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**User manual PIONEER VSX-S500**  
**User guide PIONEER VSX-S500**  
**Operating instructions PIONEER VSX-S500**  
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***Pioneer***

**VSX-S500-K** | AUDIO/VIDEO MULTI-CHANNEL RECEIVER

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Operating Instructions



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**Manual abstract:**

*REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. WARNING To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment. D3-4-2-1-7a\_A1\_En VENTILATION CAUTION When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 10 cm at top, 5 cm at rear, and 5 cm at each side). WARNING D3-4-2-1-1\_A1\_En Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel.*

*IMPORTANT: THE MOULDED PLUG This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 10 amp fuse is fitted in this plug. Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 10 amps and that it is approved by ASTA or BSI to BS1362. Check for the ASTA mark or the BSI mark on the body of the fuse. Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating.*

*To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed. D3-4-2-1-7b\*\_A1\_En If the plug contains a removable fuse cover, you must ensure that it is refitted when the fuse is replaced. @@A replacement fuse cover can be obtained from your local dealer. @@@@If in any doubt, please consult a qualified electrician. IMPORTANT: The wires in this mains lead are coloured in accordance with the following code: Blue : Neutral Brown : Live As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows; The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.*

*The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED. How to replace the fuse: Open the fuse compartment with a screwdriver and replace the fuse. D3-4-2-1-2-2\*\_A2\_En Operating Environment Operating environment temperature and humidity: +5 °C to +35 °C (+41 °F to +95 °F); less than 85 %RH (cooling vents not blocked) Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light) D3-4-2-1-7c\*\_A1\_En 2 En Information for users on collection and disposal of old equipment and used batteries Symbol for equipment These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation. Symbol examples for batteries By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.*

*For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items. These symbols are only valid in the European Union. For countries outside the European Union: If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal. Pb K058a\_A1\_En WARNING This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture. D3-4-2-1-3\_A1\_En WARNING Before plugging in for the first time, read the following section carefully. The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit will be used meets the required voltage (e.g., 230 V or 120 V) written on the rear panel.*

*D3-4-2-1-4\*\_A1\_En If the AC plug of this unit does not match the AC outlet you want to use, the plug must be removed and appropriate one fitted. Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel. If connected to an AC outlet, the cut-off plug can cause severe electrical shock. Make sure it is properly disposed of after removal. The equipment should be disconnected by removing the mains plug from the wall socket when left unused for a long period of time (for example, when on vacation). D3-4-2-2-1a\_A1\_En CAUTION The STANDBY/ON switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation). D3-4-2-2-2a\*\_A1\_En This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period. K041\_A1\_En 3 En Contents Before you start . . . .*

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hen using connections other than the recommended connections.) Using the Audio Return Channel function (page 41) (When the connected TV supports the HDMI Audio Return Channel function.) 1 Connecting the speakers Where you place the speakers will have a big effect on the sound. · Determining the speakers' application (page 9) · Connecting the speakers (page 10) 5 Use the on-screen automatic MCACC setup to set up your system · Automatically setting up for surround sound (MCACC) (page 19) Installing the receiver · When installing this unit, make sure to put it on a level and stable surface. Don't install it on the following places: on a color TV (the screen may distort) near a cassette deck (or close to a device that gives off a magnetic field). This may interfere with the sound. &shn as described below. Press TUNER first to access: PTY Use to search for RDS program types (page 30). BAND Switches between AM, FM ST (stereo) and FM MONO radio bands (page 29). TUNE +/- Use to find radio frequencies. PRESET +/- Use to select preset radio stations. 8 ECO Press to select Ecology mode (page 32). 9 S.RTRV Press to restore CD quality sound to compressed audio sources (page 33). 10 Listening mode buttons AUTO/DIRECT Switches between Auto surround mode (page 31) and Stream Direct playback (page 32). Controls and displays Remote control STANDBY/ON 1 D AUX A AUX ECO S.RTRV 8 9 iPod USB NETWORK ADAPTER AUTO / DIRECT ALC / STANDARD ADV SURR TUNER BD DVD 2 CD STB GAME RECEIVER TV 10 PORTABLE SOUND WING 3 4 5 ENTER SLEEP DISP AUDIO SP-AB DIMMER STATUS TOP MENU MENU TOOLS VOL 6 iPod CTRL HOME MENU PTY RETURN BAND MUTE 11 12 7 PRESET TUNE RECEIVER 6 En Controls and displays ALC/STANDARD Press for standard decoding and to switch between the modes of 2 Pro Logic II, 2 Pro Logic IIx, 2 Pro Logic IIz and NEO:6, and the Auto level control stereo mode (page 31). ADV SURR Switches between the various surround modes (page 32). SOUND WING Press to select Sound wing mode (page 31). 11 VOL +/- Use to set the listening volume. 12 MUTE Mutes/unmutes the sound. 01 Operating range of remote control The remote control may not work properly if: · There are obstacles between the remote control and the receiver's remote sensor. · Direct sunlight or fluorescent light is shining onto the remote sensor. · The receiver is located near a device that is emitting infrared rays. · The receiver is operated simultaneously with another infrared remote control unit. Loading the batteries 30° 30° 7m The batteries included with the unit are to check initial operations; they may not last over a long period. We recommend using alkaline batteries that have a longer life. CAUTION · Incorrect use of batteries may result in such hazards as leakage and bursting. Observe the following precautions: - Never use new and old batteries together. - Insert the plus and minus sides of the batteries properly according to the marks in the battery case. - Batteries with the same shape may have different voltages. Do not use different batteries together. - When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area. - Do not use or store batteries in direct sunlight or other excessively hot place, such as inside a car or near a heater. This can cause batteries to leak, overheat, explode or catch fire. It can also reduce the life or performance of batteries. 7 En 01 Controls and displays Front panel AUDIO/ VIDEO MULTI- CHANNEL RECEIVER VSX-S500 INPUT SELECTOR MCACC 12 MASTER VOLUME 13 14 15 14 16 17 18 STANDBY /ON PHONES PORTABLE / MCACC SETUP MIC HDMI iPod iPhone DIRECT CONTROL iPod iPhone USB 5 V IA 1 2 3 4 5 6 7 8 9 10 11 96/24 Lights when a source with DTS 96/24 encoded audio signals is detected.



