



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for PIONEER SC-2022-K. You'll find the answers to all your questions on the PIONEER SC-2022-K in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PIONEER SC-2022-K  
User guide PIONEER SC-2022-K  
Operating instructions PIONEER SC-2022-K  
Instructions for use PIONEER SC-2022-K  
Instruction manual PIONEER SC-2022-K

**Pioneer**

Operating Instructions

AV Receiver

SC-2022-K



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)  
<http://yourpdfguides.com/dref/5322080>

**Manual abstract:**

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. k058a\_A1\_En D3-4-2-1-1\_A1\_En 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. @@@@ g., 230 V or 120 V) written on the rear panel. @D3-4-2-1-7a\_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 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 VENTILATION CAUTION When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 20 cm at top, 10 cm at rear, and 20 cm at each side).

WARNING 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 CAUTION The  $\square\square$ 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 2 Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly. 04 Basic Setup Changing the OSD display language (OSD Language). 39 Contents 01 Before you start Checking what's in the box. 46 06 Listening to your system Enjoying various types of playback using the listening modes. 56 03 Connecting your equipment Connecting your equipment. 30 Connecting to the network through LAN interface. 33 Switching components on and off using the 12 volt trigger. 34 Plugging in the receiver.

34 08 Control with HDMI function About the Control with HDMI function. 59 Cautions on the Control with HDMI function. 59 09 Using other functions Setting the Audio options. 67 3 10 Controlling the rest of your system About the Remote Setup menu. 69 Operating multiple receivers. 69 Setting the remote to control other components. 97 4 Flow of settings on the receiver Flow for connecting and setting the receiver The unit is a full-fledged AV receiver equipped with an abundance of functions and terminals. It can be used easily after following the procedure below to make the connections and settings. Required setting item: 1, 2, 3, 4, 5, 7, 9 Setting to be made as necessary: 6, 8, 10, 11, 12 9 Basic playback (page 40) j 10 Adjusting the sound and picture quality as desired ! Using the various listening modes (page 48) ! Better sound using Phase Control (page 51) ! Measuring the all EQ type (SYMMETRY/ALL CH ADJ/FRONT ALIGN) (page 75) ! Changing the channel level while listening (page 84) ! Setting the Video options (page 63) j Important The receiver's initial settings can be made on the computer using Wiring Navi on the AVNavigator CD-ROM included with the receiver. In this case, virtually the same connections and settings as in steps 2, 3, 4, 5, 6, 7 and 8 can be made interactively.

For instructions on using AVNavigator, see About using AVNavigator (included CD-ROM) on page 8. The System Setup and Other Setup menus (page 82) j 1 Before you start ! checking what's in the box on page 7 ! Loading the batteries on page 8 j 12 Making maximum use of the remote control ! operating multiple receivers (page 69) ! Setting the remote to control other components (page 69) 2 Determining the speakers' application (page 18) ! Bi-amping your speakers on page 21 j 4 Connecting the components ! Plugging in the receiver on page 34 j 5 6 7 Power On Changing the OSD display language (OSD Language) (page 36) MCACC speaker settings j j ! Automatically conducting optimum sound tuning (Full Auto MCACC) on page 36 j 8 The Input Setup menu (page 38) (When using connections other than the recommended connections) j 5 Before you start Checking what's in the box. 8  $\square\square\square\square$  6 01 Checking what's in the box Please check that you've received the following supplied accessories: ! AAA size IEC R03 dry cell batteries (to confirm system operation) x2 ! Warranty card Before you start % HDMI (3D, Audio Return Channel) A compatible component is required to use the above function. % PQLS Bit-stream Jitterless high quality playback is possible by connecting a PQLS-compatible player with HDMI connections. This feature is only available when the connected Pioneer Blu-ray Disc Player supporting the PQLS function.

% Auto Phase Control Plus For discs created with standards other than Phase Control, the LFE channel is delayed upon recording in the first place. This function automatically corrects for phase shifting on such discs and broadcast. This function is especially effective when playing music. % Hi-bit 24 Creates a wider dynamic range with digital sources like CDs, DVDs or BDs. 16- and 20-bit PCM as well as compressed audio is requantized to 24 bits, and the high frequency component is interpolated upon data processing to enable smoother, more subtle musical expression.

% Sound Retriever Link Our philosophy Pioneer is dedicated to making your home theater listening experience as close as possible to the vision of the moviemakers and mastering engineer when they created the original soundtrack. We do this by focusing on three important steps: By connecting a Pioneer player supporting the Sound Retriever Link function, compressed audio files played on the player can be corrected automatically to play the sound with higher density.



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)

<http://yourpdfguides.com/dref/5322080>

This feature is only available when the connected Pioneer Blu-ray Disc Player supporting the PQLS function. % Virtual Wide speaker When you're not using front wide speakers, selecting this mode allows you to hear a virtual front wide channel through your front speakers. This improves the continuity of the sound from the front channel to the surround channels.  $\square \square \square \square$  1 Designing with carefully selected components so as to transmit the original soundtrack accurately

2 3 Allowing for customized acoustic calibration according to any listening area Tuning that transmits soul % Stream Smoother Link By connecting a Pioneer player supporting the Stream Smoother Link function, compressed video or movie files played on the player can be corrected automatically to play them with a more natural, easily viewable picture. This feature is only available when the connected Pioneer Blu-ray Disc Player supporting the PQLS function. Features % Class D Amplifier This unit is an AV receiver developed based on the latest high performance Class D amplifier and integrating the essence of Pioneer's high sound quality designs. This new generation reference amplifier offers outstanding performance with high sound quality and reproduces the latest in multi-channel digital contents. % iPod playback Your iPod, iPhone or iPad can be connected to the receiver's USB terminal and RCA video terminal to play the music/video files on the iPod, iPhone or iPad.

