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You can read the recommendations in the user guide, the technical guide or the installation guide for PIONEER AVH-X8600BT. You'll find the answers to all your questions on the PIONEER AVH-X8600BT 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-X8600BT

English

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Manual abstract:

Before using this product, be sure to read and fully understand the following safety information: ! Do not operate this product, any applications, or the rear view camera option (if purchased) if doing so will divert your attention in any way from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations. If you experience difficulty in operating this product or reading the display, park your vehicle in a safe location and apply the handbrake before making the necessary adjustments. ! Never set the volume of this product so high that you cannot hear outside traffic and emergency vehicles. ! To promote safety, certain functions are disabled unless the vehicle is stopped and/or the handbrake is applied. ! Keep this manual handy as a reference for operating procedures and safety information. ! Do not install this product where it may (i) obstruct the driver's vision, (ii) impair the performance of any of the vehicle's operating systems or safety features, including air bags or hazard lamp buttons or (iii) impair the driver's ability to safely operate the vehicle. ! Please remember to fasten your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries To ensure safe driving WARNING ! Do not take any steps to tamper with or disable the handbrake interlock system which is in place for your protection. Tampering with or disabling the handbrake interlock system could result in serious injury or death.

! To avoid the risk of damage and injury and the potential violation of applicable laws, this product is not for use with a video image that is visible to the driver. engb 9 Chapter 01 Precaution ! In some countries the viewing of video image on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed. If you attempt to watch video image while driving, the warning "Viewing of front seat video source while driving is strictly prohibited. " will appear on the screen.

To watch video image on this display, stop the vehicle in a safe place and apply the handbrake. Please keep the brake pedal pushed down before releasing the handbrake. CAUTION The rear view mode is to use this product as an aid to keep an eye on the trailers, or while backing up. Do not use this function for entertainment purposes. When using a display connected to V OUT The video output terminal (V OUT) is for connection of a display to enable passengers in the rear seats to watch video images.

Handling the SD card slot CAUTION ! Keep the SD memory card out of the reach of small children to prevent them from accidentally swallowing it. ! To prevent data loss and damage to the storage device, never remove it from this product while data is being transferred. ! If data loss or corruption occurs on the storage device for any reason, it is usually not possible to recover the data. Pioneer accepts no liability for damages, costs or expenses arising from data loss or corruption. ! Never insert or eject an SD memory card while driving. WARNING NEVER install the rear display in a location that enables the driver to watch video images while driving. To avoid battery exhaustion Be sure to run the vehicle engine while using this product. Using this product without running the engine can drain the battery. handling the USB connector CAUTION ! To prevent data loss and damage to the storage device, never remove it from this product while data is being transferred. ! Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, iPhone, smartphone, or other devices while using this product.

WARNING Do not install this product in a vehicle that does not have an ACC wire or circuitry available. Rear view camera With an optional rear view camera, you are able to use this product as an aid to keep an eye on trailers, or backing into a tight parking spot. 10 Engb Chapter Precaution In case of trouble Should this product fail to operate properly, contact your dealer or nearest authorised Pioneer Service Station. P To protect the LCD screen from damage, be sure to touch the touch panel keys only with your finger and do so gently. 01 Precaution Notes on internal memory Visit our website Visit us at the following site: http://www. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft. ! We offer the latest information about PIONEER CORPORATION on our website. Please check the support section of the Pioneer website for all available software updates. Before removing the vehicle battery If the battery is disconnected or discharged, the memory will be erased and must be reprogrammed. P Some of the settings and recorded contents will not be reset.

Data subject to erasure The information is erased by disconnecting the yellow lead from the battery (or removing the battery itself). P Some of the settings and recorded contents will not be reset. about this product ! This product does not work correctly in areas other than Europe. The RDS (Radio Data System) function operates only in areas with FM stations broadcasting RDS signals. The RDS-TMC service can also be used in the area where there is a station that broadcasts the RDS-TMC signal.

! The Pioneer CarStereo-Pass is for use only in Germany. Resetting the microprocessor CAUTION Pressing the RESET button resets settings and recorded contents to the factory settings. P Do not perform this operation when a device is connected to this product. P Some of the settings and recorded contents will not be reset. Protecting the LCD panel and screen p Do not expose the LCD screen to direct sunlight when this product is not used.

This may result in LCD screen malfunction due to the resulting high temperatures. P When using a mobile phone, keep the aerial of the mobile phone away from the LCD screen to prevent disruption of the video in the form of spots, coloured stripes, etc. The microprocessor must be reset under the following conditions: ! Prior to using this product for the first time after installation. If there appears to be problems with the operation of the system. ! If your vehicle position is shown on the map with a significant positioning error. 1 Turn the ignition switch OFF. Engb 11 Chapter 01 Precaution 2 Press the RESET button with a pen tip or other pointed implement. Settings and recorded contents are reset to the factory settings. 1 1 RESET button About this manual 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.

12 Engb Chapter Basic operation Checking part names and functions This chapter gives information about the names of the parts and the main features using the buttons. 02 = For details of the operations, refer to How to use the screens on page 18.

6 TRK button Press to perform manual seek tuning, fast forward, reverse and track search controls. 7 h button 8 RESET button = For details of the operations, refer to Resetting the microprocessor on page 11. B SD card slot = For details, refer to Inserting and ejecting an SD memory card on page 15. = For details of the operations, refer to How to use the screens on page 18. ! Press and hold the HOME button to activate the voice recognition function. Press to switch between the Application screen and the AV operation screen. P If the display cannot switch from the AV operation screen to the Application screen when the MODE button is pressed, the display will turn off. remote control The remote control CD-R33 is sold separately.

For details concerning operations, see the remote control manual. Protecting your product against theft CAUTION ! Do not attempt to detach the front panel while DISC/SD is in the eject position. ! Do not attempt to detach the front panel while data is being written to USB/SD. Doing so may cause the data to become corrupted. ! After the front panel has been detached, the attaching plate will move back to its original position automatically.