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14 Listening mode indicators **AT** Lights when the Auto Surround feature is switched on (page 31). **DIR** Lights when the **DIRECT** or **PURE DIRECT** mode is switched on (page 32). 15 Audio signal indicators **D** Lights when a digital audio input is selected.

Blinks when a digital audio input is selected and selected audio input is not provided. **HDMI** Lights when an HDMI input is selected. Blinks when an HDMI input is selected and selected HDMI signal is not provided. 16 iPod indicators Lights during repeat play. Lights during shuffle play.

17 Sleep timer ( ) indicator Lights when the receiver is in sleep mode (page 6). 18 Character display Displays various system information, the preset number of the tuner or the input signal type, etc. 1 **STANDBY/ON** 2 **PHONES** jack Use to connect headphones. When the headphones are connected, there is no sound output from the speakers. The listening mode when the sound is heard from the headphone can be selected only from **PHONES SURR**, **STEREO** or **STEREO ALC** mode (S).

R **AIR** mode can be also selected with **ADAPTER** input). 3 **PORTABLE/MCACC SETUP** MIC jack Use to connect an auxiliary component using a stereo minijack cable (page 18) or connect a microphone when performing Auto MCACC setup (page 19). 4 Remote sensor Receives the signals from the remote control (see Operating range of remote control on page 7). 5 Character display See Display below. 6 **MCACC** indicator Lights when Acoustic Calibration EQ (page 34) is on (Acoustic Calibration EQ is automatically set to on after the Auto MCACC setup (page 19)). 7 **HDMI** indicator Blinks when connecting an HDMI-equipped component; lights when the component is connected (page 14). 8 **INPUT SELECTOR** Selects an input source (page 21). 9 iPod iPhone **DIRECT CONTROL** Change the receiver's input to the iPod and enable iPod operations on the iPod (page 22). 10 iPod iPhone **USB** terminal Use to connect your Apple iPod or USB mass storage device as an audio source (page 17). 11 **MASTER VOLUME** dial Display 12 **Dolby Digital** indicators 2 **D** Lights when a Dolby Digital encoded signal is detected.

2 **TrueHD** Lights when a source with Dolby TrueHD encoded audio signals is detected. 2 **D+** Lights when a source with Dolby Digital Plus encoded audio signals is detected. **EX** Lights to indicate Dolby Digital EX decoding. **PLII(x/z)** Lights to indicate 2 Pro Logic II/2 Pro Logic IIx or 2 Pro Logic IIz decoding (see Listening in surround sound on page 31 for more on this). 13 **DTS** indicators **DTS** Lights when a source with DTS encoded audio signals is detected. **HD**

Lights when a source with DTS-EXPRESS or DTSHD encoded audio signals is detected. **ES** Lights to indicate DTS-ES decoding. 8 **En** Connecting your equipment Chapter 2: [B] 3.1 channel surround system & Speaker B connection · Speaker System setting: Speaker B R L 02 [D] 6.1 channel surround system (Surround Back) · Speaker System setting: SB Single Connecting your equipment Determining the speakers' application This unit permits you to build various surround systems, in accordance with the number of speakers you have.

· Be sure to connect speakers to the front left and right channels (L and R). Choose one from Plans [A] to [D] below. Important · The Speaker System setting must be made if you use any of the connections shown below other than [A] (see Speaker System on page 36). · The Pioneer S-SLW500 passive subwoofer can only be connected using plans [A] and [B]. When connecting speakers using Plans [C] or [D], be sure to use a model with a built-in amp and connect to the **PREOUT SUBWOOFER** terminal.

**SW C SR R L SL SB** Surround back speaker Main zone Speaker B With these connections you can simultaneously enjoy 3.1 channel surround sound in the main zone with stereo playback of the same sound on the B speakers. · When using the B speakers, main zone sound will only be output from the front speakers, the center speaker and the subwoofer. · Speaker B does not allow for subwoofer connection. Please use full-range speakers.

Adding a surround back (SB) speaker to Plan [A] improves the surround-sound effect from the rear. When connecting a subwoofer in this way, please make sure to use one with a built-in amp. Add surround back or front height speakers Adding surround back speakers (SBL/SBR) or front height speakers (FHL/FHR) to Plans [A] or [C] enables playback at up to 7.1 ch (plan [C] allows for up to 6.1 ch only). Front height speakers FHR R L SW C SR L C SL SBL SBR SL SR SW FHL R [A] 5.1 channel surround system \*Default setting · Speaker System setting: Normal R L [C] 4.1 channel surround system & Front Bi-amping connection (High quality surround) · Speaker System setting: Bi-Amp Front Bi-Amp R L SW C SR SL SW Surround back speakers SR SL Important · To connect the surround back or front height speakers, an additional amplifier is required. Connect the additional amplifier to the **PRE OUT SURR BACK/ FRONT HEIGHT** outputs of this unit and connect the surround back or front height speakers to the additional amplifier (see Connect the surround back or front height speakers on page 12). A 5.

1 ch surround system connects the left and right front speakers (L/R), the center speaker (C), the left and right surround speakers (SL/SR), and the subwoofer (SW). Bi-amping connection of the front speakers for high sound quality with 4.1-channel surround sound. · When using the Front Bi-amping connection, sound will only be output from the front speakers, the surround speakers and the subwoofer. 9 **En** 02 Connecting your equipment · Place the center speaker above or below the TV so that the sound of the center channel is localized at the TV screen. Also, make sure the center speaker does not cross the line formed by the leading edge of the front left and right speakers. · Surround and surround back speakers should be positioned 60 cm to 90 cm higher than your ears and tilted slight downward. Make sure the speakers don't face each other. For DVD-Audio, the speakers should be more directly behind the listener than for home theater playback. · Try not to place the surround speakers farther away from the listening position than the front and center speakers.

Doing so can weaken the surround sound effect. · Place the left and right front height speakers at least one meter directly above the left and right front speakers. · If you're going to place speakers around your CRT TV, use shielded speakers or place the speakers at a sufficient distance from your CRT TV. ·

The subwoofer can be placed on the floor. Ideally, the other speakers should be at about ear-level when you're listening to them.

