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You can read the recommendations in the user guide, the technical guide or the installation guide for ALPINE CDA-7893. You'll find the answers to all your questions on the ALPINE CDA-7893 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ALPINE CDA-7893
User guide ALPINE CDA-7893
Operating instructions ALPINE CDA-7893
Instructions for use ALPINE CDA-7893
Instruction manual ALPINE CDA-7893



FM/AM CD Player FM/AM CD Receiver
CDA-7995/CDA-7894

MP3 MX COMPACT DISC DIGITAL AUDIO ((XM)) READY

FM/AM CD Receiver
CDA-7893/CDA-7892

MX COMPACT DISC DIGITAL AUDIO ((XM)) READY

EN

FR

ES

- OWNER'S MANUAL
Please read before using this equipment.
- MODE D'EMPLOI
Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
Léalo antes de utilizar este equipo.

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Manual abstract:

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: 01908-61 15 56 ALPINE ELECTRONICS DE ESPAÑA, S.A. Portal De Gamarra 36, Pabellón 32 01013 Vitoria (Alava)-Apdo. 133, Spain Tel.: 34-45-283588 SE Melyi Printing Factory, Dalian, China No. 28 Chang Qing Street, XI Gang District, Dalian, China Designed by ALPINE Japan Printed in China (Y) 68P01434K99-A CHA-S634 · CD changer for CDA-7995/CDA7894/CDA-7893/CDA-7892. · Changeur CD pour CDA-7995/CDA7894/CDA-7893/CDA-7892. · Cambiador de CD para CDA-7995/ CDA-7894/CDA-7893/CDA-7892. CHA-1214 · CD changer for CDA-7995/CDA7894/CDA-7893/CDA-7892. · Changeur CD pour CDA-7995/CDA7894/CDA-7893/CDA-7892. · Cambiador de CD para CDA-7995/ CDA-7894/CDA-7893/CDA-7892. CHM-S630 Alpine CD Changers Give You More! More musical selections, more versatility, more convenience. The CHA-S634 is a high-performance 6-disc changer with a new M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK and CD TEXT. The CHA-1214 Ai-NET model holds 12 discs, and the CHM-S630 M-Bus model is a super-compact 6-disc changer with a CD-R/RW PLAY BACK. Changeurs de CD Alpine : vous avez le choix! Plus de sélections musicales, plus de souplesse, plus de confort. Le modèle CHA-S634 est un changeur 6 disques ultra performant équipé des nouvelles fonctions M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK et CD TEXT. Le modèle CHA-1214 Ai-NET contient 12 disques. Le modèle CHM-S630 M-Bus est un changeur 6 disques super compact doté de la fonction CD-R/RW PLAY BACK. ¡Los cambiadores Alpine de CD le ofrecen más! Más selecciones musicales, más versatilidad y más ventajas. CHA-S634 es un cambiador de seis discos de alto rendimiento con nuevo M DAC, CD-R/RW PLAY BACK, MP3 PLAY BACK y CD TEXT. El modelo CHA-1214 Ai-NET alberga 12 discos y el modelo CHM-S630 M-Bus es un cambiador de seis discos de tamaño reducido con un CD-R/RW PLAY BACK. ENGLISH Contents Operating Instructions WARNING WARNING

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..... 35 2-EN WARNING WARNING This symbol means important instructions. Failure to heed them can result in serious injury or death. CAUTION This symbol means important instructions. Failure to heed them can result in injury or material property damage. DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident. HALT USE IMMEDIATELY IF A PROBLEM APPEARS. Failure to do so may cause personal injury or damage to the product.

Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing. DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY. When inserting the batteries, be sure to observe proper polarity (+ and) as instructed. Rupture or chemical leakage from the battery may cause fire or personal injury.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISE WHILE DRIVING. Failure to do so may result in an accident. MINIMIZE DISPLAY VIEWING WHILE DRIVING. Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident. KEEP FINGERS AWAY WHILE THE MOTORIZED FRONT PANEL OR MOVING MONITOR IS IN MOTION. Failure to do so may result in personal injury or damage to the product. DO NOT DISASSEMBLE OR ALTER. Doing so may result in an accident, fire or electric shock. USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND. (Check with your dealer if you are not sure.

) Failure to do so may result in fire, etc. PRECAUTIONS Temperature Be sure the temperature inside the vehicle is between +60°C (+140°F) and 10°C (+14°F) before turning your unit on.



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KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN. Swallowing them may result in serious injury. If swallowed, consult a physician immediately. Moisture Condensation You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate. **USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.** Failure to do so may result in fire or electric shock. Damaged Disc Do not attempt to play cracked, warped, or damaged discs.

Playing a bad disc could severely damage the playback mechanism. **DO NOT BLOCK VENTS OR RADIATOR PANELS.** Doing so may cause heat to build up inside and may result in fire. **USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.** Use for other than its designed application may result in fire, electric shock or other injury.

Maintenance If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing. **DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.** Doing so may result in personal injury or damage to the product. **3-EN WARNING PRECAUTIONS** Never Attempt the Following Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.

Do not attempt to insert a disc into the unit when the unit power is off. **Correct Handling** Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc. **CORRECT INCORRECT CORRECT** Inserting Discs Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc. Make sure the label side is facing up when you insert the disc. Your player will automatically eject any disc that is inserted incorrectly. If the player continues to eject a correctly inserted disc, push the **RESET** switch with a pointed object such as a ballpoint pen.

Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player. **Disc Cleaning** Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth. **Front Panel** and the main unit. Attaching the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake. Keep hands (or any other object) away from the display while it is opening or closing to avoid damage or injury. @@This is not a malfunction. Do not touch. **5-EN Basic Operation** Displaying Time g **DN BAND MODE** (Rotary encoder) 1 Press the **CLK** (clock) button repeatedly until the time is displayed. Each press changes the modes as follows:

Radio mode Radio frequency Clock priority **TITLE mode** mode **CD Player/Changer modes** f **UP X-OVER CENTER** f **CLK MUTE DISC TEXT** * Playing time Clock priority mode mode mode **TITLE mode** Adjusting Volume/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat **TEXT mode TRACK** * **NOTES** · Selecting any tuner or CD function while in the clock priority mode will interrupt the time display momentarily. The function selected will be displayed for about 5 seconds before the time returns to the display.

