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You can read the recommendations in the user guide, the technical guide or the installation guide for PIONEER AVH-X8500BT. You'll find the answers to all your questions on the PIONEER AVH-X8500BT in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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**Pioneer**

**Operation Manual**

DVD RDS AV RECEIVER

**AVH-X8500BT**

**DIVX**

**Bluetooth**

**DVD  
VIDEO**

**SD  
HC**

Made for  
iPod iPhone

**DOLBY  
DIGITAL**

**HDMI**  
HIGH DEFINITION MULTIMEDIA INTERFACE

*English*



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**Manual abstract:**

If you experience difficulty in operating the system or reading the display, park your vehicle in a safe location and make necessary adjustments. 3 Please remember to wear your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries can be considerably more severe if your seat belt is not properly buckled. 4 Never use headphones while driving. @@@@! To avoid the risk of damage and injury and the potential violation of applicable laws, this unit is not for use with a video screen that is visible to the driver. ! To avoid the risk of accident and the potential violation of applicable laws, no viewing of front seat video should ever occur while the vehicle is being driven. ! In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed and this unit's video features should not be used. Precautions When you attempt to watch a video image while driving, the warning "Viewing of front seat video source while driving is strictly prohibited." will appear on the front display.

To watch a video image on the front display, park your vehicle in a safe place and apply the parking brake. WARNING Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards. When using a display connected to rear monitor output The rear monitor output on this unit (V OUT) is used to connect a rear display that allows passengers in the rear seats to watch videos. WARNING NEVER install the rear display in a location where the driver can watch videos while driving.

En 5 Section 01 Precautions When using the rear view camera With an optional rear view camera, this unit can be used as an aid to keep an eye on trailers, or when backing into a tight parking spot. WARNING ! SCREEN IMAGE MAY APPEAR REVERSED. ! USE INPUT ONLY FOR REVERSE OR MIRROR IMAGE REAR VIEW CAMERA. OTHER USE MAY RESULT IN INJURY OR DAMAGE. CAUTION ! The rear view camera function is to be used as an aid to keep an eye on trailers, or while backing up.

Do not use for entertainment purposes. ! Please note that the edges of the rear view camera images may differ slightly according to whether full screen images are displayed when backing up, and whether the images are used for checking the rear when the vehicle is moving forward. To avoid battery exhaustion Keep the vehicle engine running when using this unit to avoid draining the battery power. ! When no power is supplied to this unit, such as when the vehicle battery is being replaced, the microcomputer of this unit returns to its initial condition. We recommend that you transcribe the audio adjustment data. WARNING Do not use with vehicles that do not feature an ACC position. 6 En Section Before you start 02 If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling. CAUTION This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, and contains a class 1M laser module. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.

Refer all servicing to qualified personnel. Before you start Private households in the member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one). For countries not mentioned above, please contact your local authorities for the correct method of disposal. By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health. CAUTION—CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. CAUTION ! Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, damage to this unit, smoke, and overheating could result from contact with liquids. !

The Pioneer CarStereo-Pass is for use only in Germany. ! Always keep the volume low enough to hear outside sounds.

! Avoid exposure to moisture. ! If the battery is disconnected or discharged, any preset memory will be erased. About this unit The tuner frequencies on this unit are allocated for use in Western Europe, Asia, the Middle East, Africa and Oceania. Use in other areas may result in poor reception. The RDS (radio data system) function only works in areas that broadcast RDS signals for FM stations.

DVD video disc region numbers Only DVD video discs with compatible region numbers can be played on this player. You can find the region number of the player on the bottom of this unit and in this manual (refer to Specifications on page 94). En 7 Section 02 Before you start About this manual ! This unit features a number of sophisticated functions to ensure superior reception and operation. All the functions have been designed for the easiest possible use, but many are not self-explanatory. This operation manual will help you benefit fully from this unit's potential and to maximize your listening enjoyment.

! This manual uses diagrams of actual screens to describe operations. However, the screens on some units may not match those shown in this manual depending on the model used. ! In the following instructions, USB memories, USB portable audio players, and SD memory cards are collectively referred to as "external" 's what Selecting a source Available source modes ! Radio – Radio tuner ! Disc – Built-in DVD and CD player ! USB/iPod 1 – USB/iPod 1 ! USB/iPod 2 – USB/iPod 2 ! SD – SD memory card ! Bluetooth Audio – Built-in Bluetooth audio ! AUX – AUX ! AV – AV input Selecting a source ! Using SRC/OFF 1 Press SRC/OFF. ! Using the touch panel keys on the home display 1 Touch the source icon and then touch the desired source name. ! When the source icon is not displayed, it can be displayed by touching the screen. ! While operating the menu, you cannot select a source by touching the source icon. 03 — Firmware update Notes ! When there are two USB storage devices connected to this unit and you want to switch between them for playback, disconnect communications for the USB storage device first before proceeding. ! If connecting both USB 1/iPod 1 and USB 2/iPod 2 at the same time, use a Pioneer USB cable (CD-U50E) in addition to the regular Pioneer USB cable. What's what Adjusting the volume % Press +/- (VOLUME/VOL) to adjust the volume.

Note The USB/iPod 1 or USB/iPod 2 icon will change as follows: ! USB 1 is displayed when a USB storage device is connected to USB input 1.