Also, the iPod, iPhone or iPad is charged when it is connected to the receiver. % Dolby Pro Logic IIz compatible Adding a pair of speakers above the front left and right speakers adds expressiveness in the vertical direction to the previous horizontally-oriented sound field. The height channel strengthens the sound field's sense of threedimensionality and air, producing presence and expansion. % Apple AirPlay® With AirPlay you can stream music from iTunes to the SC-2022 and play it through your home theater system. You can even use the receiver to view metadata including song title, artist as well as album art on a connected display. With Pioneer's Air lay-compatible receivers, you can easily enjoy your iTunes music in any room in the P house. % Internet Radio By connecting this receiver to the network via the LAN terminal, you can listen to Internet radio stations. % Air Jam App compatible For the SC-2022, the optional AS-BT200 Bluetooth adapter works together with Pioneer's exclusive Air Jam application. Available free App in App Store and Android Market, Air Jam allows up to 4 iPhone, iPod touch, iPad or Android devices to share music and create a group playlist for a unique and fun social music network experience. % Bluetooth compatible Using the Bluetooth ADAPTER (AS-BT100 or AS-BT200) lets you enjoy music files on an iPhone or other Bluetooth wireless technology device wirelessly.

% Auto Sound Retriever The Auto Sound Retriever feature employs DSP technology to restore sound pressure and smooth jagged artifacts left over after compression. % AVNavigator The CD-ROM (AVNavigator) included with this unit provides a variety of functions, such as Wiring Navi with a guide for connecting the unit and setting up from the computer and an Interactive Manual for operating the unit while reading the manual. Also, Operation Guide describes the receiver's playback operations and how to use several functions through videos and illustrations. AVNavigator is not only included PC software, but also iPad version in free download from App Store. For detail, check the website: [http://pioneer.jp/product/soft/iapp\\_avnavi/en.html](http://pioneer.jp/product/soft/iapp_avnavi/en.html)

% Easy setup using AdvanceSE ! This CD-ROM is for use with a personal computer. It cannot be used with a DVD player or music CD player. Attempting to play this CD-ROM with a DVD player or music CD player can damage speakers or cause impaired hearing due to the large volume. before you start License ! Please agree to the "Terms of Use" indicated below before using this CD-ROM.

Do not use if you are unwilling to consent to the terms of its use. terms of Use ! Copyright to data provided on this CD-ROM belongs to PIONEER CORPORATION. Unauthorized transfer, duplication, broadcast, public transmission, translation, sales, lending or other such matters that go beyond the scope of "personal use" or "citation" as defined by Copyright Law may be subject to punitive actions. PIONEER CORPORATION does not guarantee the operation of this CD-ROM with respect to personal computers using any of the applicable OS. In addition, PIONEER CORPORATION is not liable for any damages incurred as a result of use of this CD-ROM and is not responsible for any compenher one channel other than the ones above, the mono surround channel or matrix encode flag 13 Master volume level Shows the overall volume level.  $\square$ --" indicates the minimum level, and "+12dB" indicates the maximum level.  $\square \square \square \square$  14 Input function indicators Light to indicate the input function you have selected. 15 Scroll indicators Light when there are more selectable items when making the various settings. 3 Digital format indicators Light when a signal encoded in the corresponding format is detected. DSD PCM – Light during DSD (Direct Stream Digital) to PCM conversion with SACDs.

16 Speaker indicators Lights to indicate the current speaker system using SPEAKERS (page 65). 17 SLEEP Lights when the receiver is in sleep mode (page 66). Neo:6 – When one of the Neo:6 modes of the receiver is on, this lights to indicate Neo:6 processing (page 49). 13 02 Front panel 1 2 3 4 3 5 6 6 7 MASTER VOLUME dial Front panel controls Controls and displays To access the front panel controls, catch the sides of the door with your fingers and pull forward. iNPU T SELE CTOR ADVANCED MCACC STAN DBY /ON FL OFF HDMI iPod iPhone iPad MAST VOLU ER ME INPUT SELECTOR MASTER VOLUME 8 9 AUDIO PARAMETER i/j/k/l (TUNE/PRESET) /ENTER STANDBY /ON Use to access the Audio options (page 61). Use the arrow buttons when setting up your Home Menu. Use TUNE i/j to find radio frequencies and use PRESET k/l to find preset stations (page 44).  $\square \square \square \square$  10 VIDEO PARAMETER Use to access the Video options (page 63). 8 AUDIO PARAMETER 9 10 TUNE VIDEO PARAMETER 11 12 SPEAKERS 13 iPod iPhone iPad DIRECT CONTROL AUTO SURR/ALC/ STREAM DIRECT STEREO 14 STANDARD SURROUND ADVANCED SURROUND 11 MULTI-ZONE controls If you've made MULTI-ZONE connections (page 30) use these controls to control the sub zone from the main zone (page 65). 1 A 13 iPod iPhone iPad DIRECT CONTROL HDMI 5 INPUT Change the receiver's input to the iPod and enable iPod operations on the iPod (page 42). iPod iPhone iPad 14 Listening mode buttons 15 1 2 u STANDBY/ON 16 17 18 19 20 21 This switches between standby and on for this receiver. ADVANCED MCACC – Lights when EQ is set to ON in the AUDIO PARAMETER menu (page 61).



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)  
<http://yourpdfguides.com/dref/5322080>

! FL OFF – Lights when “off” (nothing displayed) is selected with the display’s dimmer adjustment (page 66). ! HDMI – Blinks when connecting an HDMI-equipped component; lights when the component is connected (page 24). TUNER EDIT – Use with TUNE i/j, PRESET k/l and ENTER to memorize and name stations for recall (page 44).

4 5 Character display Remote sensor See Display on page 13. Receives the signals from the remote control (page 8). 18 PHONES jack Use to connect headphones. When the headphones are connected, there is no sound output from the speakers. 19 MCACC SETUP MIC jack Use to connect the supplied microphone (page 36).

14 02 20 iPod iPhone iPad USB terminals Use to connect your Apple iPod/iPhone/iPad as an audio and video source (page 32), or connect a USB device for audio and photo playback (page 32). A □ □ □ 15 Connecting your equipment Connecting your equipment. 30 Connecting to the network through LAN interface. 33 Switching components on and off using the 12 volt trigger. 34 Plugging in the receiver. 34 □ □ □ □ 16 03 Connecting your equipment This receiver provides you with many connection possibilities, but it doesn’t have to be difficult. This chapter explains the kinds of components you can connect to make up your home theater system. connecting your equipment Note ! The input functions below are assigned by default to the receiver’s different input terminals. Refer to The Input Setup menu on page 38 to change the assignments if other connections are used. input function BD DVD SAT/CBL DVR/BDR VIDEO HDMI 5 (front panel) HDMI 6 CAUTION ! Before making or changing the connections, switch off the power and disconnect the power cord from the power outlet.