· When the power is off but the ignition key is on, press the **CLK** button to display the time. · For CDA-7893/CDA-7892 models, the display above is shown with a **CD-TEXT** compatible changer connected. 1 Press the **MODE** (Rotary encoder) button repeatedly to choose the desired mode. Each press changes the modes as follows: **BALANCE FADER DEFEAT SUBWOOFER* VOLUME** Volume : 0 ~ 35 Balance : L15 ~ R15 Fader: R15 ~ F15 Subwoofer: 0 ~ +15 Setting Time 1 2 3 4 In the Clock priority mode, press and hold the **CLK** (clock) button for at least 3 seconds while the time is displayed. The time indication will blink.

Turn the Rotary encoder to adjust the hours while the time indication is blinking. When the hour has been adjusted, press the Rotary encoder. Turn the Rotary encoder to adjust the minutes while the time indication is blinking. The time is automatically set 5 seconds after the minute adjustment. The time can also be manually set by pressing the Rotary encoder.

NOTES · If the **MODE** button is not pressed within 5 seconds after selecting the **BALANCE, FADER, DEFEAT** or **SUBWOOFER** mode, the unit automatically returns to the **VOLUME** mode. · *When the subwoofer mode is **OFF**, its level cannot be adjusted. 2 Turn the Rotary encoder until the desired sound is obtained in each mode. By setting **Defeat ON**, previously adjusted settings of **BASS, TREBLE** will return to the factory defaults, but **MX** will be turned off. **NOTE** Depending on the connected devices, some functions and display indications do not work. **Audio Mute Function** Activating this function will instantly lower the volume level by 20 dB. 1 Press the **MUTE** button to activate the **MUTE** mode. The audio level will decrease by about 20 dB. Pressing the **MUTE** button again will bring the audio back to its previous level. **6-EN Setting the Bass Control** You can change the Bass Frequency emphasis to create your own tonal preference.

2-2 Setting the treble Level: Turn the Rotary encoder to select the desired Treble Level (7~+7). You can emphasize the treble frequency. 1 **NOTES** Press the **CENTER** f button to select the **BASS** (bass Center frequency) control mode. **BASS TREBLE** normal mode · If no buttons are pressed within 5 seconds, the Treble control setting will be turned off automatically. · The settings of the Treble Level will be individually memorized for each source (FM, AM, XM, CD, etc.) until the setting is changed. Once you set Treble frequency for one of sources (FM, AM, XM, CD, etc.), this setting becomes effective for all those sources. Depending on the connected devices, some functions and display indications do not work. · This function is inoperable when **DEFEAT** is **ON**.

2-1 Setting the bass Center frequency: Press the g **DN** or f **UP** button to select the desired bass center frequency. 60Hz 70Hz 80Hz 90Hz 180Hz 150Hz 130Hz 100Hz Emphasizes the displayed Bass frequency ranges. Adjusting the built-in Crossover The High and Low Pass Filters on this unit can be adjusted to suit your personal taste. **2-2 Setting the bass Band Width (Q-Factor):** Press the **BAND** button to select the desired bass Band Width. B. Width1 B. Width2 B. Width3 B. Width4 (Wide) ..

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..... (Narrow) Changes the bass boost band width to wide or narrow. A wide setting will boost a wide range of frequencies above and below the center frequency. A narrower setting will boost only frequencies near the center frequency. 1 Press and hold the **X-OVER** button for at least 2 seconds. **HPF** <Press momentarily> **LPF** <Press momentarily> <Press for at least 2 seconds> normal mode When the subwoofer output of this unit is turned **OFF**, **LPF** and phase are deactivated.



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2 1. Press the g DN or f UP button to select the desired setting. HPF (Setting the High Pass Filter): FLAT (OFF) 80Hz 120Hz 160Hz Outputs all frequencies higher than that selected according to your preference. 2-3 Setting the bass Level: Turn the Rotary encoder to select the desired bass Level (7~+7). You can emphasize or weaken the bass frequency. NOTES · If no buttons are pressed within 5 seconds, the Bass control setting will be turned off automatically. · The settings of the Bass Level will be individually memorized for each source (FM, AM, XM, CD, etc.) until the setting is changed. Once you set Bass frequency and Bass Band Width for one of sources (FM, AM, XM, CD, etc.), this setting becomes effective for all those sources.

Depending on the connected devices, some functions and display indications do not work. · This function is inoperable when DEFEAT is ON. 2. LPF (Setting the Low Pass Filter): FLAT (OFF) 80Hz 120Hz 160Hz Outputs all frequencies lower than that selected according to your preference. (Only available when using the subwoofer output from this unit.

) NOTES · If no buttons are pressed within 5 seconds, the setup menu returns to the normal audio display. · These functions are inoperative when an external, Ai-NET processor is connected. · If HPF, LPF, Bass Control and Treble Control are all set to ON, depending on the Bass Control and Treble Control settings, you may not be able to reinforce the sound effect. · Except when the HPF and LPF is turned OFF, the subwoofer is in monaural mode. · When the subwoofer is set to OFF, LPF mode and change of phase does not work.

Setting the Treble Control You can change the Treble Frequency emphasis to create your own tonal preference. 1 Press the CENTER f button to select the TREBLE (treble Center frequency) control mode. BASS TREBLE normal mode 2-1 Setting the treble Center frequency: Press g DN or f UP button to select the desired treble Center frequency. 10.0kHz 12.5kHz 15.0kHz 17.5kHz Emphasizes the displayed Treble frequency ranges. 7-EN Basic Operation Here we calculate the time correction value for the front left speaker in the diagram at the left. BAND Rotary encoder Conditions: Farthest Speaker listening position : 2.

25 m (88-9/16") Front left speaker listening position : 0.5 m (19-11/16") Calculation: $L = 2.25 \text{ m} - 0.5 \text{ m} = 1.75 \text{ m} (68-7/8")$ Time correction = $1.75 \div 343 \times 1000 = 5.1 \text{ (ms)}$ *Speed of sound: 343 m/s (765 mph) at 20°C In other words, giving the front left speaker a time correction value of 5.1 ms makes it seem as if the distance to the front left speaker is the same as the distance to the farthest speaker. The sound is not balanced because the distance between the listening position and the various speakers is different. The difference in distance between the front left speaker and the rear right speaker is 1.