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*! When no radio text is received, No Text appears in the display. Tuning in to strong signals Local seek tuning allows you to tune in to only those radio stations with sufficiently strong signals for good reception. FM: Off — — — Storing and recalling radio text You can store data from up to six radio text transmissions to the Memo1 to Memo6 keys. 1 Display the radio text you want to store in the memory. Refer to Tuner operations on page 17. 2 Touch and hold one of the keys to store the selected radio text. The memory number is displayed and the selected radio text will be stored in the memory. The next time you press the same key in radio text display the stored text will be recalled from the memory. MW/LW: Off — — The more there are on the screen, the fewer the stations that can be selected.*

*Only stations with the strongest signals in your local area can be selected. If there are fewer, this unit will be able to receive broadcasts from weaker stations. Using iTunes tagging For more details about iTunes tagging, refer to About iTunes tagging on page 87. Storing the tag information to this unit 1 Tune in to the broadcast station. 2 Store the tag information to this unit. Refer to Tuner operations on page 17. You can store the information if the Tag indicator is displayed while the desired song is being broadcast. # While storing the tag data on this unit, Tag flashes. # The tag information for up to 50 songs can be stored on this unit. # Depending on the timing of when the tag information is stored, the tag information for the song played before or after the currently playing song may also be stored.*

*# If an SD is selected as the source while tag information is being stored to this unit, the tag information will not be transferred to the iPod. Storing the strongest stations BSM (best stations memory) automatically stores the six strongest stations in the order of their signal strength. Storing broadcast frequencies with BSM may replace broadcast frequencies you have saved using the preset channel keys. 1 Display the preset screen. Refer to Tuner operations on page 17.*

*The preset screen appears in the display. 2 Touch BSM to turn BSM on. The six strongest broadcast frequencies will be stored under preset channel keys in order of their signal strength. # To cancel the storage process, touch Cancel. 3 When completed, indicator turns off and indicator is displayed.*

*18 En Section Tuner Storing the tagged information to your iPod 1 Connect your iPod. When your iPod is connected to this unit, your iPod starts storing the tagged information automatically. # While transferring the tag, you cannot select the SD source. 06 Receiving alarm broadcasts interrupting regular broadcasts (Only available on FM stations) You can choose to receive the alarm broadcast automatically regardless of the source being listened to. Reception of the previous program resumes once the alarm broadcast ends. 2 When completed, indicator turns off and the tagged information is stored on your iPod.*

*Tuner Using PTY functions Receiving traffic announcements (Only available on FM stations) Regardless of the source you are listening to, you can receive traffic announcements automatically with TA (traffic announcement standby). 1 Tune in to a TP or enhanced other network's TP station. indicator lights up. 2 Turn Traffic announcement on.*

*Refer to Tuner operations on page 17. # If the TA function is turned on when you are not tuned in to a TP or enhanced other network's indicator lights up dimly. TP station, the (Only available on FM stations) You can tune in to a station using PTY (program type) information. Searching for an RDS station by PTY information You can search for general types of broadcasting programs, such as those listed in the following section. Refer to page 20. 1 Touch the search key. 2 Touch or to select a program type. There are four program types: News&Info—Popular—Classics—Others 3 Touch Start to begin the search. The unit searches for a station broadcasting that type of program. When a station is found, its program service name is displayed.*

*PTY (program type) information is listed in the following section. Refer to PTY list on page 20. # To cancel the search, touch Cancel. # The program of some stations may differ from that indicated by the transmitted PTY. # If no station is broadcasting the type of program you searched for, Not Found is displayed for about two seconds and then the tuner returns to the original station.*

*3 Press +/- (VOLUME/VOL) to adjust the TA volume when a traffic announcement begins. The newly set volume is stored in the memory and will be recalled for subsequent traffic announcements. 4 Turn off the announcement while a traffic announcement is being received. Refer to Tuner operations on page 17. The tuner returns to the original source but remains in the TA function standby mode until the icon is touched again.*

*En 19 Section 06 Tuner Using news program interruption When a news program is broadcast from a PTY code news station, the unit can switch from any station to the news broadcast station. When the news program ends, reception of the previous program resumes. RDS setting (Only available on FM stations) Limiting stations to regional programming When AF is used, the regional function limits the selection of stations to those broadcasting regional programs. 1*

*Press the home button to switch to the home display. 2 Touch the system key to open the system menu. 3 Touch RDS Setup on the system menu. PTY list News&Info (news and information) News (News), Affairs (Current affairs), Info (Information), Sport (Sports), Weather (Weather), Finance (Finance) Popular (popular) Pop Mus (Popular music), Rock Mus (Rock music), Easy Mus (Easy listening), Oth Mus (Other music), Jazz (Jazz), Country (Country music), Nat Mus (National music), Oldies (Oldies music), Folk Mus (Folk music) Classics (classics) L.Class (Light classical), Classic (Classical) Others (others) Educate (Education), Drama (Drama), Culture (Culture), Science (Science), Varied (Varied), Children (Children's), Social (Social affairs), Religion (Religion), Phone In (Phone in), Touring (Travel), Leisure (Leisure), Document (Documentaries) 4 Touch Regional on the menu to turn the regional function on. # To turn the regional function off, touch Regional again. Selecting alternative frequencies When the tuner cannot get a good reception, the unit automatically searches for a different station in the same network.*

*1 Press the home button to switch to the home display. Setting the FM tuning step The tuning step remains at 50 kHz during manual tuning. 1 Press the home button to switch to the home display. 2 Touch the system key to open the system menu. 3 Touch FM Step on the system menu to select the FM tuning step. Touching FM Step will switch the FM tuning step between 50 kHz and 100 kHz. The selected FM tuning step will appear. 2 Touch the system key to open the system menu. 3 4 Touch RDS Setup on the system menu.*



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Touch Alternative **FREQ** to turn **AF** on.

# To turn **AF** off, touch Alternative **FREQ** again. Notes ! Sound may be temporarily interrupted by another program during an **AF** frequency search. ! The **AF** feature can be set for **FM1**, **FM2**, and **FM3**. 20 En Section Tuner Switching Auto **PI** Seek The unit can automatically search for a different station with the same programming, even during preset recall. 1 Press the home button to switch to the home display.

2 Touch the system key to open the system menu. 06 Tuner 3 Touch Auto **PI** on the system menu to turn Auto **PI** Seek on. # To turn Auto **PI** Seek off, touch Auto **PI** again. Switching the sound quality of the **FM** tuner (Only available on **FM** stations) You can select the sound quality from the settings according to the circumstances of use. 1 Press the home button to switch to the home display.