Putting the speakers on the floor (except the subwoofer), or mounting them very high on a wall is not recommended. · When not connecting a subwoofer, connect speakers with low frequency reproduction capabilities to the front channel.



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(The subwoofer's low frequency component is played from the front speakers, so the speakers could be damaged.) · After connecting, be sure to conduct the Auto MCACC (speaker environment setting) procedure. See Automatically setting up for surround sound (MCACC) on page 19.

**CAUTION** · Make sure that all speakers are securely installed. This not only improves sound quality, but also reduces the risk of damage or injury resulting from speakers being knocked over or falling in the event of external shocks such as earthquakes. Some tips for improving sound quality Important · Speakers such as S-HV500-LR and S-HV600B may have specific installation methods. For more details, refer to the operating instructions supplied with speaker.

Where you put your speakers in the room has a big effect on the quality of the sound. The following guidelines should help you to get the best sound from your system. · It is best to angle the speakers towards the listening position. The angle depends on the size of the room. Use less of an angle for bigger rooms. ·

Refer to the chart below for placement of speakers you intend to connect.

**FHL L SW C FHR R** Connecting the speakers The receiver will work with just two stereo speakers (the front speakers in the diagram) but using at least three speakers is recommended, and a complete setup is best for surround sound. Make sure you connect the speaker on the right to the right (R) terminal and the speaker on the left to the left (L) terminal. Also make sure the positive and negative (+/-) terminals on the receiver match those on the speakers. You can use speakers with a normal impedance between 4 and 16 Ω. Be sure to complete all connections before connecting this unit to the AC power source. **CAUTION** ·

These speaker terminals carry **HAZARDOUS LIVE** voltage. To prevent the risk of electric shock when connecting or disconnecting the speaker cables, disconnect the power cord before touching any uninsulated parts. · Make sure that all the bare speaker wire is twisted together and inserted fully into the speaker terminal. If any of the bare speaker wire touches the back panel it may cause the power to cut off as a safety measure. · Do not allow the speaker cable core to come into contact with the receiver body.

**30 30 120 SL 120 60 SR SBL SB SBR** - Place the surround speakers at 120° from the center. If you, (1) use the surround back speaker, and, (2) don't use the front height speakers, we recommend placing the surround speaker right beside you. - If you intend to connect only one surround back speakers, place it directly behind you. - If the surround speakers cannot be set directly to the side of the listening position with a 7.1-channel system, the surround effect can be enhanced by turning off the Up Mix function (see Setting the Up Mix function on page 33).

· For the best stereo effect, place the front speakers 2 m to 3 m apart, at equal distance from the TV. · If you're using a center speaker, place the front speakers at a wider angle. If not, place them at a narrower angle. - If the speaker cable core comes into contact with any metal portion of the receiver's body, it may damage the speakers and cause smoke and fire. Insert speaker cables securely into the terminals and check that the cable does not come out of easily.

**10 En** Connecting your equipment Standard surround connection (Plan [A], [B] or [D]) Front right Center Front left Plan [A] or [B]: Passive subwoofer (S-SLW500) Plan [D]: Surround back speaker (single) High 02 Front Bi-Amp connection (Plan [C]) Bi-amp compatible speaker High Front right Low Low Front left **AME IN OUT COAXIAL OPTICAL CD IN TV IN DIGITAL AUX IN A R FRONT L CENTER SUBWOOFER/ SURR BACK R SURROUND / L B AME IN OUT COAXIAL OPTICAL CD IN TV IN DIGITAL AUX IN A R FRONT L CENTER SUBWOOFER/ SURR BACK R SURROUND / L B (ANALOG ANALOG SURR BACK/ E AUX) AUX FRONT HEIGHT L (Single) AUDIO (ANALOG ANALOG SURR BACK/ E AUX) AUX FRONT HEIGHT L (Single) AUDIO MONITOR OUT IN R SUBWOOFER PRE OUT R Bi-Amp L SPEAKERS LINE LEVEL INPUT MONITOR OUT IN R SUBWOOFER PRE OUT R Bi-Amp L SPEAKERS** Plan [A] or [D]: Surround speakers Plan [B]: B-Speakers Powered Subwoofer Surround back or front height channel amplifier Powered Subwoofer Surround right Surround left Bare wire connections Left Right 1 Twist exposed wire strands together. 2 Loosen terminal and insert exposed wire. 3 Tighten terminal. 1 2 3 Right Left Surround back or front height speakers (Plan [A] or [D] only) R ANALOG L 10 mm Important · **SPEAKERS SUBWOOFER** terminals are Pioneer's passive subwoofer S-SLW500 connection terminals. If using another model of subwoofer, be sure to use a model with built-in amp and connect to the **PREOUT SUBWOOFER** terminal. · Please connect either passive or powered subwoofers, as connecting both makes it impossible to achieve the correct sound effect. **AUDIO IN SPEAKER R SPEAKER L** Surround back or front height channel amplifier 11 En 02 Connecting your equipment Connect the surround back or front height speakers Connect the **PRE OUT SURR BACK/FRONT HEIGHT** outputs of the unit and additional amplifier to add a surround back or front height speaker. · The Pre Out setting must be set if the above connections are performed. Select **Surr.Back** if the surround back speaker is connected and **Height** if the front height speaker is connected (If neither the surround back speaker nor the front height speaker is connected, either setting will suffice) (see The Pre Out Setting on page 39).

· You can use the additional amplifier on the surround back channel pre-outs for a single speaker as well. In this case plug the amplifier into the left (L (Single)) terminal only. Making cable connections Make sure not to bend the cables over the top of this unit (as shown in the illustration). If this happens, the magnetic field produced by the transformers in this unit may cause a humming noise from the speakers. Important · Before making or changing connections, switch off the power and disconnect the power cord from the AC outlet. · Before unplugging the power cord, switch the power into standby. About HDMI The

HDMI connection transfers uncompressed digital video, as well as almost every kind of digital audio that the connected component is compatible with, including DVDVideo, DVD-Audio, SACD, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio (see below for limitations), Video CD/ Super VCD and CD. This receiver incorporates High-Definition Multimedia Interface (HDMI®) technology. This receiver supports the functions described below through HDMI connections. · Digital transfer of uncompressed video (contents protected by HDCP (1080p/24, 1080p/60, etc.