75 m (68-7/8"). Time correction eliminates the differences in the time required for the sound to reach the listening position. The time of the front left speaker is corrected by 5.1 ms so that its sound reaches the listening position at the same time as the sound of other speakers. Example 2.

Listening Position: All Seats Adjust the time correction level of each speaker to almost the same level. T. CORR About the Time Correction The distance between the listener and the speakers in a car vary widely due to the special conditions of the mobile environment. This difference in the distances from the speakers to the listener creates a shift in the sounds image and frequency characteristics. This is caused by the time delay between the sound reaching the listener's right versus the left ear.

To correct this, the CDA-7995/CDA-7894/CDA-7893/CDA7892 is able to delay the audio signal to the speakers closest to the listener. This effectively creates a perception of increased distance for those speakers. The listener can be placed at an equal distance between the left and right speakers for optimum staging.

The adjustment will be made for each speaker in a step of 0.1 ms. Example 1. Listening Position: Front Left Seat Adjust the time correction level of the front left speaker to a high value and the rear right to zero or a low value. 1 2 3 Sit in the listening position (driver's seat, etc.) and measure the distance (in meters) between your head and the various speakers. Calculate the difference between the distance to the farthest speaker and the other speakers.

$L = (\text{distance to farthest speaker}) - (\text{distance to other speakers})$ Divide the distances calculated for the speakers by the speed of sound (343 m/s (765 mph) at 20°C). These values are the time correction values for the different speakers. 5.1ms 0.5m 2.25m Tips * Subwoofer speaker. You cannot change the Time

Correction value for the subwoofer, but you can set the subwoofer's apparent position to the front by adjusting the Time Correction value of the front and rear speakers. For details, refer to the "Tips" on page 9. 8-EN Bass Focus The time difference between the front-rear/left-right speakers, can be adjusted at the same time. With an initial delay of 0.

1 ms for each of the 0 to 99 steps, audible time correction can be done. Example of Steps 2 and 3 Setting (1) After entering corrections for the front (left and right) speakers in STEP 15, the time difference is 1.5 ms for both front-left and front-right speakers. 1 Press the T.CORR button to select the Bass Focus mode.

Bass Focus mode Time correction mode Normal mode 1.5ms 1.5ms 2 Press the BAND button to select the front-rear / leftright speakers. FL FR RR FL FR RR RL RL Front (left-right) speakers Left (front-rear) speakers (2) After entering corrections for the left (front and rear) speakers in STEP 15, the time difference becomes 3.0 ms* for the front left speaker and 1.

5 ms for the left rear speaker. * Because the time difference was already set to 1.5 ms for the front left speaker in STEP 1, the additional correction in STEP 15 makes the time difference of the front left speaker 3.0 ms. FL RL FR RR FL RL FR RR 1.5ms 1.5ms 3.0ms 1.5ms Rear (left-right) speakers Right (front-rear) speakers 1.5ms 3 4 5 Turn the Rotary encoder to adjust the front-rear / leftright delay.

For setting another channel (speaker), repeat the steps 2 and 3. After setting, press the T.CORR to return to the normal mode. Tips * Subwoofer speaker.

Delay (turn the rotary encoder) the audio signal to the front (left and right) speakers to make the apparent position of the subwoofer to be at the front. In doing this, the apparent position between the front (left and right) speakers and subwoofer will appear equal to the driver. After performing above, you can change the positions of left and right speakers by delaying the time. NOTES · Any manual time correction adjustments will also affect corrections made in Bass Focus.



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· Time Correction mode is automatically canceled if no buttons are pressed within 15 seconds. Continued 9-EN Basic Operation Setting the MX Mode SOURCE BAND DISP/B.

OUT Rotary encoder/Q. S. MX (Media Xpander) makes vocals or instruments sound distinct regardless of the music source. The radio, CD, and MP3, will be able to reproduce the music clearly even in cars with a lot of road noise. 1 2 MX T.

CORR Press the MX button to select MX ON. Press the SOURCE button to select the source you want to MX (Media Xpander)-correct. Press and hold the MX button for at least 2 seconds to select the MX mode. Turn the Rotary encoder to select your preferred mode or OFF (NON EFECT). FM (MX level 1 to 3): The medium to high frequencies become more clear, and produces well balanced sound in all the bands.

CD (MX level 1 to 3): CD mode processes a large quantity of data. This data is used to reproduce the sound cleanly by making use of the data quantity.

MP3/XM (MX level 1 to 3): This corrects information that was omitted at the time of compression. This reproduces a well-balanced sound close to the original. DVD (Video CD) (MX level 1 to 2): The dialog portion of the video is reproduced more clearly. DVD (CD) (MX level 1): This disk contains a large quantity of data such as music clip. MX uses this data to reproduce the sound accurately. AUX (MX level 1): Choose the MX mode (MP3, MUSIC, or MOVIE) that corresponds to the media connected. 3 Time Difference Table Number of Steps 0 1 2 3 4 5 6 7 8 9 10 11 12 13 Time Difference (ms) 0.0 0.

1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.

1 1.2 1.3 Number of Steps 14 15 16 17 18 19 20 21 22 23 24 25 26 27 Time Difference (ms) 1.4 1.5 1.

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1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 - 9.

8 9.9 4 Time Correction Before performing the following procedures, refer to "About the Time Correction" (page 8). 1 Make time corrections by pressing the T.CORR button. Each press changes the modes as follows: Bass Focus mode Time correction mode Normal mode 5 After setting, press the Rotary encoder to return to the normal mode.

NOTES · By "Setting the Defeat of the external input" (page 16) to ON, operation is bypassed. · To cancel MX mode for all music sources, press the MX button to turn MX off. · MX mode is automatically canceled if no buttons are pressed within 15 seconds. · Each music source, such as radio, CD, and MP3 can have its own MX setting. · On disks with both MP3 and CD-DA, when the source changes from "MP3 to CD-DA" or "CD-DA to MP3", the MX-mode switching process may take a little time before a piece is played due to.

· Setting to MX OFF makes MX mode of each music source OFF. · This function is inoperable when DEFEAT is ON. 2 Select a speaker to be adjusted by pressing the BAND button. FLFRRLRR 3 4 5 Adjust the desired time correction value by turning the Rotary encoder. For setting another speaker, repeat the step 2 and 3. After setting, press the Rotary encoder to return to the normal mode. NOTE Time Correction mode is automatically canceled if no buttons are pressed within 15 seconds. 10-EN Quick Searching Function You can easily select tracks and files. Changing the Audio Level Display Pattern You can select the Audio Level Display from three display patterns (For the CDA-7892 model, only pattern 1 is displayed). You can also deactivate the display.