2 Touch the system key to open the system menu. 3 Touch Tuner Sound on the system menu to select desired setting. ! Stable – Switch to settings that prioritize noise prevention. ! Standard – Switch to the standard settings. ! Hi-Fi – Switch to settings that give priority to the sound quality. En 21 Section 07 Disc (CD/DVD) Introducing movie operations You can use this unit to view DVD/DVD-R/ DVD-RW/CD/CD-R/CD-RW movie files. 3 Switch subtitle language key With DVDs/DivX files featuring multi-subtitle recordings, you can switch between subtitle languages during playback. 4 Switch audio language key With DVDs/DivX files that provides audio playback in different languages and different audio systems (Dolby® Digital, DTS, etc.), you can switch between languages/ audio systems during playback. Depending on the setting, the video may not be played back with the audio system used to record the DVD.

5 **TOP MENU** key Returning to the top menu during DVD playback. 6 **MENU** key Displaying the DVD menu during DVD playback. 7 Slow-motion playback key Moving the selection ahead one frame at a time during playback. Touch and hold down the key for more than two seconds to slow down playback speed. Touching the key increases the playback speed over four incremental settings during slow motion playback from DVD video/Video CD. 8 **Stop** key Stopping playback. If you resume playback, playback will start from the point where you stopped. Touch the key again to stop playback completely. 9 **Screen mode** key Changing the screen mode. Refer to Changing the wide-screen mode on page 14.

a **Pause and play** key Pausing playback. Returning to normal playback during paused, slow motion, or frame-by-frame playback. Touch panel keys DVD video 1 2 13.APR PM DVD-V MENU 12:25 XX XX XXXXXXXXXXXXXXXXXXXX Dolby D 2ch 48kHz 16bit 48kHz 16bit 2ch Dolby D TOP MENU Dolby PLII 1/2 01:00 2 -01:00 a 98 7 6 5 4 y 3 Return 2/2 01:00 2 -01:00 g f e dc b Video CD Return 01:00 8 -01:00 9 8h7e g b When playing a disc containing a mixture of various media file types Media 01:00 2 -01:00 9 87 e 4i3 1 **Fast forward** key/Reverse key Fast forwarding or reversing Touch to change the fast forward and reverse speed. 2 **Search** key Starting the search function.

22 En Section Disc (CD/DVD) b **Return** key Returning to the specified scene to which the DVD currently being played has been preprogrammed to return. This function cannot be used if a specified scene has not been preprogrammed on the DVD disc. c **Bookmark** key During playback, touch the point at which you want to resume playback the next time the disc is loaded. ! You can set one bookmark per DVD video. You can set up to five bookmarks total. ! To clear the bookmark on a disc, touch and hold the key during playback. ! The oldest bookmark is replaced by the new one. d **Arrow** key Displaying arrow keys to operate the DVD menu. e **Repeat** key Selecting the repeat range. f **Viewing angle** key With DVDs featuring multi-angle (scenes shot from multiple angles) recordings, you can switch among viewing angles during playback. g **Audio output** key Switching the audio output, when playing video discs recorded with **LPCM** audio. h **Slow** key Speeding down the playback speed in four steps, during slow motion playback on DVD video/Video CD. ! There is no sound during slow motion playback. ! Images during slow motion playback may be unclear for some discs. ! Reverse slow motion playback is not available.

i **Media** key Switching between media file types to play on DVD/CD/USB/SD. 07 Basic operations Playing back videos 1 Insert the disc into the disc loading slot with the label side up. Playback will automatically start. ! If you are playing a DVD or Video CD, a menu may appear. Refer to Operating the DVD menu on page 25 and **PBC** playback on page 27. ! When the automatic playback function is on, the unit will skip the DVD menu and automatically start playback from the first chapter of the first title. Refer to Automatic playback of DVDs on page 59. ! When the source icon is not displayed, it can be displayed by touching the screen. ! If a message is displayed after loading a disc containing DivX VOD content, touch **Play**. Refer to Playing DivX® VOD content on page 27.

**Ejecting a disc** ! Refer to Ejecting a disc on page 15. Selecting a chapter using the buttons 1 Press c or d (**TRK**). Fast forwarding or reversing using the buttons 1 Press and hold c or d (**TRK**). ! Fast forward/fast reverse may not always be possible on some discs. In such cases, normal playback will automatically resume.

! The fast forward/fast reverse speed depends on the length of time you press and hold down c or d (**TRK**). This function is not available for Video CD. Disc (CD/DVD) 23 Notes ! This DVD player can play back a DivX file recorded on CD-R/RW, DVD-R/RW, or MPEG-1/MPEG-2/MPEG-4. (Please see the following section for files that can be played back. Refer to DivX video files on page 85.

) ! Do not insert anything other than a DVD-R/ RW or CD-R/RW into the disc loading slot. ! Some operations may not be available while watching a media due to the programming of the disc. In such cases, the icon appears on the screen. En Section 07 Disc (CD/DVD) ! There may be touch panel keys not listed under Introducing movie operations on page 22 that appear on the screen. Refer to Indicator list on page 81. ! With some DVDs, switching between languages/audio systems may only be possible using a menu display. ! You can also switch between languages/audio systems using Video Setup menu. For details, refer to Setting the audio language on page 56. ! This unit will return to normal playback if you change the audio language during fast forward/fast reverse, pause or slow motion playback. ! With some DVDs, switching between subtitle languages may only be possible using a menu display.

! You can also switch between subtitle languages using Video Setup menu. For details, refer to Setting the subtitle language on page 56. ! This unit will return to normal playback if you change the subtitle language during fast forward/fast reverse, pause or slow motion playback. ! During playback of a scene shot from multiple angles, the angle icon is displayed. Use the Video Setup menu to turn the angle icon display on or off.



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For details, refer to Setting the multi-angle DVD display on page 57. ! You will return to normal playback if you change the viewing angle during fast forward/fast reverse, pause or slow motion playback. Touch panel keys 1 2 13 APR PM ROM 15 12:25 20 Abcdefghi Abcdefghi Abcdefghi Abcdefghi S.Rtrv Media 05' 26"-00' 35" 8 7 6 54 3 1 Information key Switching the text information to display on this unit when playing MP3/WMA/AAC files. 2 Search key Displaying a list of track titles/file names to select songs on a CD.