Plugging in should be the final step. ! When making connections, also keep the power cords of the devices being connected unplugged from the power outlets. ! Depending on the device being connected (amplifier, receiver, etc. ), the methods of connection and terminal names may differ from the explanations in this manual. Also refer to the operating instructions of the respective devices. The CU-RF100 omni-directional remote control (separately sold) can be connected to the RS-232C and EXTENSION terminals. Using the CU-RF100 lets you display the receiver’s display information on the remote control display in your hands and operate it without worrying about obstacles or the direction in which the remote control is pointing. L AUDIO RS-232C ANTENNA SUBWOOFER CENTER A R FRONT L CENTER FRONT HEIGHT / FRONT WIDE / R L B R SURROUND BACK L (Single) R SURROUND A MONITOR OUT AM LOOP FM UNBAL 75 RS-232C SPEAKERS 1 ANTENNA SUBWOOFER 12V TRIGGER IR OUT IN 1 IN 2 2 AM LOOP FM UNBAL 75 12V TRIGGER MAX) EXTENSION (OUTPUT 5 V 150 mA MAX) (OUTPUT 12 V TOTAL 150 mA 1 IR OUT IN 1 IN 2 2 EXTENSION (OUTPUT 5 V 150 mA MAX) (OUTPUT 12 V TOTAL 150 mA MAX) 17 03 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). ! It is also possible to only connect one of the surround back speakers (SB) or neither.

! If you have two subwoofers, the second subwoofer can be connected to the SUBWOOFER 2 terminal. Connecting two subwoofers increases the bass sound to achieve more powerful sound reproduction. In this case, the same sound is output from the two subwoofers. Choose one from Plans [A] to [E] below. The Speaker System setting must be made if you use any of the connections shown below other than [A] (see Speaker system setting on page 83).

! Sound does not come through simultaneously from the front height, front wide, speaker B and surround back speakers. Output speakers are different depending on the input signal or listening mode. Speaker System setting: Normal(SB/FH) FHR FHL R SW 1 This plan replaces the left and right front height speakers shown in [A] with the left and right front wide speakers (FWL/FWR). It is not possible to produce sound simultaneously from the front wide speakers and the surround back speakers. This surround system provides a sound field with good association between the sounds of the different channels.

2 ch surround system connects the left and right front speakers (L/R), the center speaker (C), the left and right front height speakers (FHL/FHR), the left and right surround speakers (SL/SR), the left and right surround back speakers (SBL/SBR), and the subwoofers (SW 1/SW 2). It is not possible to produce sound simultaneously from the front height speakers and the surround back speakers. This surround system produces a more true-to-life sound from above. SL SBR SBL Speaker B With these connections you can simultaneously enjoy 5. 2-channel surround sound in the main zone with stereo playback of the same sound on the B speakers. The same connections also allow for 7. 2-channel surround sound in the main zone when not using the B speakers. Speaker System setting: Front Bi-Amp Bi-amping connection of the front speakers for high sound quality with 5. 2-channel surround sound. Front Bi-Amp Connecting your equipment Placing the speakers Refer to the chart below for placement of the speakers you intend to connect.

Speaker System setting: ZONE 2 With these connections you can simultaneously enjoy 5. 2-channel surround sound in the main zone with stereo playback on another component in ZONE 2. 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 / front wide speakers, we recommend placing the surround speaker right beside you. ! If you intend to connect only one surround back speaker, place it directly behind you. ! Place the left and right front height speakers at least one meter directly above the left and right front speakers. A □ □ □ □ Some tips for improving sound quality 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. ! 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. ! For the best stereo effect, place the front speakers 2 m to 3 m apart, at equal distance from the TV. ! 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. ! If you’re using a center speaker, place the front speakers at a wider angle. If not, place them at a narrower angle.

! 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.



[You're reading an excerpt. Click here to read official PIONEER](http://yourpdfguides.com/dref/5322080)

[SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)

<http://yourpdfguides.com/dref/5322080>

*! 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. ! Surround and surround back speakers should be positioned 60 cm to 90 cm higher than your ears and tilted slightly 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. zONE 2 Sub zone SW 2 C R SR SL L Other speaker connections ! Your favorite speaker connections can be selected even if you have fewer than 5. When not connecting a subwoofer, connect speakers with low frequency reproduction capabilities to the front channel. (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 Full Auto MCACC (speaker environment setting) procedure. See Automatically conducting optimum sound tuning (Full Auto MCACC) on page 36.*

*19 03 Connecting the speakers Each speaker connection on the receiver comprises a positive (+) and negative (-) terminal. Make sure to match these up with the terminals on the speakers themselves. This unit supports speakers with a nominal impedance of 4 W to 16 W. Connecting your equipment Installing your speaker system At the very least, front left and right speakers only are necessary. Note that your main surround speakers should always be connected as a pair, but you can connect just one surround back speaker if you like (it must be connected to the left surround back terminal). 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. Standard surround connection The front height terminals can also be used for the front wide and Speaker B speakers.*

*Front height setting Front height right Front wide setting Front wide right Speaker B setting Speaker B - right Speaker B - left Front wide left Front height left Bare wire connections 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. Please refer to the manual that came with your speakers for details on how to connect the other end of the speaker cables to your speakers. ! Use an RCA cable to connect the subwoofer. It is not possible to connect using speaker cables.*

*! If you have two subwoofers, the second subwoofer can be connected to the SUBWOOFER 2 terminal. Connecting two subwoofers increases the bass sound to achieve more powerful sound reproduction. In this case, the same sound is output from the two subwoofers. SPEAKERS The surround back terminals can also be used for ZONE 2. 2 ch surround setting Surround back right ZONE 2 setting ZONE 2 - Right ZONE 2 - Left Surround back left Surround back Surround left Not connected 20 03 Bi-amping your speakers Bi-amping is when you connect the high frequency driver and low frequency driver of your speakers to different amplifiers for better crossover performance.*

