEANIC 31, 32, 42 ORION 32, 07, 39, 40 OSAKI 41, 46, 48 OSO 41 OSUME 48 OTTO VERSAND 31, 32, 07, 42 PALLADIUM 38 PANAMA 46 PANASONIC 31, 07, 08, 42, 22 PATHO CINEMA 42 PAUSA 44 PHILCO 32, 42 PHILIPS 31, 07, 34, 56, 68 PHOENIX 32 PHONOLA 07 PROFEX 42, 44 PROTECH 07, 42, 44, 46, 49 QUELLE 31, 32, 07, 42, 45, 53 R-LINE 07 RADIOLA 07 RADIOSHACK 10, 23, 21, 02 RBM 53 RCA 01, 10, 15, 16, 17, 18, 61, 62, 09 REDIFFUSION 32, 42 REX 31, 46 ROADSTAR 41, 44, 46 SABA 31, 36, 42, 51 SAISHO 39, 44, 46 SALORA 31, 32, 42, 43 SAMBERS 49 SAMSUNG 07, 38, 44, 46, 69, 70 SANYO 35, 45, 48,

21, 14, 91 SBR 07, 34 SCHAUB LORENZ 42 SCHNEIDER 07, 41, 47 SEG 42, 46 SEI 32, 40, 49 SELECO 31, 42 SHARP 02, 19, 27, 67, 90 SIAREM 32, 49
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42, 49 UNIDEN 92 UNIVERSUM 31, 07, 38, 42, 45, 46, 54 VESTEL 07 VICTOR 13 VOXSON 31 WALTHAM 43 WATSON 07 WATT RADIO 32, 42, 49
WHITE WESTINGHOUSE 07 YOKO 07, 42, 46 ZENITH 03, 20 03 *Using the TOOLS menu Various functions can be called out according to the player's
operating status.*



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