1 2 3 Press the SOURCE button to set the desired source mode. (CD mode is explained here as an example) When setting the CD mode, press and hold the Q.S. button for at least 2 seconds. The mode changes to the Q.S. (Quick Search) setting. Select a desired track by turning the Rotary encoder to the right or left. · CD/Changer mode: Track can be selected. · XM mode: Channel can be selected.

(It is not possible to select in the tuner mode) · MP3 mode: File number can be selected. 1 Press DISP button to switch the display pattern.

CDA-7995/CDA-7894/CDA-7893: Pattern1 Pattern2 Pattern3 OFF CDA-7892: Pattern display OFF 4 When the setting is completed, the Q.S. mode is canceled by pressing the Rotary encoder.

NOTES The Q.S. mode is automatically canceled after 10 seconds if no buttons are pressed during step 2 and 3. Blackout Mode On and Off (CDA-7995/CDA-7894 only) When the Blackout mode is turned on, the display will turn off to reduce power consumption. This additional power enhances the sound quality.

1 Press and hold the B.OUT button for at least 3 seconds to start the blackout mode. By doing so the display will turn off. NOTE If any button on the unit is pressed during the blackout mode, the function will be displayed for 5 seconds to show the operation before returning to Blackout mode. To cancel the blackout mode, press and hold the B.OUT button for at least 3 seconds. 11-EN Basic Operation -/J BAND Rotary encoder MP3 mode: (MP3 files can be played back with the CDA-7893/CDA-7892 models if an MP3 compatible changer is connected.) ELAPSED TIME DISPLAY CLOCK DISPLAY FOLDER NAME DISPLAY FILE NAME DISPLAY ID3 TAG DISPLAY2 FRAME DISPLAY3 g DN f UP TITLE 1 Displayed during playback of a disc with CD Text. Displaying the Title/Text It is possible to display the CD/Station title if the title has been previously inputted. For details, see "Tiling Disc/ Stations" (page 13).

Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name, and the ID3 tag, etc. while playing MP3 files. 1 Press the TITLE button. The mode will change every time the button is pressed. " NO TEXT" will be displayed when the CD contains no Text data. Text cannot be displayed for the CDA-7893/CDA7892 models. 2 If an MP3 file contains ID3 tag information, all the ID3 tag information is displayed (e.g., track name, artist name, and album name).

All other tag data is ignored. "NO TAG" will be displayed when an MP3 file contains no ID3 tag information. 3 The recording sampling rate and bit rate of the MP3 file are displayed. NOTES · Some characters may not be displayed correctly with this device, depending on the character type. · The CD changer must also be CD Text compatible for the Text information to be displayed.

· When the Scroll Setting (refer to page 15) is set to "SCROLL MANUAL", press and hold the TITLE button for at least 3 seconds to scroll the Text information only once (TEXT DISPLAY, FOLDER NAME DISPLAY, FILE NAME DISPLAY or ID3 TAG DISPLAY mode). · "NO SUPPORT" (CDA-7892: "NO SUPRT") is displayed when the desired text information cannot be displayed on this unit. · If the title was not previously input, "NO TITLE" is displayed.



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About "Title" and "Text" Title: With this device, it is possible to input the CD/ Station name (refer to page 13). This inputted name is referred to as a "title." You cannot input or display titles on MP3 discs. Text: Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text." Radio mode: FREQUENCY DISPLAY CLOCK DISPLAY TITLE DISPLAY CD mode: (Text is displayed for the CDA-7893/CDA7892 models when a compatible changer with CD text is connected.) ELAPSED TIME DISPLAY CLOCK DISPLAY TEXT DISPLAY (DISC NAME)1 TEXT DISPLAY (TRACK NAME)1 TITLE DISPLAY 12-EN Titling Discs/Stations It is possible to title your favorite CD's or radio stations. You cannot input titles on MP3 discs. Erasing Disc Title/Station Title 1 2 3 4 5 Press the TITLE button to select the titling mode. Then, press and hold for at least 3 seconds. Press and hold the -/J button for at least 2 seconds to activate the title scanning mode. The title in the display will blink.

Press the g DN or f UP button repeatedly until the title you want to erase is displayed. Press and hold the -/J button for at least 2 seconds to erase the title displayed. Press the TITLE button to cancel the title erasing mode. 1 2 Press the TITLE button and select the title display mode. For details, see "Displaying the Title/Text" (page 12). Press and hold the TITLE button for at least 3 seconds. The first character will blink. CDA-7995 only: Press the BAND button to select the characters/ symbols. Upper case Lower case Numeral/Symbol 3 4 Turn the Rotary encoder to select the desired letter/ numeral/symbol available for naming. Press the Rotary encoder to store the first character.

The first character will stop blinking and the display will automatically advance to the next character. When that character begins to blink, you may choose the next letter or symbol of your title. Repeat the steps 3 and 4 above to complete the titling. Pressing the Rotary encoder after entering the 8th character, automatically stores the title into memory. When entering a title of less than 8 characters (for example, 3 character title): After entering 3 characters to complete your title, the 4th character space will be blinking.

Go to step 6 to complete the title. NOTE You cannot erase CD-TEXT. 5 6 Press the TITLE button to record the title. NOTES · You can enter 24 radio station titles and 18 CD titles on this unit. If you try to store beyond the limit, the display will show "FULL DATA.

" At this point, no more titles can be stored. · The CD Changer title length or memory capacity varies depending upon the model being used. · To input a new title, one of the previously inputted titles must first be deleted. · When you want to erase a title, enter the " " " (CDA7995 only) symbol into all spaces. · The operations described in steps 3 to 5 must be made within 10 seconds. The input mode will be cancelled if no action is taken for over 10 seconds. · Removing power from the unit may delete these titles. Use caution when manipulating the power cord. 13-EN SETUP Operation Dimmer Control SOURCE BAND MODE/Rotary encoder (CDA-7995/CDA-7894/CDA-7893 only) Set the DIMMER control to AUTO to decrease the illumination brightness of the unit with the head lights of the vehicle ON. This mode is useful if you feel the unit's backlighting is too bright at night.