Be careful not to let hands or other objects get caught behind the monitor as it is moving back. engb 13 Chapter 02 Basic operation ! Please make sure that the front panel is in its original position while the vehicle is in motion. It is dangerous to drive with the front panel sticking out. ! Do not place beverages or other objects on top of the front panel while it is fully open. important ! Handle the front panel with care when removing or attaching it.

Keep the front panel out of direct sunlight and high temperatures. ! If removed, replace the front panel on the unit before starting up your vehicle. Attaching the front panel 1 Slide the front panel into the top of the unit and push it into place. Slide the inserter on the front panel into the insertion slot on top of the unit and push it into place. Removing the front panel 1 2 Press the h button. 2 Push on the bottom of the front panel until it clicks into place. 3 Slide the dial at the bottom of the front panel to the right, and lift up the front panel while pushing down on the dial. notes on using the LCD panel WARNING ! Keep hands and fingers clear of this product when opening, closing, or adjusting the LCD panel. Be especially cautious of children's hands and fingers. ! Do not use with the LCD panel left open.

If the LCD panel is left open, it may result in injury in the event of an accident. 4 Put the front panel into the provided protective case for safe keeping. cAUTION ! Do not open or close the LCD panel by force. Do not operate this product until the LCD panel has completely opened or closed. If this product is operated while the LCD panel is opening or closing, the LCD panel may stop at that angle for safety. ! Do not place a glass or can on the open LCD panel. Doing so may break this product. ! Do not press the h button before an SD memory card has been completely removed. Doing so may damage the card. Adjusting the LCD panel angle 1 Press the h button.

2 Touch the following keys to adjust the angle of the LCD panel. The disc is loaded, and the LCD panel closes. Returning the panel to the upright position. The LCD panel opens, and the disc is ejected. P The adjusted angle of the LCD panel will be memorised and the LCD panel will automatically return to that angle the next time the LCD panel is opened or closed.

3 Remove the disc, and press the h button. Do not insert anything other than a disc into the disc-loading slot. ! Do not insert anything other than SD memory cards into the SD card slot. ! Ejecting an SD memory card during data transfer can damage the SD memory card. Be sure to eject the SD memory card by the procedure described in this manual.

! Do not press the h button when an SD memory card is not fully inserted. Doing so may damage the card. Inserting and ejecting an SD memory card p This system is not compatible with the Multi Media Card (MMC). P Compatibility with all SD memory cards is not guaranteed. P This product may not achieve optimum performance with some SD memory cards. Inserting an SD memory card 1 2 Press the h button. Engb 15 Chapter 02 Basic operation 3 Insert an SD memory card into the SD card slot. Insert it with the label surface face-up and press the card until it clicks and completely locks. Plugging and unplugging a USB storage device p This product may not achieve optimum performance with some USB storage devices. Plugging in a USB storage device 1 Pull out the plug from the USB port of the USB cable.

1 Ejecting an SD memory card 1 2 Press the h button. 2 3 Press the middle of the SD memory card gently until it clicks. 4 Pull the SD memory card out straight. 1 USB cable 2 USB storage device Unplugging a USB storage device % Pull out the USB storage device after checking that no data is being accessed. Connecting and disconnecting an iPod Connecting your iPod = For details of the connections, refer to the Installation Manual. Startup and termination 1 Start the engine to boot up the system. After a short pause, the splash screen comes on for a few seconds. 2 Turn off the vehicle engine to terminate the system. This product is also turned off. Disconnecting your iPod % Pull out the cables after confirming that no data is being accessed.

On first-time startup When you use this product for the first time, select the language that you want to use. 16 Engb Chapter Basic operation 1 Start the engine to boot up the system. After a short pause, the splash screen comes on for a few seconds. the "Select Program Language" screen appears. 2 Touch the language that you want to use on screen.

02 Basic operation 4 Touch the item you want to set. = For details, refer to Information on the connections and functions for each device on page 38. , the display returns to the pre- Regular startup % Start the engine to boot up the system. After a short pause, the splash screen comes on for a few seconds. p The screen shown will differ depending on the previous conditions.

P If the anti-theft function is activated, you must enter your password. Turning off the display You can turn off the display at night or when the screen is too bright. % Press and hold the MODE button. The display turns off. P If you touch the screen when the display is off, it reverts to the original screen. Engb 17 Chapter 02 Basic operation How to use the screens Switching screens using the touch panel keys 9 2 8 1 3 4 6 7 5 18 Engb Chapter Basic operation Switching screens using the hardware buttons 9 1 02 Basic operation 8 7 1 Top menu screen This is the starting menu to access the desired screens and operate the various functions. P If you press the HOME button, the Top menu screen is displayed. 2 Time and date setting screen You can set the time and date settings. 3 Setting menu screen You can customise the system and audio settings, etc. 4 Phone menu screen You can access the screen that is related to hands-free phoning.

5 AV source selection screen You can select the AV source. 6 Favourite source icons You can display the icons of frequently used sources by dragging the icons to the display area. = For details of the operation, refer to Changing the display order of source icons on page 21. 7 AV operation screen You can customise the settings for each source. 8 Application operation screen You can control the iPhone or smartphone applications directly on this product. P If applications are not available, the Application operation screen will not be displayed. 9 Application menu screen This product can switch to the application menu, on which you can display and operate the application for an iPhone or a smartphone on the screen. P If application menus are not available, the Application menu screen will not be displayed. Supported AV source You can play or use the following sources with this product. SD The following sources can be played back or used by connecting an auxiliary device.

Basic operation Aha Radio Bluetooth audio AV input (AV) AUX HDMI Selecting a front source on the AV source selection screen 1 Press the HOME button to display the Top menu screen. Displaying the AV operation screen 1 Press the HOME button to display the Top menu screen. 2 Touch the AV operation key. 3 Touch the source icon you want to select. The AV operation screen of the selected source appears.

1 Selecting a front source on the source list 1 Press the HOME button to display the Top menu screen. @@4 Touch the source key you want to select. The AV operation screen of the selected source appears. 20 Engb Chapter Basic operation Selecting a rear source You can select a source output to the rear display. = For details of the operations, refer to Selecting the video for the rear display on page 128.