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) · 3D signal transfer · Deep Color signal transfer · x.v.Color signal transfer · Audio Return Channel · Input of multi-channel linear PCM digital audio signals (192 kHz or less) for up to 8 channels · Input of the following digital audio formats: Dolby Digital, Dolby Digital Plus, DTS, High bitrate audio (Dolby TrueHD, DTS-HD Master Audio), DVDAudio, CD, SACD (DSD 2 ch only), Video CD, Super VCD · Synchronized operation with components using the Control with HDMI function (see Control with HDMI function on page 41) Note · Use a High Speed HDMI® cable. If HDMI cable other than a High Speed HDMI® cable is used, it may not work properly. · When an HDMI cable with a built-in equalizer is connected, it may not operate properly. · 3D, Deep Color, x.v.Color signal transfer and Audio Return Channel are only possible when connected to a compatible component. · HDMI format digital audio transmissions require a longer time to be recognized. Due to this, interruption in the audio may occur when switching between audio formats or beginning playback.

HDMI cables Both video and sound signals can be transmitted simultaneously with one cable. If connecting the player and the TV via this receiver, for both connections, use HDMI cables. Switching the speaker terminal Three speaker system settings are possible. Use SP-AB button to select a speaker terminal setting. Press repeatedly to choose a speaker terminal option: · SP:A ON Sound is output from the speakers connected to the A-speaker terminals and PRE OUT SURR BACK/ FRONT HEIGHT (multichannel playback is possible). · SP:B ON Sound is output from the two speakers connected to the B-speaker terminals (only stereo playback is possible). · SP:A+B ON Sound is output from the A-speaker terminals, the two speakers in the B-speaker terminals, and the subwoofer. Multichannel sources are downmixed only when the STEREO or STEREO ALC mode is selected for stereo output from A- and B-speaker terminals. · SP: OFF No sound is output from the speakers. Note · SP:B ON and SP:A+B ON can only be selected when the Speaker System is set to Speaker B (see Speaker System on page 36).

· The subwoofer output depends on the settings you made in Speaker Setting on page 37. However, if SP:B ON is selected above, no sound is heard from the subwoofer (the LFE channel is not downmixed). · All speaker terminals are switched off when headphones are connected. HDM I Be careful to connect the terminal in the proper direction. Note · Set the HDMI parameter in Setting the Audio options on page 33 to THROUGH, if you want to hear HDMI audio output from your TV (no sound will be heard from this receiver). · If the video signal does not appear on your TV, try adjusting the resolution settings on your component or display. Note that some components (such as video game units) have resolutions that may not be displayed. In this case, use a (analog) composite connection. · When the video signal from the HDMI is 480i, 480p, 576i or 576p, Multi Ch PCM sound and HD sound cannot be received. 12 En Connecting your equipment · Turning on/off the device connected to this unit's HDMI OUT terminal during playback, or disconnecting/ connecting the HDMI cable during playback, may cause noise or interrupted audio.

HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. "x.v.Color" and Corporation. are trademarks of Sony 02 Digital audio cables Commercially available coaxial digital audio cables or optical cables should be used to connect digital components to this receiver.

Coaxial digital audio cable COA XIA L OPT IN About the video converter The video converter ensures that all video sources are output from HDMI OUT terminal. The only exception is HDMI: since this resolution cannot be downsampled, you must connect your monitor/TV to the receiver's HDMI video outputs when connecting this video source. Note · If several video components are assigned to the same input function, the converter gives priority to HDMI, then composite (in that order). · If the video signal does not appear on your TV, try adjusting the resolution settings on your component or display. Note that some components (such as video game units) have resolutions that may not be converted.

In this case, try switching Video Converter OFF (see Video Converter on page 39). · The signal input resolutions that can be converted from the component video input for the HDMI output are 480i/ 576i, 480p/576p, 720p and 1080i. 1080p signal cannot be converted. This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited. IN ICA L Analog audio cables Use stereo RCA phono cables to connect analog audio components. These cables are typically red and white, and you should connect the red plugs to R (right) terminals and white plugs to L (left) terminals. White (Left) AUD IO L Optical cable R Note · When connecting optical cables, be careful when inserting the plug not to damage the shutter protecting the optical socket.

· When storing optical cable, coil loosely. The cable may be damaged if bent around sharp corners. · You can also use a standard RCA video cable for coaxial digital connections. Red (Right) Standard RCA video cables These cables are the most common type of video connection and are used to connect to the composite video terminals. The yellow plugs distinguish them from cables for audio. VID EO Yellow 13 En 02 Connecting your equipment Connecting a TV and playback components Connecting using HDMI If you have an HDMI or DVI (with HDCP) equipped component (Blu-ray Disc player, etc.), you can connect it to this receiver using a commercially available HDMI cable. If the TV and playback components support the Control with HDMI feature, the convenient Control with HDMI functions can be used (see Control with HDMI function on page 41). · The following connection/setting is required to listen to the sound of the TV over this receiver. - If the TV does not support the HDMI Audio Return Channel function, connect the receiver and TV with audio cables (as shown).

- If the TV supports the HDMI Audio Return Channel function, the sound of the TV is input to the receiver via the HDMI terminal, so there is no need to connect an audio cable. In this case, set ARC at HDMI Setup to ON (see HDMI Setup on page 41). HDMI/DVI-compatible TV HDMI IN DIGITAL AUDIO OUT OPTICAL If the TV does not support the HDMI Audio Return Channel function, this connection is required to listen to the TV sound over the receiver. LAN (10/100) STB IN DVD/DVR IN BD/BDR IN GAME IN OUT COAXIAL OPTICAL HDMI DC OUTPUT for WIRELESS LAN (OUTPUT 5 V 0.



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6 A MAX) CD IN TV IN DIGITAL AUX IN VIDEO IN (ANALOG ANALOG SURR BACK/ ASSIGNABLE AUX) AUX FRONT HEIGHT L (Single) AUDIO FM UNBAL 75 AM LOOP (OUTPUT 5 V 0.