1 g DN f UP SETUP Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "DIM"(DIMMER). Press the BAND button to select the Dimmer mode. Each press toggles between DIM AUTO and DIM MANUAL. Press the SETUP button to activate the normal mode. 2 Switching the Tuner Mode The CDA-7995/CDA-7894/CDA-7893/CDA-7892 incorporates the MAX TUNE SQ for the highest quality tuner audio. Moreover, you can choose between two settings to suit your own personal sound preferences and usage. 3 4 1 2 3 Subwoofer On and Off Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "SUB-W (Subwoofer)." Press the BAND button to toggle mode between SUB-W ON and SUB-W OFF (CDA-7892: SUB W OFF).

1 2 3 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "NORMAL or HI-FI." Press the BAND button to switch the TUNER mode. HI-FI NORMAL NORMAL: Standard setting HI-FI: Sound quality priority setting NOTE The initial setting at the factory is subwoofer ON. NOTES · The initial setting at the factory is "NORMAL.

" · If you find the sound is very noisy while listening to the tuner in the HI-FI mode, we recommend you change to the NORMAL mode. 4 5 Press the SETUP button after setting the SUB-W ON. Press the MODE button repeatedly to select the SUB-W mode. SUB-W BALANCE VOLUME DEFEAT FADER Press the g DN or f UP button after selecting the SUB-W mode, and the subwoofer output phase is toggled SUBW NOR (0°) or SUBW REV (180°). 4 When the setting is completed, press the SETUP button to return to the normal mode.

NOTE "MP3 File Selection" and "Playing MP3 data" in the "SETUP" mode section are described in MP3 Operation on page 26. Changing Lighting Color (CDA-7894 only) 1 2 3 4 6 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "AMBER". Press the BAND button to toggle the mode between AMBER ON (amber) and AMBER OFF (green). Press the SETUP button to set the selected mode. Turn Rotary encoder until the desired sound is obtained in each mode. 14-EN Sound (Beep) Guide Function This function will give audible feedback with varying tones depending upon the button pressed. 3 Press the BAND button to toggle the mode between SCR AUTO and MANUAL (For CDA-7892 model: MANU is displayed). · SCR AUTO: the CD text information, the text information of folder and file names, and the ID3 tags are scrolled automatically. · SCR MANUAL: the display is scrolled only when a disc is loaded or when a track is changed, etc.

1 2 3 4 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "BEEP." Press the BAND button to toggle the mode between BEEP ON and BEEP OFF. 4 When the setting is completed, press the SETUP button to return to the normal mode. NOTE The initial setting at the factory is BEEP ON. NOTES · Initial mode is "SCR MANUAL." · The unit scrolls CD text names, folder names, file names or ID3 tag display. The disc titles input manually (refer to page 13) cannot be scrolled. Press the SETUP button to set the selected mode. Turning Mute Mode On/Off If a device having the interrupt feature is connected, audio will be automatically muted whenever the interrupt signal is received from the device.



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This function can be turned ON or OFF from the head unit by following procedure below. Setting the AUX Mode (V-Link) You can input TV/video sound by connecting an optional Ai-NET/RCA Interface cable (KCA-121B) or Versatile Link Terminal (KCA-410C) to this component. 1 2 3 1 2 3 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select the MUTE mode. Press the BAND button to turn on or off the MUTE mode. Each press toggles between the MUTE ON and OFF modes. Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "AUX." Press the BAND button to toggle the mode between AUX ON and AUX OFF. NOTES · The initial setting at the factory is AUX OFF. · You can set the AUX mode display by pressing the g DN or f UP button after AUX ON is set, select the AUX mode display setting, and then press the BAND button. · When connecting the KCA-410C, you can set two AUX mode displays. NOTE The initial setting at the factory is "MUTE ON." 4 Press the SETUP button again to return to normal operation. Scroll Setting This CD player can scroll the disc and track names recorded on CD-TEXT discs, as well as the text information of MP3 files, folder names, and ID3 tags. (This function can be used for CDA-7893/CDA-7892 models if the changer compatible with CD-Text is connected). 4 5 Press the SETUP button to return to normal mode. To adjust the volume, etc., first press the SOURCE button and select the AUX mode, then make the necessary adjustment. NOTE When using the Versatile Link Terminal (KCA-410C), you can connect two external inputs.

To select the mode, press the BAND button on the unit. 1 2 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "SCR"(SCROLL). 15-EN SETUP Operation PWR-IC ON (CDA-7892: PWR ON): The speakers are driven by the built-in amplifier. BAND Rotary encoder SPEAKER RIGHT FRONT Speakers Front right SPEAKER RIGHT REAR Rear right g DN f UP SETUP SPEAKER LEFT REAR Rear left Connecting to an External Amplifier (CDA-7894/CDA-7893/CDA-7892 only) When an external amplifier is connected, sound quality can be improved by stopping the power supply of the built-in amplifier. The power output is set to OFF by the following procedure. SPEAKER LEFT FRONT Front left NOTE No sound is produced by the system when the power output is set to OFF 4 Press the SETUP button to return to normal mode. 1 2 3 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "PWRIC" (CDA-7892: "PWR"). Press the BAND button to toggle the mode between PWR-IC ON (CDA-7892: PWR ON) and PWR-IC OFF (CDA-7892: PWR OFF).

PWR-IC OFF (CDA-7892: PWR OFF): When activating the speakers, this setting can be performed by connecting between the front and rear pre-amplifier of the unit and the external amplifier. In this setting, nothing is output to the speakers. Setting the Defeat of the External Input When auxiliary devices such as a TV or video game, etc., are used with this unit, you can use the audio function to set the mode between BASS, TREBLE and MX Defeat ON/OFF. 1 2 3 Press and hold the SETUP button for at least 3 seconds.

Press the f UP or g DN button to select "INT." Press the BAND button to toggle the mode between INT ON and INT OFF. When using Initial mode, set this to ON. When the Initial mode is not selected, set this to OFF. Amplifier Front left Front right Rear left Rear right 4 Press the SETUP button to return to normal mode.

Amplifier 16-EN Demonstration This unit has a Demonstration feature which simulates the display functions. Adjusting Display Contrast (CDA-7995 only) You can adjust the display contrast for better visibility. 1 2 3 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select the DEMO mode. Press the BAND button to turn on or off the DEMO mode. Each press toggles between DEMO ON and DEMO OFF. If no button is pressed for 30 seconds, the DEMO mode activates. 1 2 3 4 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select "CONTRAST." Turn the Rotary encoder to adjust the contrast of the display.