*Your speakers must be bi-ampable to do this (having separate terminals for high and low) and the sound improvement will depend on the kind of speakers you're using. Front right Bi-amp compatible speaker Bi-amp compatible speaker Front left Connecting your equipment Bi-wiring your speakers Your speakers can also be bi-wired if they support bi-amping. ! With these connections, the Speaker System setting makes no difference. cAUTION ! Don't connect different speakers from the same terminal in this way. ! When bi-wiring as well, heed the cautions for bi-amping shown above. High High % To bi-wire a speaker, connect two speaker cords to the speaker terminal on the receiver. low Low Subwoofer 1 LINE LEVEL INPUT Center Subwoofer 2 LINE LEVEL INPUT     FRONT 1 SUBWOOFER 2 SURROUND SURR BACK FH / FW (Single) PRE OUT L R CENTER A R FRONT L CENTER FRONT HEIGHT / FRONT WIDE / R L B R SURROUND BACK L (Single) R SURROUND L A SPEAKERS FRONT 1 SUBWOOFER 2 SURROUND SURR BACK FH / FW (Single) PRE OUT L R CENTER A R FRONT L CENTER FRONT HEIGHT / FRONT WIDE / R L B R SURROUND BACK L (Single) R SURROUND L A SPEAKERS Surround right Surround left CAUTION ! Most speakers with both High and Low terminals have two metal plates that connect the High to the Low terminals. These must be removed when you are bi-amping the speakers or you could severely damage the amplifier. See your speaker manual for more information. ! If your speakers have a removable crossover network, make sure you do not remove it for bi-amping.*

*Doing so may damage your speakers. 21 03 Selecting the Speaker system The front height terminals can be used for front wide and Speaker B connections, in addition to for the front height speakers. Also, the surround back terminals can be used for bi-amping and ZONE 2 connections, in addition to for the surround back speakers. Make this setting according to the application. Connecting your equipment About the audio connection Types of cables and terminals HDMI Sound signal priority Transferable audio signals HD audio Front height setup \*Default setting Digital (Coaxial) Conventional digital audio 1 2 Connect a pair of speakers to the front height speaker terminals. If necessary, select 'Normal(SB/FH)' from the Speaker System menu. Digital (Optical) Front wide setup 1 2 Connect a pair of speakers to the front height speaker terminals. With an HDMI cable, video and audio signals can be transferred in high quality over a single cable. Speaker B setup You can listen to stereo playback in another room. 1 2 Connect a pair of speakers to the front height speaker terminals.*

*Bi-Amping setup Bi-amping connection of the front speakers for high sound quality with 5. 1-channel surround sound. 1 2 Connect bi-amp compatible speakers to the front and surround back speaker terminals. select 'Front Bi-Amp' from the Speaker System menu. See Bi-amping your speakers on page 21. see Speaker system setting on page 83 to do this. ZONE 2 setup With these connections you can simultaneously enjoy 5. 1-channel surround sound in the main zone with stereo playback on another component in ZONE 2. 1 2 Connect a pair of speakers to the surround back speaker terminals. 22 03 About the video converter The video converter ensures that all video sources are output through the HDMI OUT terminal.*



[You're reading an excerpt. Click here to read official PIONEER](http://yourpdfguides.com/dref/5322080)

[SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)

<http://yourpdfguides.com/dref/5322080>

If the TV is only connected to the receiver's composite VIDEO MONITOR OUT jacks, all the other video devices must be connected through composite connections. If several video components are assigned to the same input function (see The Input Setup menu on page 38), the converter gives priority to HDMI, component, then composite (in that order). Terminal for connection with source device High picture quality Terminal for connection with TV monitor Connecting your equipment About HDMI The HDMI connection transfers uncompressed digital video, as well as almost every kind of digital audio. this receiver incorporates High-Definition Multimedia Interface (HDMI®) technology. This receiver supports the functions described below through HDMI connections. Synchronized operation with components using the Control with HDMI function (see Control with HDMI function on page 57) HDMI IN HDMI OUT Y PB PR Y PB PR COMPONENT VIDEO IN COMPONENT VIDEO MONITOR OUT VIDEO IN VIDEO MONITOR OUT Video signals can be output Note ! An HDMI connection can only be made with DVI-equipped components compatible with both DVI and High Bandwidth Digital Content Protection (HDCP). If you choose to connect to a DVI connector, you will need a separate adaptor (DVItoHDMI) to do so. A DVI connection, however, does not support audio signals. Consult your local audio dealer for more information. ! If you connect a component that is not compatible with HDCP, an HDCP ERROR message is displayed on the front panel display.

Some components that are compatible with HDCP still cause this message to be displayed, but so long as there is no problem with displaying video this is not a malfunction. ! Depending on the component you have connected, using a DVI connection may result in unreliable signal transfers. To take advantage of these formats, however, make sure that the component connected to this receiver also supports the corresponding format. If an HDMI cable other than a High Speed HDMI®/TM cable is used, it may not work properly. ! When an HDMI cable with a built-in equalizer is connected, it may not operate properly. ! Signal transfer is only possible when connected to a compatible component. Due to this, interruption in the audio may occur when switching between audio formats or beginning playback. ! 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. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and other countries. The only exception is HDMI: since this resolution cannot be downsampled, you must connect your monitor/TV to the receiver's HDMI output when connecting this video source.