1 A MAX) MONITOR OUT IN ANTENNA ADAPTER PORT R SUBWOOFER PRE OUT HDMI OUT HDMI OUT Set-top box DVD player, HDD/DVD recorder Blu-ray Disc player, Blu-ray Disc recorder Game console HDMI/DVI-compatible components 14 En Connecting your equipment 02 Connecting your DVD player with no HDMI output This diagram shows connections of a TV (with HDMI input) and DVD player (or other playback component with no HDMI output) to the receiver. · The following connection/setting is required to listen to the sound of the TV over this receiver. · If the TV does not support the HDMI Audio Return Channel function, connect the receiver and TV with audio cables (as shown). · If the TV supports the HDMI Audio Return Channel function, the sound of the TV is input to the receiver via the HDMI terminal, so there is no need to connect an audio cable. In this case, set ARC at HDMI Setup to ON (see HDMI Setup on page 43).

Note · When using a digital cable for DVD player audio input, change the Composite Input setting to CD (Coaxial) or DIGITAL AUX (Optical) via the Input Assign menu (see The Input Assign menu on page 39). HDMI/DVI-compatible TV Connecting your TV with no HDMI input This diagram shows connections of a TV (with no HDMI input) and DVD player (or other playback component) to the receiver. Note · When using a digital cable for DVD player audio input, change the Composite Input setting to CD (Coaxial) or DIGITAL AUX (Optical) via the Input Assign menu (see The Input Assign menu on page 39). This connection is required in order to listen to the sound of the TV over the receiver. HDMI IN DIGITAL AUDIO OUT OPTICAL If the TV does not support the HDMI Audio Return Channel function, this connection is required to listen to the TV sound over the receiver. DIGITAL AUDIO OUT OPTICAL VIDEO IN DVR IN BD/BDR IN GAME IN OUT COAXIAL OPTICAL TV STB IN DVD/DVR IN BD/BDR IN GAME IN OUT HDMI VIDEO IN ASSIGNABLE CD IN (ANALOG ANALOG SURR BACK/ TV IN DIGITAL AUX IN AUX) AUX FRONT HEIGHT L (Single) AUDIO COAXIAL OPTICAL HDMI CD IN TV IN DIGITAL AUX IN PUT 5 V A MAX) PTER PORT MONITOR OUT IN R SUBWOOFER PRE OUT VIDEO IN (ANALOG ANALOG SURR BACK/ ASSIGNABLE AUX) AUX FRONT HEIGHT L (Single) AUDIO (OUTPUT 5 V 0.1 A MAX) MONITOR OUT IN ADAPTER PORT R SUBWOOFER PRE OUT VIDEO OUT DVD player ANALOG AUDIO OUT R L COAXIAL OPTICAL DIGITAL AUDIO OUT VIDEO OUT Select one ANALOG AUDIO OUT R L COAXIAL OPTICAL DIGITAL AUDIO OUT DVD player Select one 15 En 02 Connecting your equipment Connecting optional Bluetooth® ADAPTER When the Bluetooth ADAPTER (Pioneer Model No. AS-BT100 or AS-BT200) is connected to this unit, a product equipped with Bluetooth wireless technology (portable cell phone, digital music player, etc.) can be used to listen to music wirelessly. Connect a Bluetooth ADAPTER to the ADAPTER PORT terminal on the rear panel.

· For instructions on playing the Bluetooth wireless technology device, see Pairing the Bluetooth ADAPTER and Bluetooth wireless technology device on page 28. Important · Do not move the receiver with the Bluetooth ADAPTER connected. Doing so could cause damage or faulty contact. Connecting to the network through LAN interface By connecting this receiver to the network via the LAN terminal, you can listen to Internet radio stations. To listen to Internet radio stations, you must sign a contract with an ISP (Internet Service Provider) beforehand. When connected in this way, you can play audio files stored on the components on the network, including your computer, using NETWORK inputs. LAN (10/100) STB IN Note · Refer to the operation manual of the equipment you have as the connected equipment and connection method may differ depending on your Internet environment. · When using a broadband Internet connection, a contract with an Internet service provider is required. For more details, contact your nearest Internet service provider. Connecting to a wireless LAN Wireless connection to the network is possible through a wireless LAN connection.

Use the separately sold AS-WL300 for connection. For details, refer to the operating instructions of the wireless LAN converter. LAN (10/100) STB IN DC OUTPUT for WIRELESS LAN (OUTPUT 5 V 0.6 A MAX) Internet FM UNBAL 75 LAN (10/100) STB IN DVD/DVR IN BD/BDR IN GAME IN AM LOOP ANTENNA Modem FM UNBAL DC OUTPUT for WIRELESS LAN (OUTPUT 5 V 0.6 A MAX) Internet HDMI DC OUTPUT for WIRELESS LAN (OUTPUT 5 V 0.

6 A MAX) VIDEO IN (ANALOG A ASSIGNABLE AUX) RT 75 AM LOOP FM UNBAL 75 AM LOOP ANTENNA (OUTPUT 5 V Modem 0.1 A MAX) MONITOR OUT ANTENNA ADAPTER PORT Router LAN 3 2 1 WAN Bluetooth® ADAPTER to LAN port LAN cable (sold separately) WAN Router Connect the LAN terminal on this receiver to the LAN terminal on your router (with or without the built-in DHCP server function) with a straight LAN cable (CAT 5 or higher). Turn on the DHCP server function of your router. In case your router does not have the built-in DHCP server function, it is necessary to set up the network manually. For details, see Network setup menu on page 25.