You can adjust in a range of -6 and +6. The initial setting at the factory is "0." Press the SETUP button to set the selected mode. NOTES · The initial setting at the factory is "DEMO OFF." · To quit DEMO mode, set to "DEMO OFF." 4 Press the SETUP button again to return to normal operation. 17-EN Radio Operation 3 SOURCE TUNE/A.ME BAND Press the TUNE button to illuminate the DX and SEEK indicators in the display. With the DX (Distance) mode activated, both strong and weak stations will be tuned in the Auto-Seek operation. Press again to return to the local mode.

The DX indicator will turn off and the SEEK indicator will remain illuminated. Now, only strong stations will be tuned. Press the g DN or f UP button to automatically seek for a station downward or upward respectively. The unit will stop at the next station it finds. Press the same button again to seek the next station.

4 g DN f UP Preset buttons (1 through 6) Manual Tuning Manual Storing of Station Presets 1 2 Press the SOURCE button until a radio frequency appears in the display. Press the BAND button repeatedly until the desired radio band is displayed. Each press changes the band: FM1 FM2 AM 1 2 Select the radio band and tune in a desired radio station you wish to store in the preset memory. Press and hold any one of the Preset buttons (1 through 6) that you want to store the station on for at least 2 seconds. The selected station is stored.

The display shows the band, preset No. with a triangle (9) and station frequency memorized. Repeat the procedure to store up to 5 other stations onto the same band. To use this procedure for other bands, simply select the band desired and repeat the procedure. A total of 18 stations can be stored in the preset memory (6 stations for each band; FM1, FM2 and AM). 3 3 Press the TUNE button repeatedly until "DX SEEK" and "SEEK" disappear from the display.

NOTE The initial mode is DX SEEK. 4 Press the g DN or f UP button to move downward or upward one step respectively until the desired station frequency is displayed. NOTE If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.

NOTE The ST indicator appears on the display when a Stereo FM station is tuned in.

Automatic Seek Tuning 1 2 Press the SOURCE button until a radio frequency appears in the display. Press the BAND button repeatedly until the desired radio band is displayed. Each press changes the band: FM1 FM2 AM 18-EN Automatic Memory of Station Presets Tuning to Preset Stations 1 2 3 Press the SOURCE button to select the radio mode.



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Press the BAND button repeatedly until the desired radio band is displayed. Press and hold the A. ME button for at least 2 seconds. The frequency on the display continues to change while the automatic memory is in progress. The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into buttons 1 to 6 in order of signal strength. When the automatic memory has been completed, the tuner goes to the station stored in the preset location No.

1. 1 2 3 Press the SOURCE button to select the radio mode. Press the BAND button repeatedly until the desired band is displayed. Press the station Preset button that has your desired radio station in memory. The display shows the band, preset number with a triangle and frequency of the station selected.

NOTE If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began. 19-EN CD Player Operation 2 SOURCE -/J Insert a disc with the label side facing up. The disc will be pulled into the unit automatically. The movable display will close and playback will begin. @@The mode will change every time the button is pressed.

@@Pressing the -/J button again will resume playback. @@@@You can also play CD-Rs/CD-RWs containing MP3 formatted audio files. @@@@The brightness will return to normal as time elapses. @@@@This is not a malfunction. Do not touch. Playback 1 Press the c button. @@@@You can not play CD-Rs/CD-RWs containing MP3 formatted audio files. @@@@Do not expose the disc to direct sunlight. @@Clean the disc when it is dusty. · Make sure that there are no bumps around the disc.

· Do not use commercially available disc accessories. Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight. @@The track will be played repeatedly. @@· In case a 12-disc CD changer is connected: In changer mode, press the "F" button twice to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. 21-EN CD Player Operation Controlling CD Changer (Optional) SOURCE BAND Select buttons (1 through 6) M.I.X. SCAN M.I.

X. (Random Play) An optional 6-disc or 12-disc CD Changer may be connected to the CDA-7995/CDA-7894/CDA-7893/CDA7892 if it is Ai-NET compatible. With a CD Changer connected to the Ai-NET input of the CDA-7995/CDA7894/CDA-7893/CDA-7892, the CD Changer will be controllable from the CDA-7995/CDA-7894/CDA-7893/ CDA-7892. Using the KCA-400C (Multi-Changer Switching device) or the KCA-410C (Versatile Link Terminal) multiple changers can be controlled by the CDA-7995/CDA-7894/ CDA-7893/CDA-7892. See the Multi-Changer Selection section on page 23 for selecting the CD Changers.

1 NOTES Press the M.I.X. button in the play or pause mode. The tracks on the disc will be played back in a random sequence. To cancel M.I.X. play, press the M.I.X. button again to turn off the M.I.X. · The controls on the CDA-7995/CDA-7894/CDA-7893/CDA7892 for CD Changer operation are operative only when a CD Changer is connected.

· The "Changer" indicator illuminates when a CD Changer is connected. · The DVD changer (optional) is controllable from the CDA-7995/ CDA-7894/CDA-7893/CDA-7892 as well as the CD changer. NOTES · If a CD Changer equipped with the ALL M.I.X. function is connected, ALL M.I.X. will also be selectable. In this mode, the tracks on all the CDs in the current magazine will be included in the random playback sequence. 1 M.I.X. ALL M.I.

X. (off) Press the SOURCE button to activate the CHANGER mode. The display shows the disc number and track number. NOTE The source indicator varies depending on the connected source. · In case a 6-disc CD changer is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds.

· In case a 12-disc CD changer is connected: In CD changer mode, press the "F" button twice to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. 2 Press the Disc Select buttons (1 through 6) corresponding to one of the discs loaded in the CD Changer. The selected disc number appears in the display and CD playback starts. NOTES Scanning Programs 1 Press the SCAN button to activate the Scan mode. The first 10 seconds of each track will be played back in succession. To stop scanning, press the SCAN button and deactivate the Scan mode. · After selecting the desired disc, you can operate in the same way as for the CDA-7995/CDA-7894/CDA-7893/CDA-7892 CD player. For details, please see the CD Operation section. · If the "FUNC" indicator is illuminated the Disc Select buttons become nonfunctional. NOTES · In case a 6-disc CD changer is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds.