! 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 Digital Video Conversion (in Setting the Video options on page 63) OFF. ! 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 signals 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. 23 03 Connecting your TV and playback components Connecting using HDMI If you have an HDMI or DVI (with HDCP) equipped component (Blu-ray Disc player (BD), 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 57). This connection is required in order to listen to the sound of the TV over the receiver. hDMI/DVI-compatible monitor Connecting your equipment ! For input components, connections other than HDMI connections are also possible (see Connecting your DVD player with no HDMI output on page 25). ! If you want to listen to the sound of the TV over the receiver, connect the receiver and TV with audio cables. □ When the TV and receiver are connected by HDMI connections, if the TV supports the HDMI ARC (Audio Return Channel) function, the sound of the TV can be input to the receiver via the HDMI OUT 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 58). □ If you use a coaxial digital audio cable or RCA (analog) audio cable, you'll need to tell the receiver which digital or analog audio input you connected the TV to (see The Input Setup menu on page 38). 6 A MAX) LAN (10/100) IN 1 for WIRELESS LAN DC OUTPUT (TV) IN 2 (DVR/BDR) ASSIGN- IN 1 (DVD) IN 2 (SAT/CBL) OPTICAL ABL E COAXIAL IN 1 (CD) ASSIGNABLE 24 03 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. hDMI/DVI-compatible monitor DVD player , etc.

Connecting your equipment 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. important ! With these connections, the picture is not output to the TV even if the DVD player is connected with an HDMI cable. Connect the receiver and TV using the same type of video cable as used to connect the receiver and player. ! Also, when the receiver and TV are connected by anything other than an HDMI cable, the OSD function allowing display of the receiver's settings, operations, etc. , on the TV's screen cannot be used. In this case, watch the receiver's front panel display while performing the various operations and making settings. If you want to listen to the sound of the TV over the receiver, connect the receiver and TV with audio cables (page 24). □ When the TV and receiver are connected by HDMI connections, if the TV supports the HDMI ARC (Audio Return Channel) function, the sound of the TV can be input to the receiver via the HDMI OUT terminal, so there is no need to connect an audio cable. If you use an optical digital audio cable, you'll need to tell the receiver which digital input you connected the player to (see The Input Setup menu on page 38). In order to listening to HD audio with this receiver, connect an HDMI cable, and use analog video cable for video signal input.

Depending on the player, it may not be possible to output video signals to both HDMI and other video output (composite, etc. ) simultaneously, and it may be necessary to make video output settings. Please refer to the operating instructions supplied with your player for more information.



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)  
<http://yourpdfguides.com/dref/5322080>

! If you want to listen to the sound of the TV over the receiver, connect the receiver and TV with audio cables (page 24). ! If you use an optical digital audio cable, you'll need to tell the receiver which digital input you connected the player to (see The Input Setup menu on page 38).

Connecting your equipment Connecting an HDD/DVD recorder, BD recorder and other video sources This receiver has audio/video inputs suitable for connecting analog or digital video devices, including HDD/DVD recorders and BD recorders. When you set up the receiver you'll need to tell the receiver which input you connected the recorder to (see also The Input Setup menu on page 38). In order to record, you must connect the analog audio cables (the digital connection is for playback only) (page 66). , is equipped with an HDMI output terminal, we recommend connecting it to the receiver's HDMI DVR/BDR IN terminal. When doing so, also connect the receiver and TV by HDMI (see Connecting using HDMI on page 24).

HDMI OUT Connecting your equipment Connecting a satellite/cable receiver or other set-top box Satellite and cable receivers, and terrestrial digital TV tuners are all examples of so-called 'set-top boxes'. When you set up the receiver you'll need to tell the receiver which input you connected the set-top box to (see The Input Setup menu on page 38). If your set-top box is equipped with an HDMI output terminal, we recommend connecting it to the receiver's HDMI SAT/CBL IN terminal. When doing so, also connect the receiver and TV by HDMI (see Connecting using HDMI on page 24). hDMI OUT STB HDMI/DVI-compatible monitor HDMI IN HDMI ASSIGNABLE 1 -6 IN 1 (DVD) IN 2 (SAT/CBL) IN 3 (DVR/BDR) BD IN IN 4 (VIDEO) IN 6 OUT HDMI ASSIGNABLE 1 -6 IN 1 (DVD) IN 2 (SAT/CBL) IN 3 (DVR/BDR) BD IN IN 4 (VIDEO) IN 6 OUT 27 03 ! Even if your set-top box is equipped with an HDMI output terminal, in some cases the sound is output from the digital audio output (optical or coaxial) and only the video is output from the HDMI output terminal. In this case, make the HDMI and digital audio connections as shown below. Select one HDMI OUT DIGITAL OUT OPTICAL COAXIAL Connecting your equipment Connecting other audio components This receiver has both digital and analog inputs, allowing you to connect audio components for playback. When you set up the receiver you'll need to tell the receiver which input you connected the component to (see also The Input Setup menu on page 38). 28 03 Connecting additional amplifiers This receiver has more than enough power for any home use, but it's possible to add additional amplifiers to every channel of your system using the pre-outs. Make the connections shown below to add amplifiers to power your speakers.

ANALOG INPUT L R FRONT 1 SUBWOOFER 2 SURROUND SURR BACK FH / FW (Single) Connecting your equipment Connecting AM/FM antennas Connect the AM loop antenna and the FM wire antenna as shown below. to improve reception and sound quality , connect external antennas (see Connecting external antennas on page 30). A Front channel amplifier b c PRE OUT L R CENTER ANALOG INPUT Center channel amplifier (mono) ANALOG INPUT L R 3 ANTENNA 5 FM UNBAL 75 Surround channel amplifier 4 1 2 AM LOOP ANALOG INPUT L □ □ □ □ ANTENNA FRONT 1 SUBWOOFER SURROUND SURR BACK FH / FW 2 (Single) PRE OUT L ANALOG INPUT R Front height or Front wide channel amplifier AM LOOP FM UNBAL 75 R CENTER L R 1 Surround back channel amplifier Powered subwoofer 2 Powered subwoofer 1 Pull off the protective shields of both AM antenna wires. 2 Push open the tabs, then insert one wire fully into each terminal, then release the tabs to secure the AM antenna wires. 3 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). If you plan to mount the AM antenna to a wall or other surface, secure the stand with screws (fig. C) before clipping the loop to the stand. Make sure the reception is clear.

aNALOG INPUT ANALOG INPUT ! If you're not using a subwoofer, change the front speaker setting (see Speaker Setting on page 79) to LARGE. ! 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 (SURROUND BACK L (Single)) terminal only. ! The sound from the surround back terminals will depend on how you have configured the Speaker system setting on page 83. ! If you have two subwoofers, the second subwoofer can be connected to the SUBWOOFER 2 terminal.