Displaying the file name list to select the files. 3 Media key Switching between media file types on a DVD or CD. 4 Sound retriever key Refer to Using sound retriever on page 14. 5 Random key Playing songs in random order. 6 Repeat key Selecting the repeat range.

7 Previous folder key/Next folder key Selecting a folder. 8 Pause and play key Pausing and starting playback. Sound playback operations You can use this unit to listen to DVD-R/DVDRW/CD/CD-R/CD-RW sound files. 24 En Section Disc (CD/DVD) Switching the media file type When playing a digital media containing a mixture of various media file types, such as DivX, MPEG-1, MPEG-2, MPEG-4 and MP3, you can switch between media file types to play. % Touch Media to switch media file types.

CD (audio data (CD-DA))—Music/ROM (compressed audio)—Video (DivX, MPEG-1, MPEG-2, MPEG-4 video files) Note Audio data (CD-DA) and JPEG picture files on DVD-R/RW/ROM cannot be played back on this unit. Starting playback from the selected menu item. 07 Selecting the desired menu item. Disc (CD/DVD) Operating the DVD menu by directly touching the menu item. Operating the DVD menu (Function for DVD video) Some DVDs allow you to make a selection from the disc contents using a menu. Back to previous display. Using the arrow keys 1 Display arrow keys to operate the DVD menu. 2 Select the desired menu item. Returning to the normal DVD video display. # When operating the DVD menu by directly touching the menu item, touch the icon to operate.

# Ways to display the menu will differ depending on the disc. # Depending on the contents of the DVD disc, this function may not work properly. In such cases, use the touch panel keys to operate the DVD menu. Random play (shuffle) Displaying arrow keys. % Touch the random key. ! Songs – Play back videos/songs in the selected list in random order. ! Albums – Play back videos/songs from a randomly selected album in order. ! Folder – Play back songs/tracks in the selected folder in random order. ! Disc – Play back songs/tracks in the selected disc in random order. ! On – Play back files in random order within the repeat range, Folder and Disc.

! Off – Cancel random play. En 25 Section 07 Disc (CD/DVD) Repeating playback % Touch the repeat key. ! ! ! ! ! Disc – Play through the current disc Chapter – Repeat the current chapter Title – Repeat the current title Track – Repeat the current track File – Repeat the current file Folder – Repeat the current folder One – Repeat just the current video/song ! Chapter search is not available when disc playback is stopped. ! This function cannot be operated during some DVD videos or Video CD playback featuring PBC (playback control). 1 Start the search function.

Refer to Introducing movie operations on page 22. 2 Touch the desired search option (e.g., Chapter). 3 Touch 0 to 9 to input the desired number.

# To cancel the entered numbers, touch C. Notes ! This function cannot be operated during Video CD playback featuring PBC (playback control). ! If you perform chapter search, fast forward/reverse, frame-by-frame playback or slow motion playback, the repeat play will stop. ! When playing discs with compressed audio and audio data (CD-DA), playback is repeated within the type of data currently playing even if Disc is selected. ! If you select another folder during repeat play, the repeat play range changes to Disc. ! If you perform track search or fast forward/reverse during File, the repeat play range changes to Folder. ! If you perform title/chapter search or fast forward/reverse during Chapter, the repeat play is set to off automatically. ! If you perform track search or fast forward/reverse during Track, the repeat play range changes to Disc. ! When Folder is selected, it is not possible to play back a subfolder of that folder. 4 Start playback from the selected part.

Registering the numbers and starting playback. Note With discs featuring a menu, you can also use the DVD menu to make your selection. Refer to Introducing movie operations on page 22. Selecting audio output When playing DVD video discs recorded with LPCM audio, you can switch the audio output. When playing video CDs, you can switch between stereo and monaural audio output. ! This function is not available when disc playback is stopped. % Touch the audio output key to switch audio output types. ! ! ! L+R – Left and right Left – Left Right – Right Mix – Mixing left and right Searching for the part you want to play You can use the search function to find the part you want to play. For DVD videos, you can select Title (title), Chapter (chapter) or 10key (numeric keypad). For video CDs, you can select Track (track) or 10key (numeric keypad).

26 En Section Disc (CD/DVD) Note You may not be able to select or use this function depending on the disc and the playback location. 07 1 Display the track title list. Refer to Sound playback operations on page 24. 2 Touch your favorite track title. Playback begins.

PBC playback (Function for Video CDs) During playback of Video CDs featuring PBC (playback control), PBC On is displayed. 1 Start the search function. Refer to Introducing movie operations on page 22. 2 Touch 10key to display the numeric keypad. 3 Touch 0 to 9 corresponding to a menu number.

4 Start playback from the selected part. Registering the numbers and starting playback. Selecting files from the file name list (Function for compressed audio/DivX/MPEG-1/MPEG-2/MPEG-4) File name list is a list of file names (or folder names) from which you can select a file (or folder) to play back. 1 Touch the search key to display the file (or folder) name list. 2 Touch your favorite file (or folder) name. # When you have selected a folder, a list of the names of the files (or the folders) in it can be viewed. Repeat this operation to select the desired file name. # If folder 1 (ROOT) contains no files, playback starts from folder 2. Note If part of the recorded information does not display, a scroll key appears on the right side of list. Touch the scroll key to scroll.

Disc (CD/DVD) Notes ! You can display the menu by touching Return during PBC playback. For details, refer to the instructions provided with the disc. ! PBC playback of a Video CD cannot be canceled. ! During playback of Video CDs featuring PBC (playback control), you cannot select the repeat play range or use the search function. Playing DivX VOD content Some DivX video on demand (VOD) content may only be playable a fixed number of times.