DC 5V Ethernet WPS Wireless LAN converter (AS-WL300) 16 En Connecting your equipment 02 Connecting antennas Connect the AM loop antenna and the FM wire antenna as shown below. To improve reception and sound quality, connect external antennas (see Using external antennas below). fig. a fig. b Using external antennas To improve FM reception Use a PAL connector (not supplied) to connect an external FM antenna. Connecting an iPod This receiver has a dedicated iPod terminal that will allow you to control playback of audio content from your iPod using the controls of this receiver. Switch the receiver into standby, and then use the USB cable (for iPod connection) to connect your iPod to the iPod iPhone USB terminal on the front panel of this receiver. · For the cable connection, refer to also the operating instructions for iPod. · For instructions on playing the iPod, see Playing an iPod on page 22. AUDIO/ VIDEO MULTI- CHANNEL RECEIVER One-touch PAL connector VSX-S500 2 4 FM UNBAL 75 AM LOOP FM UNBAL 75 MCACC INPUT SELECTOR ANTENNA 75 coaxial cable HDMI iPod iPhone DIRECT CONTROL MASTER VOLUME To improve AM reception ANTENNA iPod iPhone 1A USB 5 V 3 1 Connect a 5 m to 6 m length of vinyl-coated wire to the AM antenna terminal without disconnecting the supplied AM loop antenna.

For the best possible reception, suspend horizontally outdoors.



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This receiver 1 Push open the tabs, then insert one wire fully into each terminal, then release the tabs to secure the AM antenna wires. Outdoor antenna Music USB cable (for iPod connection) Genius Playlists Artists Albums Songs Radio Genres Composers Audiobooks > 2 Fix the AM loop antenna to the attached stand. To fix the stand to the antenna, bend in the direction indicated by the arrow (fig. a) then clip the loop onto the stand (fig. b). AM LOOP MENU ANTENNA 3 Place the AM antenna on a flat surface and in a direction giving the best reception. 4 Connect the FM wire antenna into the FM antenna socket.

For best results, extend the FM antenna fully and fix to a wall or door frame. Don't drape loosely or leave coiled up.

iPod Indoor antenna (vinyl-coated wire) 5 m to 6 m 17 En 02 Connecting your equipment Connecting a USB device It is possible to listen to two-channel audio using the USB interface on the front of this receiver. Switch the receiver into standby then connect your USB device to the USB terminal on the front panel of this receiver. This receiver does not support a USB hub. For instructions on playing the USB device, see Playing a USB device on page 23.

AUDIO/ VIDEO MULTI- CHANNEL RECEIVER Connecting to the front panel audio mini jack Front audio connections are accessed via the front panel using the PORTABLE button on the remote control.

Use a stereo mini-jack cable to connect a digital audio player, etc. Plugging in the receiver Only plug in after you have connected all your components to this receiver, including the speakers. CAUTION Handle the power cord by the plug part. Do not pull out the plug by tugging the cord, and never touch the power cord when your hands are wet, as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, or other object on the power cord or pinch the cord in any other way.

Never make a knot in the cord or tie it with other cables. The power cords should be routed so that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electric shock. Check the power cord once in a while. If you find it damaged, ask your nearest Pioneer authorized independent service company for a replacement. Do not use any power cord other than the one supplied with this unit. Do not use the supplied power cord for any purpose other than that described below. The receiver should be disconnected by removing the mains plug from the wall socket when not in regular use, e.g., when on vacation.

Note After this receiver is connected to an AC outlet, a 2 second to 10 second HDMI initialization process begins. You cannot carry out any operations during this process. The HDMI indicator in the front panel display blinks during this process, and you can turn on this receiver once it has stopped blinking. When you set the Control with HDMI to OFF, you can skip this process. For details about the Control with HDMI feature, see Control with HDMI function on page 41. STANDBY/ ON PHONES PORTABLE / MCACC SETUP MIC VSX-S500 INPUT SELECTOR MCACC HDMI iPod iPhone DIRECT CONTROL MASTER VOLUME This receiver iPod iPhone 1A USB 5 V This receiver USB mass storage device AUDIO OUT Digital audio player, etc. 1 Plug the supplied power cord into the AC IN socket on the back of the receiver. 2 Plug the other end into a power outlet. 18 En Basic Setup Chapter 3: 03 Basic Setup Canceling the Auto Power Down When this receiver is not used over a period of several hours, it will power down automatically. The automatic power-off timer is set to six hours under factory settings, and the timing can be changed or the power-off function switched off altogether.

For details, see The Auto Power Down menu on page 40. CAUTION The test tones used in the Auto MCACC setup are output at high volume. Important

When connecting a Pioneer passive subwoofer SSLW500 or HVT speaker (S-HV500-LR, etc.), set the X.OVER of this receiver to 200Hz (see X.OVER on page 37). The Auto MCACC setup will overwrite any existing speaker settings you've made. If you connected either the surround back speaker or the front height speaker, make sure that the Pre Out setting is correctly set before performing the Auto MCACC setup (see page 39). (Here is an explanation using the OSD screen for a surround back speaker connection.) SLEEP STANDBY/ON ECO D AUX A AUX S.

RTRV TOP MENU MENU TOOLS VOL AUDIO DISP SP-AB DIMMER STATUS STANDBY / ON PHONES PORTABLE / MCACC SETUP MIC Microphone Canceling the demo display The display on the front panel shows various information (demo displays) when the receiver is not operating. You can turn off the demo display. For details, see The FL Demo Mode menu on page 40. The demo mode is canceled automatically when the Auto MCACC setup is performed (see below). Tripod iPod USB NETWORK ADAPTER AUTO / DIRECT ENTER If you have a tripod, use it to place the microphone so that it's about ear level at your normal listening position. Otherwise, place the microphone at ear level using a table or a chair. Automatically setting up for surround sound

(MCACC) The Auto Multi-Channel Acoustic Calibration (MCACC) setup measures the acoustic characteristics of your listening area, taking into account ambient noise, speaker size and distance, and tests for both channel delay and channel level. After you have set up the microphone provided with your system, the receiver uses the information from a series of test tones to optimize the speaker settings and equalization for your particular room. TUNER BD DVD ALC

/ STANDARD iPod CTRL ADV SURR CD STB GAME HOME MENU PTY RETURN BAND MUTE RECEIVER TV PORTABLE SOUND WING PRESET TUNE 1 Switch on the receiver and your TV. 2 Switch the TV input so that it connects to the receiver.