Connecting two subwoofers increases the bass sound to achieve more powerful sound reproduction. In this case, the same sound is output from the two subwoofers. ! To hear sound only from the pre-outs, switch the speaker terminals to SP: OFF (page 65) or simply disconnect any speakers that are connected directly to the receiver. 4 5 Place the AM antenna on a flat surface and in a direction giving the best reception. 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. Connecting your equipment MULTI-ZONE listening options The following table shows the signals that can be output to ZONE 2 and ZONE 3: Sub Zone ZONE 2 Input functions available DVD, SAT/CBL, DVR/BDR, VIDEO, INTERNET RADIO, MEDIA SERVER, FAVORITES, iPod/USB, TV, CD, TUNER, ADAPTER PORT (Outputs analog audio, composite video.) DVD, SAT/CBL, DVR/BDR, VIDEO, TV, CD, TUNER, ADAPTER PORT (Outputs analog audio) 75 coaxial cable ZONE 3 ANTENNA ANTENNA AM LOOP FM UNBAL 75 AM LOOP FM UNBAL 75 ! It is not possible to down-convert the audio and video input signals from the HDMI input terminals, digital input terminals (OPTICAL and COAXIAL) and the COMPONENT VIDEO input terminals and output them to ZONE 2. ! It is not possible to down-convert the audio input signal from the HDMI input terminals or digital input terminals (OPTICAL and COAXIAL) and output them to ZONE 3. ! When any of the INTERNET RADIO, MEDIA SERVER, FAVORITES, iPod/USB or ADAPTER PORT inputs is selected in the main zone, it is only possible to select the same input as in the main zone for the sub zone. (Inputs other than the ones listed here can be selected.) To improve AM reception, connect a 5 m to 6 m length of vinyl-coated wire to the AM LOOP terminals without disconnecting the supplied AM loop antenna. for the best possible reception , suspend horizontally outdoors. ANTENNA Basic MULTI-ZONE setup (ZONE 2) 1 2 Connect a separate amplifier to the AUDIO ZONE 2 OUT jacks on this receiver. Connect a subwoofer to the SUBWOOFER ZONE 2 OUT jack on this receiver.

Connect a TV monitor to the VIDEO ZONE 2 OUT jack on this receiver. Sub zone (ZONE 2) □ □ □ □ You should have a pair of speakers attached to the sub zone amplifier as shown in the following illustration. outdoor antenna When a subwoofer is connected , we recommend setting HPF (High Pass Filter) at ZONE Setup to ON (page 88).



[You're reading an excerpt. Click here to read official PIONEER](http://yourpdfguides.com/dref/5322080)

[SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)

<http://yourpdfguides.com/dref/5322080>

AM LOOP FM UNBAL 75 3 3 VIDEO IN Main zone ANTENNA Indoor antenna (vinyl-coated wire) 5 m to 6 m AM LOOP FM UNBAL 75 MULTI-ZONE setup This receiver can power up to three independent systems in separate rooms after you have made the proper MULTI-ZONE connections. Different sources can be playing in three zones at the same time or, depending on your needs, the same source can also be used. The main and sub zones have independent power (the main zone power can be off while one (or both) of the sub zones is on) and the sub zones can be controlled by the remote or front panel controls. LINE LEVEL INPUT AUDIO IN R L ZONE 2 OUT SUBWOOFER Making MULTI-ZONE connections It is possible to make these connections if you have a separate TV, subwoofer and speakers for your primary (ZONE 2) sub zone, and a separate amplifier (and speakers) for your secondary (ZONE 3) sub zone. You will also need a separate amplifier if you are not using the speaker terminals for your primary sub zone (For detail, see MULTI-ZONE setup using speaker terminals (ZONE 2) on page 31). There are two primary sub zone setups possible with this system. Choose whichever works best for you. 2 1 ZONE 2 OUT SUBWOOFER 30 03 MULTI-ZONE setup using speaker terminals (ZONE 2) You must select ZONE 2 in Speaker system setting (page 83) to use this setup. Connecting your equipment 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 local network, including your computer. 1 2 Connect a pair of speakers to the surround back speaker terminals.

Connect a TV monitor to the VIDEO ZONE 2 OUT jack on this receiver. Sub zone (ZONE 2) Main zone You should have a pair of speakers attached to the surround back speaker terminals as shown below. 2 ZONE 2 OUT VIDEO IN R SURROUND BACK L (Single) Internet LAN (10/100) Modem LAN (10/100) L R ZONE 2 OUT R SURROUND BACK L (Single) to LAN port NAS PC LAN 3 2 1 WAN    Router 1 to LAN port LAN cable (sold separately) Secondary MULTI-ZONE setup (ZONE 3) % Connect a separate amplifier to the AUDIO ZONE 3 OUT jacks on this receiver. You should have a pair of speakers attached to the sub zone amplifier as shown in the following illustration. Sub zone (ZONE 3) Main zone 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 85. 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. AUDIO IN R L ZONE 3 OUT 31 03 Connecting optional Bluetooth ADAPTER When the Bluetooth® ADAPTER (AS-BT100 or AS-BT200) is connected to this receiver, a product equipped with Bluetooth wireless technology (portable cell phone, digital music player, etc. ) can be used to listen to music wirelessly. ! The Bluetooth wireless technology enabled device must support A2DP profiles. ! Pioneer does not guarantee proper connection and operation of this unit with all Bluetooth wireless technology enabled devices.

! The Air Jam function cannot be used with the AS-BT100. An iPod/iPhone/iPad can be connected to the receiver. For details on supported models and versions of the respective products, see Playing an iPod on page 42. % Switch the receiver into standby then use the supplied iPod cable to connect your iPod to the iPod iPhone iPad USB terminal on the front panel of this receiver. ! It is also possible to connect using the cable included with the iPod, but in this case it is not possible to view pictures via the receiver. ! For the cable connection, also refer to the operating instructions for your iPod. ! iPod recharging occurs whenever an iPod is connected to this unit. (Recharging is enabled only when the unit's power is turned on. ) ! For instructions on playing the iPod, see Playing an iPod on page 42. bluetooth® ADAPTER Connecting a USB device ADAPTER PORT (OUTPUT 5 V 0.