02 Changing the display order of source keys Basic operation You can change the display order of source keys on the source list. 1 Press the HOME button to display the Top menu screen. 2 Touch the AV operation key. Turning off the AV source Turn off the AV source to stop playing or receiving the AV source. 1 Press the HOME button to display the Top menu screen. The AV source is turned off. Changing the display order of source icons You can change the display order of source icons on the AV source selection screen. 1 Press the HOME button to display the Top menu screen. The source keys can be moved. 5 Drag the source key to the desired position.

P If the source key is moved, the source icons displayed on the Top menu screen and the AV source screen are also moved. 3 Touch and hold a source icon, and drag the icon to the desired position. P If the source icon is moved, the order of the source list is also changed. Using the touch panel You can operate this product by touching the marks and items (touch panel keys) displayed on the screen directly with your fingers. P To protect the LCD screen from damage, be sure to touch the touch panel keys only with your finger and do so gently. Engb 21 Chapter 02 Basic operation Using the common touch panel keys 1 2 1 You can change the playback point by dragging the key. P Playback time corresponding to the position of the key is displayed while dragging the key. Operating the on-screen keyboard 1 2 1 Returns to the previous screen. 2 Closes the screen. 3 8 7 2 6 1 Displays the characters that are entered. If there is no text in the box, an informative guide with text appears. 2 Allows you to move the cursor to the right or left for a number of characters equivalent to the number of touches. 3 Touching the keys enters the characters in the text box. 4 Deletes the input text one letter at a time, beginning at the end of the text. Continuing to touch the key deletes all of the text.

5 Confirms the entry and allows you to proceed to the next step. 6 You can leave spaces. A space equivalent to the number of touches is inserted. 7 Switches between alphabet and numbers/ symbols. 8 You can switch between capital and lower case letters.

Operating list screens 1 4 5 3 1 Touching an item on the list allows you to narrow down the options and proceed to the next operation. 2 Appears when all characters are not displayed on the display area. If you touch the key, the rest of the characters are scrolled for display. 3 Appears when items cannot be displayed on a single page only. Drag the scrubber bar to view any hidden items. Also, you can drag the list to view any hidden items. Operating the time bar 1 22 Engb Chapter Registering and connecting a Bluetooth device If your devices feature Bluetooth® technology, this product can be connected to your devices wirelessly. This section describes how to set up a Bluetooth connection. For details about connectivity with the devices featuring Bluetooth wireless technology, refer to the information on our website. Registering and connecting a Bluetooth device Searching for nearby Bluetooth devices The system searches for available Bluetooth devices near this product, displays them in a list, and registers them for connection.

P When the device is already connected, this function is inactive. 1 Activate the Bluetooth wireless technology on your devices. P For some Bluetooth devices, no specific action is necessary to activate Bluetooth wireless technology. For details, refer to the instruction manual of your devices. Preparing communication devices This product has a built-in function that enables using devices featuring Bluetooth wireless technology. = For details , refer to Notes for hands-free phoning on page 34. You can register and use devices that feature the following profiles with this product. SPP (Serial Port Profile) p When this product is turned off, the Bluetooth connection is also disconnected. When the system restarts, the system automatically attempts to reconnect the previously-connected device. Even when the connection is severed for some reason, the system automatically reconnects the specified device (except when the connection is severed due to device operation).

2 Press the HOME button to display the Top menu screen. 3 Touch the following keys in the following order. Registering your Bluetooth devices You need to register your devices featuring Bluetooth wireless technology when you connect it to this product for the first time. A total of three devices can be registered. Two registration methods are available: ! searching for nearby Bluetooth devices ! Pairing from your Bluetooth devices p If three devices are already paired, "Memory Full" is displayed and pairing cannot The system searches for Bluetooth devices waiting for a connection and displays them in the list if a device is found.

P Up to 30 devices will be listed in the order that the devices are found. Engb 23 Chapter 03 Registering and connecting a Bluetooth device 6 Wait until your Bluetooth device appears in the list. P If you cannot find the Bluetooth device that you want to connect, check that the device is waiting for a Bluetooth wireless technology connection. # If you touch the following key, you can switch the display between the device names and Bluetooth device addresses.

Switches between the device names and Bluetooth device addresses.

7 Touch the Bluetooth device name you want to register. P If your device supports SSP (Secure Simple Pairing), a six-digit number appears on the display of this product. Touch [Yes] to pairing the device. p If the connection fails , "Error" is displayed. In such cases, try again from the beginning. P The PIN code is set to "0000" as the default, but can be changed. = For details, refer to Entering the PIN code for Bluetooth wireless connection on page 26. P Once the connection is established, the device name is displayed. touch the device name to disconnect. Pairing from your Bluetooth devices You can register a Bluetooth device by setting this product to standby mode and requesting a connection from the Bluetooth device.

P Before registration, make sure that "Visibility" in the "Bluetooth" menu is set to "On". = For details , refer to Switching visibility on page 26. 1 Activate the Bluetooth wireless technology on your devices. P For some Bluetooth devices, no specific action is necessary to activate Bluetooth wireless technology. For details, refer to the instruction manual of your devices. After the device is successfully registered, a Bluetooth connection is established from the system. The profile icons in the registered device list screen are displayed and illuminated as follows. Illuminates when your mobile device is successfully connected with the HFP (Hands-Free Profile). Illuminates when your audio device is successfully connected with the A2DP (Advanced Audio Distribution Profile)/AVRCP (Audio/ Video Remote Control Profile). Illuminates when the Bluetooth connection is established with the SPP (Serial Port Profile).

2 Use the Bluetooth setting in the device to pair this product with the device.) When the device is successfully registered, the connection settings are made from the device. P If registration fails, repeat the procedure from the beginning. Connecting to a Bluetooth device automatically If this function is set to on, a connection between your Bluetooth device and this product will take place automatically as soon as the two devices are less than a few metres apart. initially , this function is set to on.

P If this function is set to on, a connection with the last connected Bluetooth device will be established automatically when the ignition switch is turned on. P After pairing, the phone book registered in the device may be automatically transmitted to this product. 24 Engb Chapter Registering and connecting a Bluetooth device 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. 2 Touch the following keys in the following order.