· In case a 12-disc CD changer is connected: In CD changer mode, press the "F" button twice to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. When a 12-disc CD Changer is connected: To select discs numbered from 1 to 6, the procedure is the same as for the 6-disc CD Changer. To select discs numbered from 7 to 12, first press the "F" button. This changes the "D" indicator to "d." Then press the desired Preset button. With the "F" button activated, the Preset buttons 1 to 6 will represent discs 7 to 12 respectively. 22-EN Multi-Changer Selection Alpine's Ai-NET system will support up to 6 CD Changers. When operating two or more changers, the KCA-400C (Multi-Changer Switching device) must be used. If you use 1 Switching device, you can connect up to 4 CD Changers. If you use 2 Switching devices, you can connect up to 6 CD Changers.

When using KCA410C (Versatile Link Terminal), you can connect two changers and two external outputs (AUX). 3 The CD Changer Selection mode remains active for 8 seconds after step 2 is performed. Press the BAND button until the desired CD Changer indicator appears on the display. NOTE If the selected CD Changer is not connected, the display will show "NO CHGR ." Alternatively press the BAND button on the Remote Control until the desired changer indicator appears on the display.

1 Press the SOURCE button on the CDA-7995/CDA7894/CDA-7893/CDA-7892 to activate the CD Changer mode. Alternatively, press the SOURCE button on the Remote Control (RUE-4187) to activate the CD Changer mode. 4 To operate the selected changer, see "CD Player Operation" section. NOTE For further details about the external input (AUX) when using KCA-410C, see "Setting the AUX Mode (V-Link)" on page 15. SOURCE BAND 2 Press the BAND button on the CDA-7995/CDA-7894/ CDA-7893/CDA-7892 or the RUE-4187 to activate the CD Changer Selection mode.



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23-EN MP3 Operation Select buttons (1 through 6) SOURCE -/J Rotary encoder SCAN c Playing MP3 Files with the CD Changer (Optional) If you connect a changer compatible with MP3, you can play CD-ROMs, CD-Rs, and CD-RWs containing MP3 files on the CDA-7995/CDA-7894/CDA-7893/CDA-7892. 1 g DN f UP FOLDER DN FILE SEARCH M. I. X. FOLDER UP REPEAT Playing MP3 Files (CDA-7995/CDA-7894 only) The CDA-7995/CDA-7894 models include a built-in MP3 unit. You can play CD-ROMs, CD-Rs, and CD-RWs containing MP3 files on this unit. Use the format compliant with ISO 9660 level 1 or level 2. For further information about playing or storing MP3 files, refer to pages 26 - 27 before using the unit. Press the SOURCE button to switch to the MP3 Changer mode. For CDA-7995/CDA-7894/CDA-7893, Folder Number, File Number and Elapsed Time are displayed.

For CDA-7892, File Number, Folder Number and Elapsed Time are displayed. Press and hold the TITLE button for at least 3 seconds to change the File Number display to the Folder Number display alternately. The Folder Number at this time is displayed for 5 seconds. Press the Disc Select buttons (1 through 6) corresponding to one of the discs loaded in the CD Changer. To pause playback, press the -/J button. Pressing the -/J button again will resume playback. 2 3 NOTE The unit can play discs containing both audio data and MP3 data. 1 Press the c button. The movable display will open. Music Sensor (Skip) 1 Insert a disc containing an MP3 file with the label side facing up.

Momentarily press the g DN button once during CD play to return to the beginning of the current file. If you wish to access the beginning of a file further back, repeatedly press until you reach the desired file. Press the f UP button once to advance to the beginning of the next file. If you wish to access the beginning of a file further ahead, press repeatedly until the desired file is reached. 2 Insert a disc containing an MP3 file with the label side facing up. The disc will be pulled into the unit automatically. The movable display will close and playback will begin. @@The mode will change every time the button is pressed. TUNER CD CD CHANGER NOTE The music sensor feature is functional in the play or pause mode. (Only when the CD changer is connected) 3 4 To pause playback, press the -/J button.

Pressing the -/J button again will resume playback. To eject the disc, press the c button. NOTES · The unit can play discs containing both audio data and MP3 data. · The MP3 indicator is lit during MP3 playback. 24-EN Fast Forward and Backward M.I.X. (Random Play) 1 Press and hold the g DN or f UP button to quickly move backward or forward until you reach the desired section of the file. 1 Press the M.I.

X. button in the play or pause mode. The files on the disc will be played back in a random sequence. To cancel M.I.X. play, press the M.I.X. button again to turn off the M.

I.X. Selecting Folders 1 Press the FOLDER DN or FOLDER UP button to select the folder. NOTES · When you select "FOLDER" and set to M.I. X. in the "Setting the Range of MP3 File Selection" section on page 26, the Files in the Folder are played back in random sequence. After all the files have been played back, play does not shift to the next Folder. · In case an MP3 compatible CD changer is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. NOTE If a CD changer applicable to MP3 is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds.

File Search You can locate all the files on a disc and play them. Scanning Programs 1 2 3 Press the FILE SEARCH button during playback. The unit switches to File Search mode. Turn the Rotary encoder to select the desired file. Press the Rotary encoder to execute the setting. The selected file starts to play. 1 Press the SCAN button to activate the Scan mode. The first 10 seconds of each file will be played back in succession. To stop scanning, press the SCAN button and deactivate the Scan mode. NOTES · When you select "FOLDER" in the "Setting the Range of MP3 File Selection" section on page 26, the first 10 seconds of each File in the Folder will be played back.

· If a CD changer applicable to MP3 is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. NOTES · During search, press the FILE SEARCH button to cancel the File Search mode. · If a CD changer applicable to MP3 is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. Repeat Play 1 Press the REPEAT button to play back repeatedly the file being played. The file will be played repeatedly. Press the REPEAT button again and select OFF to deactivate the repeat play.

NOTES · If a CD changer applicable to MP3 is connected and the RPT ALL mode is selected, the unit repeatedly plays back all files on the selected disc. RPT RPT ALL (off) · When you select "FOLDER" and set to RPT ALL in the "Setting the Range of MP3 File Selection" section on page 26, the Files will be repeatedly played back. · If a CD changer applicable to MP3 is connected: In CD changer mode, press the "F" button to illuminate the "FUNC" indicator and go to step 1 within 5 seconds. 25-EN MP3 Operation 2 BAND Press the f UP or g DN button to select "CDDA/MP3.