3 Connect the microphone to the MCACC SETUP MIC jack on the front panel. Make sure there are no obstacles between the speakers and the microphone. 4 Press RECEIVER on the remote control, then press the HOME MENU button. The Home Menu appears on your TV. @@ Press RETURN to exit the current menu. Press HOME MENU at any time to exit the Home Menu. If you cancel the Auto MCACC setup at any time, the receiver automatically exits and no settings will be made. The screensaver automatically starts after three minutes of inactivity. 19 En 03 Basic Setup 5 Select 'Auto MCACC' from the Home Menu, then press ENTER. Home Menu 1.

Auto MCACC 2.Manual SP Setup 3.Pre Out Setting 4.Input Assign 5.Video Parameter 6.

HDMI Setup 7.Auto Power Down 8.FL Demo Mode 8 Confirm the speaker configuration. The configuration shown on-screen should reflect the actual speakers you have. 1.

Auto MCACC Check! Front Center Surr Surr. Back Subwoofer [ YES ] [ YES ] [ YES ] [YESx2] [ YES ] OK Return 10 The Auto MCACC setup has finished! You return to the Home Menu.



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The settings made in the Auto MCACC setup should give you excellent surround sound from your system, but it is also possible to adjust these settings manually using the Manual Speaker Setup (starting on page 36). Note · Depending on the characteristics of your room, sometimes identical speakers with cone sizes of around 12 cm will end up with different size settings. You can correct the setting manually using the Speaker Setting on page 37. · The subwoofer distance setting may be farther than the actual distance from the listening position. If this is the case, perform settings manually (see Speaker Distance on page 38). 10:Next · "Mic In!" blinks when the microphone is not connected to MCACC SETUP MIC jack. Try to be as quiet as possible after pressing ENTER.

The system outputs a series of test tones to establish the ambient noise level.

6 Follow the instructions on-screen. · Make sure the microphone is connected. · When using a powered subwoofer, make sure the subwoofer is on and the volume is turned up. · When using surround back or front height speakers, turn on the power to the amplifier to which the surround back or front height speakers are connected, and adjust the sound level to the desired level. · See below for notes regarding background noise and other possible interference. · With error messages (such as Too much ambient noise) select RETRY after checking for ambient noise (see Other problems when using the Auto MCACC setup below). If the speaker configuration displayed isn't correct, use / to select the speaker and / to change the setting. When you're finished, go to the next step. If you see an error message (ERR) in the right side column, there may be a problem with the speaker connection. If selecting RETRY doesn't fix the problem, turn off the power and check the speaker connections.

Other problems when using the Auto MCACC setup If the room environment is not optimal for the Auto MCACC setup (too much background noise, echo off the walls, obstacles blocking the speakers from the microphone) the final settings may be incorrect. Check for household appliances (air conditioner, fridge, fan, etc.), that may be affecting the environment and switch them off if necessary. If there are any instructions showing in the front panel display, please follow them. · Some older TVs may interfere with the operation of the microphone.

If this seems to be happening, switch off the TV when doing the Auto MCACC setup. 9 Make sure 'OK' is selected, then press ENTER. If the screen in step 7 is left untouched for 10 seconds and ENTER is not pressed in step 8, the Auto MCACC setup will start automatically as shown. 1.Auto MCACC Now Analyzing Surround Analyzing Speaker System Speaker Distance Channel Level Acoustic Cal EQ Return 7 Wait for the test tones to finish.

A progress report is displayed on-screen while the receiver outputs test tones to determine the speakers present in your setup. Try to be as quiet as possible while it's doing this. 1.Auto MCACC Now Analyzing Environment Check Ambient Noise Speaker YES/NO Return · For correct speaker settings, do not adjust the volume during the test tones. A progress report is displayed on-screen while the receiver outputs more test tones to determine the optimum receiver settings for channel level, speaker distance, and Acoustic Calibration EQ. Again, try to be as quiet as possible while this is happening. It may take 1 to 3 minutes. 20 En Basic playback Chapter 4: 4 Press AUTO/DIRECT to select 'AUTO SURR' and start playback of the source. If you're playing a Dolby Digital or DTS surround sound DVD disc, with a digital audio connection, you should hear surround sound. If you're playing a stereo source or if the connection is an analog audio connection, you will only hear sound from the front left/right speakers in the default listening mode.

It is possible to check on the front panel display whether or not surround sound playback is being performed properly. If the display does not correspond to the input signal and listening mode, check the connections and settings. Note · You may need to check the digital audio output settings on your DVD player or digital satellite receiver. It should be set to output Dolby Digital, DTS and 88.2 kHz/96 kHz PCM (2 channel) audio, and if there is an MPEG audio option, set this to convert the MPEG audio to PCM. · Depending on your DVD player or source discs, you may only get digital 2 channel stereo and analog sound. In this case, the receiver must be set to a multichannel listening mode if you want multichannel surround sound. · You may get digital noise when a LD or CD player compatible with DTS is playing an analog signal. To prevent noise, make the proper digital connections (page 13). · Some DVD players don't output DTS signals.

For more details, refer to the instruction manual supplied with your DVD player. 04 Basic playback Playing a source Here are the basic instructions for playing a source (such as a DVD disc) with your home theater system. SLEEP ECO D AUX A AUX S.RTRV TOP MENU MENU TOOLS VOL AUDIO DISP SP-AB DIMMER STATUS STANDBY/ON iPod USB NETWORK ADAPTER AUTO / DIRECT ALC / STANDARD ADV SURR iPod CTRL HOME MENU PTY RECEIVER TV PORTABLE SOUND WING PRESET TUNE RETURN BAND MUTE ENTER TUNER BD DVD CD STB GAME 1 Switch on your system components and receiver. Start by switching on the playback component (for example a DVD player), your TV and subwoofer (if you have one), then the receiver (press RECEIVER).

· Make sure the setup microphone is disconnected. 5 Use VOL +/- to adjust the volume level. Turn down the volume of your TV so that all sound is coming from the speakers connected to this receiver. · If channel levels are calibrated using Auto MCACC setup, "0 dB" represents a level roughly equivalent to the volume of a movie theater (i.e.