4 If your Bluetooth device is ready for a Bluetooth wireless connection, a connection to this product will automatically be established. # To turn automatic connection off, touch [Auto Connect] again. P Once the connection is established for the first time, the connection with the device will be established automatically when the ignition switch is turned on from the next time. Connecting a registered Bluetooth device manually Connect the Bluetooth device manually in the following cases: ! Two or more Bluetooth devices are registered, and you want to manually select the device to be used. Connection cannot be established automatically for some reason. If you wish to start the connection manually, carry out the following procedure. 1 Activate the Bluetooth wireless technology on your devices. P For some Bluetooth devices, no specific action is necessary to activate Bluetooth wireless technology. For details, refer to the instruction manual of your devices. Deleting a registered device When you have already registered three Bluetooth devices and you want to add another one, you must first delete one of the registered devices.

P If a registered phone is deleted, all the phone book entries and call history lists that correspond to the phone will be also cleared. CAUTION Never turn this product off while the paired Bluetooth device is being deleted. 2 Press the HOME button to display the Top menu screen. 1 Press the HOME button to display the Top menu screen. Engb 25 Chapter 03 Registering and connecting a Bluetooth device 3 Touch the following keys in the following order. 2 Touch the following keys in the following order. Stores the PIN code in this product. 5 Touch the name of the device that you want to connect. Switching visibility This function sets whether or not to make this product visible to the other device. initially , this function is set to on.

1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. Displaying the Bluetooth device address This product can display its Bluetooth device address. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. the "Bluetooth" screen appears. Entering the PIN code for Bluetooth wireless connection To connect your Bluetooth device to this product via Bluetooth wireless technology, you need to enter a PIN code on your Bluetooth device to verify the connection. The default code is "0000", but you can change it with this function. 1 Press the HOME button to display the Top menu screen. 3 Touch [Device Infromation].

The Bluetooth device address is displayed. Clearing the Bluetooth memory p This setting is available only when you stop your vehicle in a safe place and apply the handbrake. 26 Engb Chapter Registering and connecting a Bluetooth device 2 Touch the following keys in the following order. 03 CAUTION Never turn this product off while the Bluetooth memory is being cleared. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. P Follow the on-screen instructions to finish updating the Bluetooth software. The Bluetooth memory is cleared. # If you do not want to clear the memory, touch [Cancel]. Displaying the Bluetooth software version If this product fails to operate properly, you may need to consult your dealer for repair.

In such cases, you may be asked to specify the software version. Perform the following procedure to check the version on this unit. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. Updating Bluetooth software This function is used to update this product with the latest Bluetooth software. For details on Bluetooth software and updating, refer to our website. P The source is turned off and the Bluetooth connection is disconnected before the process starts. P This setting is available only when you stop your vehicle in a safe place and apply the handbrake. The version of this product's Bluetooth module appears. CAUTION Never turn this product off and never disconnect the phone while the software is being updated.

1 Press the HOME button to display the Top menu screen. Engb 27 Chapter 04 Using hands-free phoning Touch panel keys 6 7 CAUTION For your safety, avoid talking on the phone as much as possible while driving.

If your mobile phone features Bluetooth technology, this product can be connected to your mobile phone wirelessly. Using this hands-free function, you can operate this product to make or receive phone calls. This section describes how to set up a Bluetooth connection and how to operate a mobile phone featuring Bluetooth technology on this product.

For details about connectivity with the devices featuring Bluetooth wireless technology, refer to the information on our website. 1 2 3 4 5 8 Displaying the phone menu Use the Phone icon if you wish to connect a mobile phone to this product for utilisation. ☐ Top menu screen — AV operation screen — On the App control side bar on the AppRadio Mode and MirrorLink screens % Touch the following key. 2 Switches to the phone book list. 3 Switches to the missed, received and dialled call lists.

4 Switches the mode to enter the phone number directly. 8 Displays the alphabet search screen. Reading the screen 1 2 34 5 6 p The "Phone Book" screen appears when using this function for the first time. The screen of the last-used function appears from the next time. 1 2 3 4 5 Menu title Name of the connected mobile phone Battery status of the mobile phone Reception status of the mobile phone Indicates that a Bluetooth telephone is connected. The device number of the connected device is displayed. 6 List display area 28 Engb Chapter Using hands-free phoning Making a phone call You can make a phone call in many different ways. 04 Calling a number in the phone book After finding the number you want to call in the phone book, you can select the entry and make the call. P The contacts on your phone will normally be transferred to this product automatically when the phone is connected. If it is not, use your phone menu to transfer the contacts.

The visibility of this product should be on when you use the "Bluetooth" menu. = For details , refer to Switching visibility on page 26. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. Direct dialling 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. 3 Touch the desired name on the list. The details screen of the phone book appears. 4 Touch the phone number you want to dial. P To cancel the call, touch .

3 Touch the number keys to enter the phone number. P You may hear a noise when you hang up the phone. Engb 29 Chapter 04 Using hands-free phoning Selecting a number by alphabet search mode If a lot of numbers are registered in the phone book, you can search for the phone number by alphabet search mode. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order.

Dialling from the history The most recent calls made (dialled, received and missed) are stored in the call history list. You can browse the call history list and call numbers from it. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. the "Phone Book" screen appears.

3 Touch the Initial Search Bar to display the alphabet search screen. 4 Touch the first letter of the entry you are looking for. The "Phone Book" entries starting with that letter (e. P When the system language is set to Russian, the following key appears. If you want to change the character, touch the following key repeatedly until the desired character appears. the "History" screen appears. P Depending on the type of mobile phone, some calls may not be displayed in the call history. changes the character. 5 Touch the list to display the phone number list of the selected entry. The details screen of the phone book appears.