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When you load a disc containing this type of content, the number of times it has been played will be shown on-screen. You can then decide whether or not to play the disc. ! For DivX VOD content without this restriction, you can load the disc into your player and play the content as often as you like, with no message displayed. Selecting tracks from the track title list You can select tracks to playback using the track title list which is a list of the tracks recorded on a disc. En 27 Section 07 Disc (CD/DVD) ! You can confirm the number of times that the content can be played by checking the message, This DivX rental has used out of views.

. Important ! In order to play DivX VOD contents on this unit, you first need to register the unit with your DivX VOD contents provider. For details on your registration code, refer to Displaying the DivX VOD registration code on page 59. ! DivX VOD content is protected by a DRM (Digital Rights Management) system. This restricts playback of content to specific, registered devices.

% If a message is displayed after loading a disc containing DivX VOD content, touch Play. Playback of the DivX VOD content will start. # To skip to the next file, touch Next Play. # If you do not want to play the DivX VOD content, touch Stop. 28 En Section iPod iPod control This manual applies to the following iPod models.

iPod with 30-pin connector — iPod touch 4th generation — iPod touch 3rd generation — iPod touch 2nd generation — iPod touch 1st generation — iPod classic 160GB — iPod classic 120GB — iPod classic — iPod with video — iPod nano 6th generation — iPod nano 5th generation — iPod nano 4th generation — iPod nano 3rd generation — iPod nano 2nd generation — iPod nano 1st generation — iPhone 4S — iPhone 4 — iPhone 3GS — iPhone 3G — iPhone iPod with lightning connector — iPod touch 5th generation — iPod nano 7th generation — iPhone 5 08 Moving images operations For iPod with 30-pin connector users You can use the unit to view iPod movie files. ! Depending on your iPod, there may not be any output unless you use CD-IU201S/CDIU201V (sold separately). Be sure to use CD-IU201S/CD-IU201V to connect your iPod. For iPod with lightning connector users ! This function is not available. ! To play movie files in iPod with this unit, connect a CD-IH202 (sold separately) and Lightning Digital AV Adapter (Apple Inc. products) (sold separately) and install the CarMediaPlayer app on your iPod. Refer to the CarMediaPlayer manual for more information. iPod Touch panel keys 1 2 1 JAN PM iPod 1 FULL 1 12:43 2/3 2 S.Rtrv Appr App ppr pp For iPod with lightning connector users — Use the Lightning to USB Cable (Supplied with iPod/iPhone) when you use this function. — For more details, refer to the installation manual.

— Functions related to iPod movie files are not available. — If AppRadio Mode is used, the functions in this section cannot be used. Refer to AppRadio Mode operation on page 34. 88'88" -88'88" 7 654 3 1 Fast forward key/Reverse key Fast forwarding or reversing Touch to change the fast forward and reverse speed. 2 Search key Displaying iPod menus. 3 iPod control mode key Conducting operation from your iPod and listening to it using your car's speakers. 4 Shuffle key Playing the video on your iPod in a random order. En 29 Section 08 iPod 5 Repeat key Selecting the repeat range. 6 Screen mode key Changing the screen mode. Refer to Changing the wide-screen mode on page 14.

7 Pause and play key Pausing playback. Returning to normal playback during paused, slow motion, or frame-by-frame playback. Note The play time may not display correctly. Touch panel keys iPod audio (Control Audio) 1 2 3 1/9 4 1 JAN PM 5 12:43 iPod 1 Abcdefghi Abcdefghi Abcdefghi Abcdefghi 88'88" Basic operations Playing back videos 1 Touch the search key to pull up the iPod menus. 2 Select a movie to play.

Refer to Playing videos from your iPod on page 32. ! When the source icon is not displayed, it can be displayed by touching the screen. ! Disconnect headphones from the iPod before connecting it to this unit. ! Depending on the iPod model and the amount of data stored in the iPod, it may take some time for playback to begin. ! Use the touch panel keys to select the iPod after connecting it to this unit.

! No Device is displayed when disconnecting the iPod. Fast forwarding or reversing using the buttons 1 Press and hold c or d (TRK). x x 11 All S.Rtrv Appr App -88'88" d cb a 98 7 6 iPod audio (App Mode) FULL 88'88" -88'88" f e 1 Song title Displaying the Songs list on the iPod. 2 Artist name Displaying the Artists list on the iPod. 3 MIXTRAX EZ key Starting MIXTRAX EZ. Refer to MIXTRAX EZ operation on page 44. 4 Artwork Starting link search on your iPod when you touch the artwork display. 5 Search key Displaying iPod menus. 6 Sound retriever key Refer to Using sound retriever on page 14.

7 iPod control mode key Conducting operation from your iPod and listening to it using your car's speakers. Notes ! To ensure proper operation, connect the dock connector cable from the iPod directly to this unit. ! While the iPod is connected to this unit, the iPod cannot be turned on or off. ! Touch panel keys not listed under Moving images operations may appear on the display. Refer to Indicator list on page 81. Sound playback operations You can use the unit to listen iPod sound files. 30 En Section iPod 8 Shuffle key Playing songs on the iPod in random order. 9 Repeat key Selecting the repeat range. a Change speed key Changing the speed of audiobook playback on the iPod. b Genre Displaying the Genres list on the iPod.

c Album title Displaying the Albums list on the iPod. d Pause and play key Pausing and starting playback. e Unit operation key Performing operations from this unit and listening to the music on your iPod using your car's speakers. f Screen mode key Changing the screen mode. Refer to Sound playback operations on page 30.

2 Operate the connected iPod to select a video/song and play. Notes ! The following functions are still accessible from the unit even if the control mode is set to App Mode. However, the operation will depend on your applications. — Playing/pausing — Fast forwarding/reversing — Tracking up/down — Moving to a chapter up/down ! App Mode is compatible with the following iPod models. — iPod touch 4th generation — iPod touch 3rd generation — iPod touch 2nd generation — iPod touch 1st generation — iPod classic 160GB — iPod classic 120GB — iPod classic — iPod nano 6th generation — iPod nano 5th generation — iPod nano 4th generation — iPod nano 3rd generation — iPod nano 2nd generation — iPhone 4S — iPhone 4 — iPhone 3GS — iPhone 3G — iPhone 08 iPod Using this unit's iPod function from your iPod You can listen to sound from applications on your iPod using the car's speakers when App Mode is selected.