1 A MAX) It is possible to play audio and photo files by connecting USB devices to this receiver. iPod iPhone iPad DIRECT CONTROL AUTO SURR/ALC/ STREAM DIRECT STEREO STANDARD SURROUND ADVANCED SURROUND    Important ! Do not move the receiver with the Bluetooth ADAPTER connected. Doing so could cause damage or faulty contact. 5V USB 2. 1 A HDMI 5 INPUT iPod iPhone iPad % Switch the receiver into standby and connect Bluetooth ADAPTER to the ADAPTER PORT.

! For instructions on playing the Bluetooth wireless technology device, see Pairing the Bluetooth ADAPTER and Bluetooth wireless technology device on page 46. 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. iPod iPhone iPad DIRECT CONTROL AUTO SURR/ALC/ STREAM DIRECT STEREO STANDARD SURROUND ADVANCED SURROUND USB mass storage device % 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 43. 5V USB 2. 1 A HDMI 5 INPUT iPod iPhone iPad iPod/iPhone/iPad iPod cable (supplied) 32 03 Connecting an HDMI-equipped component to the front panel input iPod iPhone iPad DIRECT CONTROL AUTO SURR/ALC/ STREAM DIRECT STEREO STANDARD SURROUND ADVANCED SURROUND Connecting your equipment Connecting an IR receiver If you keep your stereo components in a closed cabinet or shelving unit, or you wish to use the sub zone remote control in another zone, you can use an optional IR receiver (such as a Niles or Xantech unit) to control your system instead of the remote sensor on the front panel of this receiver. ! Remote operation may not be possible if direct light from a strong fluorescent lamp is shining on the IR receiver remote sensor window. ! Note that other manufacturers may not use the IR terminology. Refer to the manual that came with your component to check for IR compatibility. ! If using two remote controls (at the same time), the IR receiver's remote sensor takes priority over the remote sensor on the front panel. 5V USB 2. 1 A HDMI 5 INPUT iPod iPhone iPad 1 Connect the IR receiver sensor to the IR IN jack on the rear of this receiver. closet or shelving unit Non-Pioneer component Video camera (etc.



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)  
<http://yourpdfguides.com/dref/5322080>



) IR IN □ □ □ □ 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. ! Use only the furnished accessory connecting cable. ! Certain settings are required to use a wireless LAN converter (AS-WL300). For instructions on making these settings, see the operating instructions included with the wireless LAN converter (AS-WL300). 6 A MAX) IR receiver LAN (10/100) for WIRELESS LAN DC OUTPUT 2 Connect the IR IN jack of another component to the IR OUT jack on the rear of this receiver to link it to the IR receiver. Modem Router WAN Internet Please see the manual supplied with your IR receiver for the type of cable necessary for the connection. DC 5V Ethernet WPS Wireless LAN converter (AS-WL300) 33 03 Switching components on and off using the 12 volt trigger You can connect components in your system (such as a screen or projector) to this receiver so that they switch on or off using 12 volt triggers when you select an input function. However, you must specify which input functions switch on the trigger using the The Input Setup menu on page 38. Note that this will only work with components that have a standby mode. 12V TRIGGER INPUT Connecting your equipment 12V TRIGGER 1 2 12V TRIGGER 1 2 (OUTPUT 12 V TOTAL 150 mA MAX) (OUTPUT 12 V TOTAL 150 mA MAX) % Connect the 12 V TRIGGER jack of this receiver to the 12 V trigger of another component.

Use a cable with a mono mini-plug on each end for the connection. After you've specified the input functions that will switch on the trigger, you'll be able to switch the component on or off just by pressing the input function(s) you've set on page 38. À □ □ □ 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. 1 2 Plug the supplied power cord into the AC IN socket on the back of the receiver. Plug the other end into a power outlet. ! 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 57. 34 Basic Setup Changing the OSD display language (OSD Language). 39 □ □ □ □ 35 04 Changing the OSD display language (OSD Language) The language used on the Graphical User Interface screen can be changed. ! The explanations in these operating instructions are for when English is selected for the GUI screen. ! The OSD display is only displayed when the receiver's HDMI OUT terminal and the TV's HDMI input are connected with an HDMI cable. If the TV is connected with anything other than an HDMI cable, watch the front panel display while performing the various operations and making settings. Basic Setup Automatically conducting optimum sound tuning (Full Auto MCACC) The Full Auto MCACC Setup measures the acoustic characteristics of your listening area, taking into account ambient noise, speaker connection and speaker size, 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. 1 Press u RECEIVER to switch on the receiver and your TV. Make sure that the TV's video input is set to 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).

Make sure the microphone and speakers are not moved during the Full Auto MCACC Setup. Using the Full Auto MCACC Setup will overwrite any existing settings for the MCACC preset you select. Before using the Full Auto MCACC Setup, the headphones should be disconnected. The OSD display is only displayed when the receiver's HDMI OUT terminal and the TV's HDMI input are connected with an HDMI cable. If the TV is connected with anything other than an HDMI cable, watch the front panel display while performing the various operations and making settings.

2 Press on the remote control, then press HOME MENU. a Graphical User Interface (GUI) screen appears on your TV. Use i/j/k/l and ENTER to navigate through the screens and select menu items. The test tones used in the Full Auto MCACC Setup are output at high volume. Which is registered in some jurisdictions.

all rights reserved. 1 Press u RECEIVER to switch on the receiver and your TV. Make sure that the TV's video input is set to this receiver. 2 Connect the microphone to the MCACC SETUP MIC jack on the front panel. mULTI-ZONE CONTROL ON/OFF SPEAKERS iPod iPhone iPad DIRECT CONTROL AUTO SURR/ALC/ STREAM DIRECT STEREO STANDARD SURROUND ADVANCED SURROUND BAND PHONES TUNER EDIT MCACC SETUP MIC 5V USB 2. 1 A HDMI 5 INPUT iPod iPhone iPad Microphone Tripod Make sure there are no obstacles between the speakers and the microphone. If you have a tripod, use it to place the microphone so that it's about ear level at your normal listening position. If you do not have a tripod, use some other object to install the microphone. install the microphone on a stable floor. Placing the microphone on any of the following surfaces may make accurate measurement impossible: ! If you leave the GUI screen for over five minutes, the screen saver will appear.