If several phone numbers are included in an entry, select one by touching the list. 1 1 Type of call history 6 Touch the phone number you want to dial. P To cancel the call, touch . 30 Engb Chapter Using hands-free phoning 3 Touch the desired entry on the list to make a call. P To cancel the call, touch . 04 2 Touch the following keys in the following order. 3 Touch the desired entry on the list to make a call. P To cancel the call, touch . Using hands-free phoning The call ends. Using the preset dial lists You can dial a number from the preset dial list.

Registering a phone number You can easily store up to six phone numbers per device as presets. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. the call ends. Deleting a phone number 1 Press the HOME button to display the Top menu screen.

2 Touch the following keys in the following order. Registers the phone number to the "Preset Dial" list. Dialling from the preset dial list 1 Press the HOME button to display the Top menu screen. Receiving a phone call You can perform hands-free answering by using this product. Engb 31 Chapter 04 Using hands-free phoning Answering an incoming call This product informs you that it is receiving a call by displaying a message and producing a ring sound.

P You can set the system to automatically answer incoming calls. If this product is not set to automatically answer incoming calls, you will have to answer the calls manually. = For details , refer to Answering a call automatically on page 32. P The registered name appears if the phone number of the received call is already registered in "Phone Book". Changing the phone settings Answering a call automatically This product automatically answers incoming calls to the connected mobile phone, so you can answer calls while driving without taking your hands off the steering wheel. When "Auto Answer" is set to "On", an incoming call will be automatically answered in 5 seconds. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. rejects an incoming call. The rejected call is recorded in the missed call history list.

Off (default): Turns the automatic answering off. Minimising the dial confirmation screen p The dial confirmation screen cannot be minimised on the AV operation screen. P AV sources cannot be selected even if the dial confirm screen is minimised while talking on the phone. Switching the ring tone You can select whether or not to use this product's ring tone. If this function is set to on, the ring tone for this product will sound. 32 Engb Chapter Using hands-free phoning 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. 04 Setting the private mode During a conversation, you can switch to private mode (talk directly on your mobile phone). % Touch the following keys to turn private mode on or off. Talk directly on your mobile device Hands-free phoning Adjusting the other party's listening volume To maintain good sound quality, this product can adjust the other party's listening volume.

If the volume is not loud enough for the other party, use this function. Inverting names in the phone book When your device is connected to this product, the first and last names of your contacts may be registered to the phone book in reverse order.

You can use this function to change the order back. (Inverting the names in the phone book) 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order.

P This function can be performed even while talking on the phone. P Settings can be stored for each device. In such cases, try again from the beginning. P Inverting the names of your contacts from this product does not affect the data on your Bluetooth device. Using the voice recognition function (for iPhone) You can use the voice recognition function of iPhone.

p When an iPhone running iOS 6. 1 or higher is used, Siri Eyes Free Mode is available with this product. 1 Press the HOME button to display the Top menu screen. Engb 33 Chapter 04 Using hands-free phoning 2 Touch the following keys to start voice control. ! With mobile phones, phone book transfer may not work even though your phone is paired with this product. In that case, disconnect your phone, and then perform pairing again from your phone to this product. Making and receiving calls ! You may hear a noise in the following situations: — When you answer the phone using the button on the phone. ▯ When the person on the other end of the line hangs up the phone. ! If the person on the other end of the line cannot hear the conversation due to an echo, decrease the volume level for handsfree phoning. This may reduce the echo.

! With some mobile phones, even if you press the accept button on the mobile phone when a call comes in, hands-free phoning may not be performed. ! The registered name appears if the phone number of the received call is already registered in the phone book. When one phone number is registered under different names, only the phone number is displayed. ! If the phone number of the received call is not registered in the phone book, the phone number of the received call appears. The received call and the dialled number histories ! You cannot make a call to the entry of an unknown user (no phone number) in the received call history. ! If calls are made by operating your mobile phone, no history data will be recorded in this product. phone book transfers ! If there are more than 800 phone book entries on your mobile phone, not all entries may download completely. ! With some mobile phones, it may not be possible to transfer all items in the phone book at one time. In this case, transfer items one by one from your mobile phone. The voice recognition function launches and the voice control screen appears.

You can use the voice recognition function in the same way as using it on the iPhone. P You can also launch the voice recognition function by pressing and holding the HOME button. Indicates that this product is on standby for your voice commands. The line-of-sight distance between this product and your mobile phone must be 10 metres or less when sending and receiving voice and data via Bluetooth technology. However, the actual transmission distance may be shorter than the estimated distance, depending on the usage environment.

! With some mobile phones, the ring sound may not be output from the speakers. ! If private mode is selected on the mobile phone, hands-free phoning may be disabled. registration and connection ! Mobile phone operations vary depending on the type of mobile phone. Refer to the instruction manual that came with your mobile phone for detailed instructions. 34 Engb Chapter Using hands-free phoning ! Depending on the mobile phone, this product may not display the phone book correctly.

(Some characters may be garbled, or the order of first and last names may be reversed.) ! If the phone book in the mobile phone contains image data, the phone book may not be transferred correctly. (Image data cannot be transferred from the mobile phone.) ! Depending on the mobile phone, phone book transfer may not be available. 04 Engb 35 Using hands-free phoning Chapter 05 iPod / iPhone or smartphone setup operation When using an iPod / iPhone or a smartphone with this product, configure the settings of this product according to the device to be connected. This section described the settings required for each device. P Configure the settings correctly according to the device to be connected and the connection method to be used. = For details, refer to Information on the connections and functions for each device on page 38. P If you change the setting, the confirmation screen appears. touch [OK].

The setting will change after the following processes are automatically executed. The basic flow of iPod / iPhone or smartphone setup 1 Select the method for connecting your device. = For details , refer to Setting the device connection method on page 36. 2 Connect your device to this product. = For details of the connections, refer to the Installation Manual. 3 If necessary, connect your device to this product via Bluetooth connection. = For details of the Bluetooth connection , refer to Chapter 3. IPod compatibility Setting the device connection method If you want to use the application for iPhone or smartphone on this product, you must select the method for connecting your device. Settings are required according to the connected device. 1 Press the HOME button to display the Top menu screen.