, it is loud; please be considerate of small children and neighbors when adjusting the volume.) Note · When digital input (optical or coaxial) is selected, this receiver can only play back Dolby Digital, PCM (32 kHz to 96 kHz) and DTS (including DTS 96 kHz/24 bit) digital signal formats. The compatible signals via the HDMI terminals are: Dolby Digital, DTS, SACD (DSD 2 ch only), PCM (32 kHz to 192 kHz sampling frequencies), Dolby TrueHD, Dolby Digital Plus, DTS-EXPRESS, DTS-HD Master Audio and DVD Audio (including 192 kHz). With other digital signal formats, chose analog input. 2 Switch the TV input to the input that connects this receiver. For example, if you connected this receiver to the VIDEO jacks on your TV, make sure that the VIDEO input is now selected. 3 Press input function buttons to select the input function you want to play. · The input of the receiver will switch over, and you will be able to operate other components using the remote control.



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To operate the receiver, first press RECEIVER on the remote control, then press the appropriate button to operate. · The input source can also be selected by using the front panel INPUT SELECTOR button.

In this case, the remote control won't switch operational modes. 21 En 04 Basic playback When the display shows Top Menu you're ready to play music from the iPod. · If after pressing iPod USB the display shows iPod Disconnected, try switching off the receiver and reconnecting the iPod to the receiver. · The controls of your iPod will be inoperable when connected to this receiver. Playing an iPod This receiver has a dedicated iPod terminal that will allow you to control playback of audio content from your iPod using the controls of this receiver. Important · Pioneer cannot under any circumstances accept responsibility for any direct or indirect loss arising from any inconvenience or loss of recorded material resulting from the iPod failure. · If you connect your iPod to the receiver and it doesn't work properly, switch off the receiver and reconnect the iPod to it. If this doesn't seem to work, try resetting your iPod. Note · This receiver is compatible with the audio and the video of the iPod nano, iPod (fifth generation), iPod classic, iPod touch and iPhone (only supports iPod (fifth generation) and iPod nano (first and second generation) audio playback) (iPod shuffle not supported). However, that some of the functions may be restricted for some models.

· This receiver has been developed and tested for the software version of iPod/iPhone indicated on the website of Pioneer (<http://pioneer.jp/homeav/support/ios/eu/>). · Installing software versions other than indicated on the website of Pioneer to your iPod/iPhone may result in incompatibility with this receiver. · iPod and iPhone are licensed for reproduction of noncopyrighted materials or materials the user is legally permitted to reproduce. · Features such as the equalizer cannot be controlled using this receiver, and we recommend switching the equalizer off before connecting.

Basic playback controls This receiver's remote control buttons can be used for basic playback of files stored on an iPod. · Press iPod USB to switch the remote control to the iPod/ USB operation mode. SLEEP AUDIO DISP SP-AB DIMMER STATUS Playing back files stored on an iPod To navigate songs on your iPod, you can take advantage of the OSD of your TV connected to this receiver. You can also control all operations for music in the front panel display of this receiver. · Note that non-roman characters in the title are displayed as \*!

· This feature is not available for photos or video clips on your iPod. TOP MENU MENU TOOLS VOL ENTER iPod CTRL HOME MENU PTY RETURN BAND MUTE PRESET TUNE Finding what you want to play When your iPod is connected to this receiver, you can browse songs stored on your iPod by playlist, artist, album name, song name, genre or composer, similar to using your iPod directly. Switches between the iPod controls and the receiver controls This allows you to switch between performing iPod operations via the receiver remote control or on the iPod itself. Press iPod CTRL to switch to the iPod controls. · Press iPod CTRL again to switch back to the receiver controls when you're done. Tip · Change the receiver's input to the iPod in one action by pressing iPod iPhone DIRECT CONTROL on the front panel to enable iPod operations on the iPod. 1 Use / to select a category, then press ENTER to browse that category. · To return to the previous level any time, press RETURN. 2 Use / to browse the selected category (e.g.

, albums). · Use / to move to previous/next levels. 3 Continue browsing until you arrive at what you want to play, then press to start playback. Tip · If you're in the song category, you can also press ENTER to start playback. 1 Switch on the receiver and your TV. See Connecting an iPod on page 17. 2 Switch the TV input so that it connects to the receiver. 3 Press iPod USB on the remote control to switch the receiver to the iPod USB input. The front panel display shows Please Wait while the receiver verifies the connection and retrieves data from the iPod. 22 En Basic playback 04 Playing a USB device It is possible to listen to two-channel audio using the USB interface on the front of this receiver.

Important · Pioneer cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this receiver. Note · This includes playback of WMA/MP3/MPEG-4 AAC files (except files with copy-protection or restricted playback). · Compatible USB devices include external magnetic hard drives, portable flash memory (particularly keydrives) and digital audio players (MP3 players) of format FAT16/32. It is not possible to connect this receiver to a personal computer for USB playback. · With large amounts of data, it may take longer for the receiver to read the contents of a USB device.

· If the file selected cannot be played back, this receiver automatically skips to the next file playable. · When the file currently being played back has no title assigned to it, the file name is displayed in the OSD instead; when neither the album name nor the artist name is present, the row is displayed as a blank space. · Note that non-roman characters in the playlist are displayed as \*!. · Make sure the receiver is in standby when disconnecting the USB device. Basic playback controls This receiver's remote control buttons can be used for basic playback of files stored on USB devices.

· Press iPod USB to switch the remote control to the iPod/ USB operation mode. SLEEP AUDIO DISP SP-AB DIMMER STATUS Playback with NETWORK feature This receiver is equipped with the LAN terminal and you can enjoy the following features by connecting your components to these terminals. · Listening to Internet radio stations You can select and listen to your favorite Internet radio station from the list of Internet radio stations created, edited, and managed by the SHOUTcast database service. See Listening to Internet radio stations below. · Playback the music files stored in PCs You can playback a lot of musics stored in your PCs using this unit. · Besides a PC, you can also play back audio files stored on your other components with the built-in media server function based on DLNA 1.0 or DLNA 1.5 framework and protocols (i.e. network-capable hard disks and audio systems).

See Playing back audio files stored on components on the network on page 24. Important · To listen to Internet radio stations, you must sign a contract with an ISP (Internet Service Provider) beforehand. · Photo or video files cannot be played back.



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