" Press the BAND button to toggle the mode between CD-DA and CD-DA/MP3 (CD/MP3 is displayed on the CDA-7892 model). · CD-DA: Only CD data can be played back. · CD-DA/MP3: Both CD data and MP3 file tracks can be played back. (For the CDA-7892 model, CD/MP3 are displayed) 3 g DN f UP SETUP 4 Press the SETUP button to return to normal mode. About MP3 Setting the Range of MP3 File Selection You can set the range of MP3 file selection to "entire disc contents" or "folder contents only.

" CAUTION Except for personal enjoyment, duplicating audio data (including MP3 data) or distributing, transferring, or copying it, whether for free or for a fee, without the permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty. · What is MP3? MP3, whose official name is "MPEG Audio Layer 3", is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing the audio data at extremely high ratios shrinking music files by as much as one-tenth their original size. This is achieved while still maintaining near CD quality.



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The MP3 format realizes such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds. Method for creating MP3 files The software used to create MP3 files is widely sold or free from various sources. For details on creating MP3 files, refer to the user's manual for that software. The MP3 files that can be played back by this device have the file extension "mp3". Files with no extension can not be played back. 1 2 3 Press and hold the SETUP button for at least 3 seconds. Press the f UP or g DN button to select DISC/ FOLDER (file selection range). Press the BAND button to toggle the mode between DISC ALL and FOLDER. · DISC ALL : plays all the files on one disc · FOLDER : plays files in the selected folder only. NOTES · The initial setting at the factory is DISC ALL.

If a changer compatible with MP3 is used, the range of MP3 file selection applies to REPEAT, M.I.X. and SCAN modes only. In normal mode, the unit plays all files on a disc even when you set the range of MP3 selection to "folder contents only." 4 Press the SETUP button to set the selected mode. Playing MP3

Data You can select either playback only of CD data, or playback of formatted CD data and MP3 files. When a disc contains CD or the MP3 file data, playback starts from the CD data portion of the disc. 1 Press and hold the SETUP button for at least 3 seconds. 26-EN · Supported playback sampling rates and bit rates Sampling rates: 16 kHz - 44.

1 kHz, bit rates: 8 - 320 kbps Note that for sampling rates such as 22.05 kHz, this device's frame display (Page 12) may not display correctly. · ID3 tags This device supports ID3 tag v1. If ID3 tag data is in an MP3 file, this device can display the title (track title), artist name, and album name ID3 tag data. This device can only display single-byte alphanumeric characters and the underscore.

For non-supported characters, "NO SUPPORT" is displayed. · Producing MP3 discs MP3 files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 512 files/folders (including Root Folders). · Media supported The media that this device can play back are CD-ROMs, CD-Rs, and CD-RWs. · Corresponding File Systems This device supports discs formatted with ISO9660 Level 1 or Level 2.

Under the ISO9660 standard, there are some restrictions to remember. The maximum nested folder depth is 8 (including the root directory). File/folder names are limited to 31 characters (including the extension). Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore). This device also can play back discs in Joliet, and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc. are not displayed correctly. · Formats supported This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session. This device can not correctly play back discs recorded with Track At Once or packet writing. · Order of tracks The unit plays the files in the order that the writing software writes them.

Therefore, the playing order may not be the same as the order you input. The playback order of the folders and files is as follows. 1 1 2 3 3 2 4 4 5 6 5 Folder MP3 File Terminology Bit rate This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files. Sampling rate This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound level is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data. Encoding Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format. ID3 tag Song information such as track titles, artist names, album names, etc.

, written into MP3 files. 27-EN XM Radio Operation 3 SOURCE CAT BAND Preset buttons (1 through 6) Press the g DN or f UP button to select the desired channel. Holding the g DN or f UP buttons will change channels continuously. Checking the XM Radio ID Number You need to provide XM with the unique XM Radio ID number for your XM Radio Receiver in order to subscribe to XM's programming. g DN f UP TITLE SETUP This number is an 8 character alphanumeric number that is printed on a label directly on the XM Receiver.

It can also be displayed on the screen of the CDA-7995/ CDA-7894/CDA-7893/CDA-7892 in the following way. Receiving XM Channels with the XM Receiver (Optional) XM Satellite Radio is the next generation of audio entertainment, with up to 100 brand-new digital channels. For a small monthly fee, subscribers can hear crystal-clear music, sports, news and talk, coast-to-coast via satellite. For more information, visit XM's website at www.xmradio.com or call 1-877-XMRADIO. An optional XM Satellite Radio Receiver (TUA-T020XM) may be connected to the CDA-7995/CDA-7894/CDA-7893/CDA-7892 if it is Ai-NET compatible. With an XM Receiver connected to the Ai-NET input of the CDA-7995/CDA-7894/CDA-7893/CDA-7892, the XM Receiver will be controllable from the CDA-7995/CDA-7894/CDA-7893/CDA-7892. XM and its corresponding logos are trademarks of XM Satellite Radio Inc. 1 2 3 While receiving XM1/XM2, press the g DN or f UP button to select channel "0." The unit alternately displays "RADIO ID" for 2 seconds, then the ID number for 10 seconds. To cancel the ID number display, set the channel to other than "0." Tips There is another way to display your ID number. 1. Press and hold the SETUP button for at least 3 seconds.

2. Press the f UP or g DN button repeatedly to select "ID." 3. Press the BAND button to display your ID number. 4. After checking your ID number, press the SETUP button to return to the normal display. NOTES · You cannot use "O," "S," "I," or "F" for the ID Number. · You can check your ID number printed on the label on the package of your XM Satellite Radio Receiver (TUA-T020XM). NOTES · The controls on the CDA-7995/CDA-7894/CDA-7893/ CDA-7892 for XM Receiver operation are operative only when an XM Receiver is connected. · The XM1 or XM2 band illuminates when in XM mode.

1 2 Press the SOURCE button to select RADIO Mode. Press the BAND button to select XM1 or XM2. Each press changes the band: FM1 FM2 XM1 XM2 AM 28-EN Storing XM Channel Presets Changing the Display Text information, such as the channel name, artist name/feature, and song/program title, is available with each XM channel. The unit can display this text information as explained below. 1 2 3 Press the BAND button to select the desired band (XM1 or XM2) you want to store.



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