2 Touch the following keys in the following order. This product supports only the following iPod models and iPod software versions. Others may not work correctly. 36 Engb Chapter iPod / iPhone or smartphone setup operation p You can connect and control an iPod compatible with this product by using separately sold connector cables. P Operation methods may vary depending on the iPod model and the software version of the iPod.

P Depending on the software version of the iPod, it may not be compatible with this product. For details about iPod compatibility with this product, refer to the information on our website. This manual applies to the following iPod models. IPod nano 7th generation For details about Android device compatibility with this product, refer to the information on our website. P Compatibility with all MirrorLink devices is not guaranteed.

For details about MirrorLink device compatibility with this product, refer to the information on our website. IPod / iPhone or smartphone setup operation Android™ device compatibility p Operation methods may vary depending on the Android device and the software version of the Android OS. P Depending on the version of the Android OS, it may not be compatible with this product. P Compatibility with all Android devices is not guaranteed. Engb 37 Chapter 05 iPod / iPhone or smartphone setup operation Information on the connections and functions for each device The settings and cables required for connecting each device, and the available sources are as follows. IPod / iPhone with a 30-pin connector Required cable (sold separately) Device Smartphone Setup Connection Bluetooth connection Wireless via BT Bluetooth connection is required for using aha. IPhone/iPod CD-IU201V iPhone/iPod CD-IU201S iPhone/iPod Connection requirement iPod (audio) iPod (video) Available source aha AppRadio Mode iPod / iPhone with a Lightning connector Connect to USB port 1 for using aha.

▯ — 1 1 Connection requirement iPod (audio) iPod (video) Available source aha AppRadio Mode 38 Engb Chapter iPod / iPhone or smartphone setup operation iPod / iPhone with a Lightning connector iPod is not available. Please use the CarMediaPlayer to play music or videos in AppRadio Mode. (*1) 05 Remarks — — (*1) Install the CarMediaPlayer app on your iPod or iPhone.

= For details about the CarMediaPlayer, refer to the information on our website. = Refer to the CarMediaPlayer manual for more information. Others CD-AH200 Others CD-MU200 Others iPod / iPhone or smartphone setup operation Connection requirement aha Available source AppRadio Mode MirrorLink Engb 39 Chapter 06 Using the radio You can listen to the radio using this product. This section describes operations for the radio. = For details , refer to Selecting a preset channel from the preset channel list on page 42. A Recalls the preset channel stored to a key from memory with a single touch of the key. Stores the current broadcast frequency to a key for later recall by continuing to touch the key. using the touch panel keys 1 2 3 4 5 a 6 7 9 8 = For details , refer to Storing broadcast frequencies on page 42. Reading the screen 1 2 1 Displays the source list. @@2 Current time and date 3 Programme service name indicator Shows the programme service name (station name) of the current station.

4 Radio text display area Displays the radio text currently being received. 5 Song information Shows the title of the current song and/or the artist name for the current song (when available). 6 iTunes® tagging song status indicator 40 Engb Chapter Using the radio Shows the status of the song information stored in this product. 06 Selecting a band % Touch the following key repeatedly until the desired band appears. Indicator Meaning Appears when the song information tag is stored in this product.

Appears when the song information tag is being transferred to an iPod. P This function is convenient for preparing different preset lists for each band. Using the radio 7 iTunes® tagging indicator Indicates songs that are capable of iTunes tagging. Manual tuning % Touch the following keys to tune manually. Moves down one step at a time.

p The icon is displayed on all operation screens of AV sources. Indicator Meaning Appears when this product receives an iTunes song tag that can be stored and then downloaded to an iPod for later purchase. Flashes when this product is storing song tag information. moves up one step at a time. P This function is convenient for preparing different preset lists for each band. 8 Preset number indicator Highlights the selected preset item. Seek tuning % Touch and hold one of the following keys for about one second and then release. Scans frequencies until it finds a broadcast strong enough for good reception. You can cancel seek tuning by touching either key briefly. If you keep holding either key, you can skip broadcasting frequencies.

Seek tuning will start when you release the key. Starting procedure 1 Display the AV source selection screen. = For details of the operations, refer to Displaying the AV operation screen on page 20. 3 Use the touch panel keys on the screen to control the radio. = For details, refer to Using the touch panel keys on page 40. Engb 41 Chapter 06 Using the radio Selecting a preset channel from the preset channel list Once you have stored broadcast channels, you can easily recall preset channels from memory with a single touch of a key. P Up to 18 FM stations, six for each of the three FM bands, as well as six MW/LW stations, can be stored in memory. Storing the strongest broadcast frequencies BSM (best stations memory) function automatically stores the six strongest broadcast frequencies under the preset tuning keys "1" to "6" and, once stored there, you can tune into them with the touch of a key. P Storing broadcast frequencies with BSM may replace broadcast frequencies you have already saved. P Previously stored broadcast frequencies may remain stored if the number of strong broadcast frequencies stored has not reached the limit.

While the message is displayed, the six strongest broadcast frequencies will be stored under the preset tuning keys "1" to "6" in order of their signal strength. When this is complete, the message disappears. # If you touch [Cancel], the storage process is cancelled. 1 1 Preset channel list display key 2 Touch the item on the list ("1" to "6") to switch to a channel registered as a preset channel. P If you touch the preset channel list display key while the preset channel list is displayed, the list disappears and the preset tuning keys are displayed.

Storing broadcast frequencies With a touch of any of the preset tuning keys ("1" to "6"), you can easily store up to six broadcast channels for later recall (also with the touch of a key). The next time you touch the same preset tuning key "1" to "6", the service component is recalled from memory. Tuning into strong frequencies p This setting is available only when "Radio" is selected as the source. Local seek tuning allows you to only tune into those radio stations with sufficiently strong signals for good reception. 1 Press the HOME button to display the Top menu screen.

42 Engb Chapter Using the radio 2 Touch the following keys in the following order. TA (traffic announcement standby) lets you receive traffic announcements automatically, no matter what source you are listening to. TA can be activated for both a TP station (a station that broadcasts traffic information) or another enhanced network's TP station (a station carrying information that cross-references TP stations). 1 Press the HOME button to display the Top menu screen. 6 Touch the item you want to set. fM ! Off (default): Turns the seek tuning setting off. ! Level1: Sets the level of sensitivity for FM to level 1. ! Level2: Sets the level of sensitivity for FM to level 2. ! Level3: Sets the level of sensitivity for FM to level 3. ! Level4: Sets the level of sensitivity for FM to level 4.