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This function is not compatible with the following iPod models. ! iPod nano 1st generation ! iPod with video Notes ! Video-related functions are not available to iPod with lightning connector users. ! While this function is in use, the iPod will not turn off even if the ignition key is turned off. Operate the iPod to turn off the power. Shuffle play % Touch the shuffle key. ! Songs – Play back videos/songs in the selected list in random order. ! Albums – Play back videos/songs from a randomly selected album in order. ! Off – Turn off shuffle play. 1 Switch the control mode to App Mode. Refer to Moving images operations on page 29.

En 31 Section 08 iPod Repeating playback % Touch the repeat key. ! One – Repeat just the current video/song ! All – Repeat all videos/songs in the selected list on the iPod 3 Play the video from the iPod. ROOT VideoPlaylists Movies MusicVideos VideoPodcasts TVShows Playing videos from your iPod Videos can be played on this unit if an iPod with video capabilities is connected. ! This unit can play back “Movies”, “Music videos”, “Video Podcast” and “TV show” which are downloaded from the iTunes store. Note This function is not available to iPod with lightning connector users. Rentals # If you want to switch to iPod music mode, touch the icon. Switching to iPod music mode. 1 Touch Search to display iPod menus. Refer to Moving images operations on page 29. 2 Switch to iPod video mode.

ROOT Browsing for a video/music on the iPod To make operating and searching easy, operations to control an iPod with this unit are designed to be as similar to the iPod as possible. Note Video-related functions are not available to iPod with lightning connector users. Playlists Artists Albums Songs Podcasts Genres # If you want to switch to iPod video mode, touch the icon. Searching for a video/music by category 1 Touch the search key to pull up the iPod menus. Refer to Sound playback operations on page 30.

2 Touch one of the categories in which you want to search for a video/music. ! ! ! ! ! Video Playlists (video playlists) Movies (movies) Music Videos (music videos) Video Podcasts (video podcasts) TV Shows (TV shows) Rentals (rentals) Playlists (playlists) Switching to iPod video mode. 32 En Section iPod ! ! ! ! ! ! ! Artists (artists) Albums (albums) Songs (songs) Podcasts (podcasts) Genres (genres) Composers (composers) Audiobooks (audiobooks) 08 Changing audiobook speed % Touch the change speed key to change the speed. 2 1 1/2 Playback at a speed faster than normal 3 Touch the title of the list that you want to play. Repeat this operation until you find the desired video/music.

Notes ! Depending on the generation or version of the iPod, some functions may not be available. ! You can play playlists created with the MusicSphere application. The application will be available on our website. ! Playlists that you created with the MusicSphere application are displayed in abbreviated form. Playback at normal speed Playback at a speed slower than normal iPod Displaying lists related to the song currently playing (link search) Touch the artwork to open a list of the names of songs on the album currently playing. Touch the name of the song you want to play to start playing that song. Note If part of the recorded information does not display, a scroll key appears on the right side of list. Touch the scroll key to scroll. Searching the list by alphabet 1 Select a category. Refer to Searching for a video/music by category on page 32.

2 Switch to alphabet search mode. Switching to alphabet search mode. Alphabet search mode is displayed. 3 Touch the first letter of the title of the video/song you are looking for. While searching, touch panel key operation is not available. # To refine the search with a different letter, touch Cancel. 4 Touch the title of the list that you want to play. Repeat this operation until you find the desired song/video. En 33 Section 09 AppRadio Mode AppRadio Mode operation This system can switch to the AppRadio Mode, which you can display and operate the application for iPhone or Android device on the screen. In AppRadio Mode, you can operate applications with finger gestures such as tapping, dragging, scrolling or flicking on the screen of the system.

Install the AppRadio app on your iPhone or Android device. ! Pioneer is not liable for any issues that may arise from incorrect or flawed app-based content. ! The content and functionality of the supported applications are the responsibility of the App providers. ! In AppRadio Mode, functionality through the product is limited while driving, with available functions determined by the App providers. ! Availability of AppRadio Mode functionality is determined by the App provider, and not determined by Pioneer.

! AppRadio Mode allows access to applications other than those listed (subject to limitations while driving), but the extent to which content can be used is determined by the App providers. Important ! For users of iPod with 30-pin connectors, only the USB input 1 port supports AppRadio Mode. ! When listening to music and sounds from application simultaneously, see the following section. Refer to Setting the App sound mixing on page 36. Notes ! Applications operable by switching this system to AppRadio Mode are only those available for AppRadio Mode.

! Please check applications supported AppRadio Mode at <http://www.pioneer.eu/AppRadioMode> WARNING Certain uses of a smartphone may not be legal while driving in your jurisdiction, so you must be aware of and obey any such restrictions. If in doubt as to a particular function, only perform it while the car is parked. No feature should be used unless it is safe to do so under the driving conditions you are experiencing. CAUTION ! While driving, you cannot enter text on your iPhone or Android device. iPhone compatibility AppRadio Mode is compatible with the following iPod models. ! iPod touch 5th generation ! iPod touch 4th generation ! iPhone 5 ! iPhone 4S ! iPhone 4 34 En Section AppRadio Mode Android compatibility ! Operation methods may vary depending on the Android devices and the software version of Android OS. ! Depending on the version of the Android OS, it may not be compatible with this equipment. ! Compatibility with all Android devices is not guaranteed.

For details about Android device compatibility with this product, refer to the information on our website. products) (sold separately) when you use this function. — For more details, refer to the installation manual. — A Bluetooth connection is required for iPod with lightning connector. Refer to Bluetooth connection menu on page 69. — If an optional CD-IH202 cable is used for connection, music and video sources on the iPod cannot be played. To use this unit to play music or a video source on an iPod, install the CarMediaPlayer app on your iPod. Refer to the CarMediaPlayer manual for more information. # For iPod with 30-pin connector users 1 Turn the source off.