3 Select the parameters you want to set. ! When data measurement is taken, the reverb characteristics data (both before- and after-calibration) that this receiver had been storing will be overwritten. ! When measurement is taken of the reverb characteristics data other than SYMMETRY, the data are not measured after the correction. If you will need to measure after correcting data, take the measurement using the EQ Professional menu in the Manual MCACC setup (page 77).



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)

<http://yourpdfguides.com/dref/5322080>

If the speakers are connected using any setup other than Normal(SB/FH), be sure to set Speaker System before the Full Auto MCACC Setup. When this is selected and ENTER is pressed, the speaker system selection screen appears. Select the proper speaker system, then press RETURN to return. If you are planning on bi-amping your front speakers, or setting up a separate speaker system in another room, read through Speaker system setting on page 83 and make sure to connect your speakers as necessary before continuing to step 4. For details, see Automatic MCACC (Expert) on page 75. ! MCACC – The six MCACC presets are used for storing surround sound settings for different listening positions.

Simply choose an unused preset for now (you can rename it later in Data Management on page 80). ! THX Speaker – Select YES when using THX speakers (all speakers other than the front speakers are set to SMALL). In other cases, leave at NO. The configuration shown on-screen should reflect the actual speakers you have. ! If you see an ERR message (or the speaker configuration displayed isn't correct), there may be a problem with the speaker connection. If selecting RETRY doesn't work, turn off the power and check the speaker connections. If there doesn't seem to be a problem, you can simply use i/j to select the speaker and k/l to change the setting and continue. ! If the speaker is not pointed to the microphone (listening position) or when using speakers that affect the phase (dipole speakers, reflective speakers, etc. ), Reverse Phase may be displayed even if the speakers are properly connected. If Reverse Phase is displayed, the speaker's wiring (+ and –) may be inverted.

check the speaker connections. □ If the connections were wrong, turn off the power, disconnect the power cord, then reconnect properly. After this, perform the Full Auto MCACC procedure again. □ If the connections were right, select GO NEXT and continue. À □ □ □ 7 Make sure 'OK' is selected, then press ENTER. A progress report is displayed on-screen while the receiver outputs more test tones to determine the optimum receiver settings. Again, try to be as quiet as possible while this is happening. Be sure to disconnect the microphone from this receiver upon completion of the Full Auto MCACC Setup. The settings made in the Full Auto MCACC Setup should give you excellent surround sound from your system, but it is also possible to adjust these settings manually using The Advanced MCACC menu on page 74 or The System Setup and Other Setup menus on page 82. ! 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 Manual speaker setup on page 83. ! The subwoofer distance setting may be farther than the actual distance from the listening position. This setting should be accurate (taking delay and room characteristics into account) and generally does not need to be changed. ! If Full Auto MCACC Setup measurement results are incorrect due to the interaction of the speakers and viewing environment, we recommend adjusting the settings manually. Make sure the microphone is connected, and if you're using a subwoofer, make sure it is switched on and set to a comfortable volume level.

6 Wait for the test tones to finish, then confirm the speaker configuration in the GUI screen. 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. If no operations are performed for 10 seconds while the speaker configuration check screen is being displayed, the Full Auto MCACC Setup will resume automatically. In this case, you don't need to select 'OK' and press ENTER in step 7.

! With error messages (such as Too much ambient noise! or Check microphone. ), select RETRY after checking for ambient noise (see Problems when using the Auto MCACC Setup on page 37) and verifying the mic connection. If there doesn't seem to be a problem, you can simply select GO NEXT and continue.

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. 37 04 The Input Setup menu You only need to make settings in the Input Setup menu if you didn't hook up your digital equipment according to the default settings (see Input function default and possible settings on page 38).

In this case, you need to tell the receiver what equipment is hooked up to which terminal so the buttons on the remote control correspond to the components you've connected. ! The OSD display is only displayed when the receiver's HDMI OUT terminal and the TV's HDMI input are connected with an HDMI cable. If the TV is connected with anything other than an HDMI cable, watch the front panel display while performing the various operations and making settings.

Basic Setup Input function default and possible settings The terminals on the receiver generally correspond to the name of one of the input functions. If you have connected components to this receiver differently from (or in addition to) the defaults below, see The Input Setup menu on page 38 to tell the receiver how you've connected up. Input Setup A/V RECEIVER DVD Rename OFF COAX-1 Input-1 In-1 OFF OFF Input Input Name Input Skip Audio In HDMI Input Component In 12V Trigger 1 12V Trigger 2 : : : : : Input Terminals HDMI (BD) IN 1 IN 2 IN 3 IN 4 IN 5 IN 6 COAX-1 COAX-2 OPT-2 k IN 1 k IN 2 k Audio Component 1 Press on the remote control, then press HOME MENU. a Graphical User Interface (GUI) screen appears on your TV. Use i/j/k/l and ENTER to navigate through the screens and select menu items. Other Setup HDMI 6 INTERNET RADIO MEDIA SERVER FAVORITES □ □ □ □ Exit Return Exit Return iPod/USB TV CD TUNER ADAPTER PORT a When ARC at HDMI Setup is set to ON, it is not possible to make assignments to the TV input's Audio In terminals. B Only the TV and CD inputs can be assigned to ANALOG-1.

OPT-1 <a> ANALOG-1 <b> 4 Select the input function that you want to set up. The default names correspond with the names next to the terminals on the rear panel (such as DVD or SAT/CBL which, in turn, correspond with the names on the remote control. 5 Select the input(s) to which you've connected your component.



[You're reading an excerpt. Click here to read official PIONEER SC-2022-K user guide](http://yourpdfguides.com/dref/5322080)  
<http://yourpdfguides.com/dref/5322080>