2 Touch the following keys in the following order. Off (default): Does not receive traffic announcements automatically. Off (default): Turns the seek tuning setting off. ! Level1: Sets the level of sensitivity for MW/LW to level 1. ! Level2: Sets the level of sensitivity for MW/LW to level 2. P The FM "Level4" (MW/LW "Level2") setting allows reception of only stations with the strongest signals, while lower settings allow reception of those with weaker signals. 6 Tune into a TP station or another enhanced network's TP station. 7 Use the VOL (+/–) button to adjust the TA volume when a traffic announcement begins. The newly set volume is stored in memory and recalled for subsequent traffic announcements. P You can cancel the news programme by changing the source. P The system switches back to the original source following traffic announcement reception.

Receiving traffic announcements p This function can only be used on the FM band. Engb 43 Chapter 06 Using the radio p Only TP stations and other enhanced networks' TP stations are tuned in during seek tuning or BSM when the TA function is on. Tuning into alternative frequencies p This function can only be used on the FM band. If you are listening to a broadcast and the reception becomes weak or there are other problems, this product will automatically search for a different station in the same network that is broadcasting a stronger signal.

1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. Using news programme interruption p This function can only be used on the FM band. When a news programme is broadcast from a PTY code news station, this product can switch from any station to the news broadcast station. When the news programme ends, reception of the previous programme resumes.

1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. P Only RDS stations are tuned in during seek tuning or BSM when AF is on. P When you recall a preset station, the tuner may update the preset station with a new frequency from the station's AF list. No preset number appears on the display if the RDS data for the station received differs from that for the originally stored station. P Sound may be temporarily interrupted by another programme during an AF frequency search. P AF can be turned on or off independently for each FM band. Off (default): Deactivates the news programme interruption function. P You can cancel the news programme by changing the source. 44 Engb Chapter Using the radio Limiting stations to regional programming p This function can only be used on the FM band.

When AF (alternative frequency) is used to automatically retune frequencies, the regional function limits the selection to stations broadcasting regional programmes. 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. Broadcast and the reception becomes weak, this product will automatically search for a different station with the same programming. 06 Activating the Auto PI seek for preset stations This product can automatically search for a different station with the same programming, even during preset recall. P "Auto PI" can be set only when the source is selected to "OFF". 1 Press the HOME button to display the Top menu screen. 2 Touch the following keys in the following order. P Regional programming and regional networks are organised differently depending on the country (i. e.

They may change according to the time, country or broadcast area). P The preset number on the display may disappear if the tuner tunes into a regional station that differs from the originally set station. P The regional function can be turned on or off independently for each FM band. Off (default): Deactivates the Auto PI seek function. Switching the sound quality of the FM tuner p This function can only be used on the FM band.

You can select the sound quality from the three settings according to the circumstances of use. 1 Press the HOME button to display the Top menu screen. Switching Auto PI seek If this product fails to find a suitable alternative frequency, or if you are listening to a Engb 45 Chapter 06 Using the radio 2 Touch the following keys in the following order. 6 Touch the item you want to set. Stable: Switches to settings that prioritise noise prevention.

! Hi-Fi: Switches to the settings that give priority to the sound quality. Storing song information to an iPod (iTunes Tagging) p For details, refer to Storing song information to an iPod (iTunes Tagging) on page 125. Operating with the hardware buttons Press the TRK button You can move the preset channels up or down. Press and hold the TRK button You can perform seek tuning. 46 Engb Chapter Playing a disc You can play a normal music CD, Video-CD or DVD-Video using the built-in drive of this product. This section describes these operations. 07 Using the touch panel keys (for video) Example: DVD Playback screen (page 1) CAUTION For safety reasons, video images cannot be viewed while your vehicle is in motion. To view video images, you must stop in a safe place and apply the handbrake. 1 2 3 4 f g h 7 6 k8 9 Playback screen (page 2) Using the touch panel keys (for audio) Example: CD Playback screen (page 1) m l b j 8i Playing a disc 1 2 3 4 5 6 r b a 8 9 8 7 q e p o n 1 Displays the source list. Playback screen (page 2) @@5 Selects a track from the list.

7 Switches to the next or previous page of touch panel keys. 8 Skips files forward or backward. Engb 47 Chapter 07 Playing a disc 9 Changes the playback point by dragging the key. = For details, refer to Switching the media file type on page 50. = For details, refer to Operating the DVD menu using touch panel keys on page 52. F Searches for the part you want to play. = For details, refer to Searching for the part you want to play on page 51. g Hides the touch panel keys. Touching this area hides the touch panel keys. Reading the screen (for audio) Example: CD 1 p Touch anywhere on the LCD screen to display the touch panel keys again.

= For details, refer to Switching the subtitle language on page 51. j Switches the audio language. 3 = For details, refer to Switching the audio language on page 52. M Moves ahead one frame (frame-by-frame playback) or slows down playback speed (slow-motion playback). N Performs an operation (such as resuming) that is stored on the disc.

48 Engb Chapter Playing a disc Reading the screen (for video) Example: DVD 1 5 4 Shows the elapsed playing time within the current file. Track number indicator Shows the number of the track currently playing (when available). Audio channel indicator Shows the current audio channel type, such as "Mch" (Multi-channel). Digital sound format indicator Shows which digital sound format (surround sound format) has been selected. sampling frequency indicator Shows the sampling frequency currently playing.

Title number indicator Shows the title number currently playing. Chapter number indicator Shows the chapter number currently playing. PBC ON indicator Indicates that a disc with PBC On is being played. 07 9 8 5 6 7 6 7 3 Playing a disc Example: Video CD 1 8 9 a 4 a Starting procedure 1 Display the AV source selection screen. = For details of the operations, refer to Displaying the AV operation screen on page 20. 3 1 Current time and date 2 Playback condition indicator Indicates the current playback condition. Playing tracks in random order Indicator Meaning Does not play tracks in random order. Plays all tracks in the current disc in random order. 2 Insert the disc you want to play into the disc-loading slot. The source changes and then playback will start.