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Refer to Turning the source ON/OFF on page 10.

2 Press the home button to switch to the home display. 3 Touch the system key to open the system menu. 4 Touch App Connection Settings on the system menu. 5 Touch the setting item to select Others. — Use the CD-IU201S (sold separately) when you use this function.

— For more details, refer to the installation manual. — When you use an iPhone, set the RGB input to iPhone. For details, refer to Setting the RGB Input on page 60. # For Android device users 1 Turn the source off. Refer to Turning the source ON/OFF on page 10.

2 Press the home button to switch to the home display. 3 Touch the system key to open the system menu. 4 Touch App Connection Settings on the system menu. 5 Touch the setting item to select Others. — Use the CD-AH200 (sold separately) when you use this function. — For more details, refer to the installation manual. 09 Setting the App connection Settings are required according to the connected device. For setting details, refer to Starting procedure on page 35.

App Connection Settings can be set when all of the following conditions are met. — The iPhone is not connected to RGB input.

— Nothing is connected to the HDMI input. — No Bluetooth connection. — The source is turned off. AppRadio Mode Starting procedure 1 Install the AppRadio app on your iPhone or Android device. 2 After configuring App Connection Settings, connect the iPhone or Android device to this unit. # For iPod with lightning connector users 1 Turn the source off. Refer to Turning the source ON/OFF on page 10. 2 Press the home button to switch to the home display.

3 Touch the system key to open the system menu. 4 Touch App Connection Settings on the system menu.

5 Touch the setting item to select iPhone (Digital AV). — Use the CD-IH202 (sold separately) and Lightning Digital AV Adapter (Apple Inc. En 35 Section 09 AppRadio Mode — A Bluetooth connection is required for Android devices. Refer to Bluetooth connection menu on page 69. When there are devices connected to both RGB input and HDMI input, priority is given to the device connected to HDMI input.

ting on your iPhone. If the settings for this product and the iPhone are different, you may not be able to enter characters properly. 1 Press the home button twice to switch from the AppRadio Mode display to the home display. 2 Touch the system key to open the system menu. 3 Touch Keyboard on the System menu to select desired language.

4 Touch or to select a desired language. French (French)—German (German)—Greek (Greek)—Russian (Russian)—English (US English)—English (UK) (UK English)—Dutch (Dutch)—Italian (Italian)—Norwegian (Norwegian)—Swedish (Swedish)—Finnish (Finnish)—Spanish (Spanish)—Portuguese (Portuguese) 5 Tap the text input area on the application screen of the iPhone. Touch to hide the keyboard. 3 Start an application available for AppRadio Mode from the iPhone or the Android device. An image of the application is displayed on the screen of this system. ! You can start an application available for AppRadio Mode also from a launcher application. 4 Press MODE. # Press the home button to switch to the home display and then touch the Apps key to start the launcher application. # The Apps key icons differ on iPhones and Android devices. 5 Operate the application.

Setting the Keyboard CAUTION For your safety, the keyboard functionality is only available when the vehicle is stopped and the parking brake is engaged. Setting the App sound mixing The sound of application during AppRadio Mode can be adjusted. Enable this setting when you want to mix the App sound with the sound from a built-in source (such as the radio). The volume of the App sound can be selected from three levels. 1 Press the home button twice to switch from the AppRadio Mode display to the home display. 2 Touch the system key to open the system menu. 3 Touch App sound mixing on the System menu to select desired setting. Off (off)—Low (low)—Mid (mid)—High (high) Depending on the application, you can input text on the display. In order to input text correctly using keyboard which appears on this unit, you need to set the language setting in this function. When the AppRadio Mode is used, the language setting for the keyboard set for the function and the language setting for the iPhone keyboard need to be the same.

! Keyboard is available only for the iPhone. ! Keyboard is available only in AppRadio Mode. When you tap a text input area of an application for iPhone, a keyboard will be displayed on-screen. You can input the desired text directly from this system. ! The language preference for the keyboard of this system should be same as the set- 36 En Section USB/SD Moving images operations You can use this unit to view external storage device (USB, SD) files.

8 Slow-motion playback key (Function for DivX file/MPEG-4) Moving the selection ahead one frame at a time during playback. Touch and hold down the key for more than two seconds to slow down playback speed. 9 Stop key Stopping playback. If you resume playback, playback will start from the point where you stopped. Touch the key again to stop playback completely.

a Screen mode key Changing the screen mode. Refer to Changing the wide-screen mode on page 14. b Pause and play key Pausing playback. Returning to normal playback during paused, slow motion, or frame-by-frame playback. 10 Touch panel keys 1 2 1 JAN PM USB 2 FULL 12:43 01 01 Multi ch Dolby D OFF OFF Media 00'20" -119'51" b a9 87 6 5 4 3 1 Fast forward key/Reverse key Fast forwarding or reversing Touch to change the fast forward and reverse speed. 2 Search key Displaying USB/SD menus. 3 Switch subtitle language key With DivX files featuring multi-subtitle recordings, you can switch between subtitle languages during playback. 4 Media key Switching between media file types to play on Music/Video/Photo. 5 Switch audio language key With DivX files that provides audio playback in different languages and different audio systems (Dolby Digital, DTS, etc.), you can switch between languages/audio systems during playback.

6 Repeat key Selecting the repeat range. Refer to Repeating playback on page 40. 7 Resolution key Adjusting the images on the display. USB/SD Basic operations Playing back videos 1 Connect the USB storage device or insert the SD card. Playback will automatically start. When the source icon is not displayed, it can be displayed by touching the screen. Fast forwarding or reversing using the buttons 1 Press and hold c or d (TRK). Ejecting an SD ! Refer to Ejecting an SD on page 15. Notes ! Touch panel keys not listed under Moving images operations may appear on the display. Refer to Indicator list on page 81.

! You can also switch between languages/audio systems using Video Setup menu. For details, refer to Setting the audio language on page 56. ! This unit will return to normal playback if you change the audio language during fast forward/fast reverse, pause or slow motion playback.