= For details , refer to Inserting and ejecting a disc on page 15. P If the disc is already set, touch [Disc] on the source list or on the AV source selection screen.

@@= For details, refer to Selecting a front source on the AV source selection screen on page 20. Setting a repeat play range Indicator Meaning Repeats just the current track. 3 Use the touch panel keys on the screen to control the disc. = For details, refer to Using the touch panel keys (for audio) on page 47. = For details, refer to Using the touch panel keys (for video) on page 47. repeats the current disc. 3 Play time indicator Engb 49 Chapter 07 Playing a disc Selecting files from the file name list You can select tracks to play back using the track title list which is a list of the tracks recorded on a disc. 1 Touch the following key.

Displays a list of the tracks recorded on the disc. 2 Touch a track on the list to play back. P If you turn random play on when the repeat play range is set to the whole of the current disc, the repeat play range changes to the current track automatically. P If you turn random play on when the repeat play range is set to the current track, the repeat play range changes to the whole of the current disc automatically. P When random play is turned on, you can change the repeat play range from the whole of the current disc to the current track.

! Playing tracks in random order All tracks on the disc can be played at random by only touching a single key. % Touch the following key repeatedly until the desired setting appears. Turns random play on or off. Switching the media file type When playing a digital media containing a mixture of various media file types you can switch between media file types to play. 1 Touch the following key.

Displays the pop-up menu for selecting a media file type to play on the disc. : Plays all tracks in the current repeat play range in random order. P If you turn random play on when the repeat play range is set to the current track, the repeat play range changes to the whole of the current disc automatically. 2 Touch the item you want to set. ! Music: Switches the media file type to music (compressed audio). ! Video: Switches the media file type to video. ! CD-DA: Switches the media file type to CD (audio data (CD-DA)). Setting a repeat play range The repeat play range can be changed by only touching a single key. % Touch the following key repeatedly until the desired setting appears. Changes the repeat play range.

audio ! (default): 50 Engb Chapter Playing a disc Searching for the part you want to play You can use the search function to find the part you want to play. P Chapter search and time search are not available when disc playback has been stopped. 1 Touch the following key. Displays the screen for direct number search. 07 2 Touch the following key. Displays the touch panel keys to operate the DVD menu. 3 Touch the desired menu item. Switching the subtitle language You can switch the subtitle language while a disc is playing when the disc has multilingual data (multi-subtitle). % Touch the following key repeatedly until the desired setting appears. changes the subtitle language.

You can also switch between subtitle languages using the "DVD/ DivX Setup" menu. P To cancel an input number, touch [Clear]. To cancel the input numbers, touch and hold [Clear]. 4 Touch the following key. Registers the numbers and starts playback.

Operating the DVD menu You can operate the DVD menu by touching the menu item on the screen directly. P This function may not work properly with some DVD disc content. In that case, use touch panel keys to operate the DVD menu. 1 Touch the screen to display the touch panel keys. Engb 51 Chapter 07 Playing a disc Switching the audio language You can switch the audio language while a disc is playing when the disc has multilingual data (multi-audio). % Touch the following key repeatedly until the desired setting appears. changes the audio language. You can also switch between audio languages using the "DVD/DivX Setup" menu. = For details , refer to Setting the top-priority languages on page 116. Returning to a specified scene When using a disc that has a point recorded that indicates where to return to, the disc returns to the specified point and begins playback from there. This function cannot be used if a specified scene has not been preprogrammed on the disc. Returns to the specified point and begins playback from there. Frame-by-frame playback This lets you move ahead one frame at a time during pause. % Touch [r] during pause. Each time you touch [r], you move ahead one frame.

P To return to normal playback, touch [d/e]. P With some discs, images may be unclear during frame-by-frame playback. p The specified point differs depending on the disc. Resuming playback (Bookmark) The Bookmark function lets you resume playback from a selected scene the next time the disc is loaded. % Touch the following key. Slow motion playback This lets you slow down the playback speed. 1 Touch and hold [r] until an arrow icon is displayed during playback. The arrow icon is displayed, and forward slow motion playback begins. P To return to normal playback, touch [d/e]. Bookmarks one point for each of up to five discs.

2 Touch [r] to adjust playback speed during slow motion playback. Each time you touch [r] it changes the speed in four steps in the following order: 1/16 d 1/8 d 1/4 d 1/2 p If you try to memorise another point for the same disc, the older bookmark will be overwritten by the newer one. P To clear the bookmark on a disc, touch and hold this key. p The oldest bookmark is replaced by the new one. P There is no sound during slow motion playback.

P With some discs, images may be unclear during slow motion playback. P Reversed slow motion playback is not possible. Engb Operating the DVD menu using touch panel keys If items on the DVD menu appear, the touch panel keys may overlay them. if so , select an item using those touch panel keys. 52 Chapter Playing a disc 1 Touch the following keys to select the desired menu item.

selects the left menu item. 07 % Touch the following key repeatedly until the desired setting appears. switches between viewing angles. During the playback of a scene shot from multiple angles, the angle icon is displayed. Turn the angle icon display on or off using the "DVD/DivX Setup" menu. Playing a disc p If the touch panel keys for DVD menu selection disappear, touch anywhere on the screen, and then touch . The touch panel keys are displayed again. Selecting the audio output When playing DVDs recorded with LPCM audio, you can switch the audio output. % Touch the following key repeatedly until the desired setting appears. Starts playback from the selected menu item.

P The way to display the menu differs depending on the disc. # If you touch , the touch panel keys disapicon is displayed. You can select pear and the a menu item by touching it. Switching the multi-angle DVD display With DVDs featuring multi-angle recordings (scenes shot from multiple angles), you can switch among viewing angles during playback. L+R: Left and right Left: Left Right: Right Mix: Mixing left and right This function is not available when disc playback has been stopped.