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En 37 Section 10 USB/SD ! You can also switch between subtitle languages using Video Setup menu. For details, refer to Setting the subtitle language on page 56.

! This unit will return to normal playback if you change the subtitle language during fast forward/fast reverse, pause or slow motion playback. Touch panel keys 1 2 3 EZ 4 PM USB 2 MIXTRAX 1 JAN 12:43 6 1 Abcdefghi Abcdefghi Abcdefghi Abcdefghi Sound playback operations You can use this unit to listen to USB/SD audio files. Notes ! The play time may not display correctly. ! When playing back files recorded as VBR (variable bit rate) files, the play time will not be correctly displayed if fast forward or reverse operations are used. ! To ensure proper operation, connect the dock connector cable from the iPod directly to this unit.

! While the iPod is connected to this unit, the iPod cannot be turned on or off. ! If the characters recorded on the disc are not compatible with this unit, those characters will not be displayed. ! Text information may not be correctly displayed depending on the recorded environment. ! Disconnect the USB portable audio player/ USB memory when you are done using it. ! When you select Speana on Selecting the background display on page 71, the artwork is not displayed. 00'01" All S.Rtrv Media -00'03" b a 9 8 76 5 1 MIXTRAX key Displaying the MIXTRAX screen. 2 MIXTRAX EZ key Starting MIXTRAX EZ. 3 Information key Switching the text information to display on this unit when playing MP3/WMA/AAC/ WAV files. 4 Search key Displaying the file name list to select the files.

5 Media key Switching between media file types to play on external storage device (USB, SD). 6 Sound retriever key Refer to Using sound retriever on page 14. 7 Random key Playing songs in random order. 8 Repeat key Selecting the repeat range. 9 DB key Creating a database that enables searches by artist name, genre, and other options. Refer to Music browse mode on page 39. a Previous folder key/Next folder key Selecting a folder. b Pause and play key Pausing and starting playback. 38 En Section USB/SD Basic operations Playing back tracks 1 Connect the USB storage device or insert the SD card. Playback will automatically start.

When the source icon is not displayed, it can be displayed by touching the screen. Fast forwarding or reversing using the buttons 1 Press and hold c or d (TRK). 10 Still image playback operations You can use this unit to view still images saved on an external storage device (USB, SD). Touch panel keys 1 2 13 APR PM Music browse mode This unit creates an index in order to facilitate browsing for a song. You can search by the categories such as albums and artists.

SD a 98 7 12:25 Dolby PLII CAUTION ! This function is not available when the external storage device (USB, SD) is locked. ! This function is not available when the free space of external storage device (USB, SD) is less than 5 MB. ! While this unit creates an index, do not turn the unit off. It may cause loss of data on your external storage device (USB, SD). ! If you switch to video or JPEG image display while a database is being created, or when a database could not be created, a message appears and database creation stops.

Media USB/SD 6 54 3 1 Fast forward key/Reverse key Selecting a picture. 2 Search key Displaying the file name list to select the files. 3 Capture key Capturing an image in JPEG files. 4 Media key Switching between media file types when there is more than one media file type saved to the external storage device (USB, SD). This key does not appear if there is only one media file type saved to the external storage device (USB, SD). 5 Random key Playing files in a random order. 6 Repeat key Selecting the repeat range. 7 Previous folder key/Next folder key Selecting a folder. 8 Rotate key Rotating the displayed picture 90° clockwise. 1 Touch DB to create a database in Music browse mode.

Refer to Sound playback operations on page 38. 2 When "Save the Database to memory?" is displayed, touch "Yes". Saving of the database is completed. If you do not save it, touch "No". When the saving is completed, "Completed saving Database to memory." appears. Music browse mode will start. 3 4 Display a list and touch the tag key. Select a file. En 39 Section 10 USB/SD 9 Screen mode key Changing the screen mode.

Refer to Changing the wide-screen mode on page 14. a Pause and play key Starting or pausing the slideshow. Repeating playback % Touch the repeat key. ! Folder – Repeat the current folder ! All – Repeat all files ! When Folder is selected, it is not possible to play back a subfolder of that folder. ! If you select USB or SD source, the repeat play range changes to All.

Basic operations Playing still images 1 Connect the USB storage device or insert the SD card. Playback will automatically start. ! When the source icon is not displayed, it can be displayed by touching the screen. Selecting a file using the buttons 1 Press c or d (TRK). Fast file searching 1 Press and hold c or d (TRK).

! You can search 10 JPEG files at a time. If there are fewer than 10 files, the search will cover the first or last file. Selecting files from the file name list (Function for compressed audio/DivX/MPEG-1/ MPEG-2/MPEG-4) Operation is the same as that for Disc. Refer to Selecting files from the file name list on page 27. Notes ! Files are played back in file number order and folders are skipped if they contain no files. (If folder 1 (ROOT) contains no files, playback commences with folder 2.) ! Touch panel keys not listed under Still image playback operations may appear on the display. Refer to Indicator list on page 81. Displaying lists related to the song currently playing (link search) Touch the artwork to open a list of the names of songs on the album currently playing.

Touch the name of the song you want to play to start playing that song.

Notes ! If part of the recorded information does not display, a scroll key appears on the right side of list. Touch the scroll key to scroll. ! This function is available for external storage devices (USB, SD) in Music browse mode. Switching the media file type % Touch Media to switch between media file types. Random play (shuffle) % Touch the random key. ! On – Play back files in random order within the repeat range, Folder and Media. ! Off – Cancel random play. 40 En Section USB/SD Playing videos from external storage device (USB, SD) Setting the Advanced Display Resolution (Function for USB/SD) You can increase the resolution of moving images on your external storage device (USB, SD). OFF—1—2 ! With some pictures, display adjustment may not be possible. ! There may not be any effect observed in some cases depending on the images being played back.

10 Touch the playback sign of the thumbnail to preview the file. Touch the title to start playback. Playing DivXâ VOD content Operation is the same as that for Disc. Refer to Playing DivXâ VOD content on page 27.



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