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You can read the recommendations in the user guide, the technical guide or the installation guide for ALPINE CDA-9815. You'll find the answers to all your questions on the ALPINE CDA-9815 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-9815
User guide ALPINE CDA-9815
Operating instructions ALPINE CDA-9815
Instructions for use ALPINE CDA-9815
Instruction manual ALPINE CDA-9815



FM/AM CD Receiver

CDA-9815
CDA-9813
CDA-9811



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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p.A. Viale C. @@@@ · Changeur CD pour CDA-9815/CDA9813/CDA-9811. @@ · Changeur CD pour CDA-9815/CDA9813/CDA-9811. · Cambiador de CD para CDA-9815/ CDA-9813/CDA-9811. 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

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26 LIMITED WARRANTY 2-EN Operating Instructions 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. **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 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. **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. **KEEP FINGERS AWAY WHILE THE MOTORIZED FRONT PANEL OR MOVING MONITOR IS IN MOTION.**



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Failure to do so may result in personal injury or damage to the product. MINIMIZE DISPLAY VIEWING WHILE DRIVING. Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident. DO NOT DISASSEMBLE OR ALTER. Doing so may result in an accident, fire or electric shock. 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. 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. 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. 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. Damaged Disc Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism. USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES. Failure to do so may result in fire or electric shock. DO NOT BLOCK VENTS OR RADIATOR PANELS. Doing so may cause heat to build up inside and may result in fire. 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. USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS. Use for other than its designed application may result in fire, electric shock or other injury. 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 PRECAUTIONS Never Attempt the Following Do not grip or pull out the disc while it is being pulled backatures or sunlight (e.

g., left in the car or this unit), CDs recorded under unstable conditions, CDs on which a recording failed or a re-recording was attempted, copyprotected CDs which do not conform to the audio CD industry standard. Use discs with MP3/WMA files written in a format compatible with this unit. For details, see page 11-12. About the alphanumeric display of CDA-9813/CDA-9811. All English lower case characters tern You can select the Audio Level display from three display patterns (For CDA-9811, only pattern 1 is displayed). You can also deactivate the display. Detaching and Attaching the Front Panel Detaching Press DISP/B.OUT to switch the display pattern. For CDA-9815/CDA-9813: AUDIO ADJUSTMENT EQ ADJUSTMENT X-OVER ADJUSTMENT OFF AUDIO

ADJUSTMENT 1 2 Turn off the unit power.

(Release) at the upper left side until the Press front panel pops out. Grasp the left side of the front panel and pull it out. The indicators show the value that is set in each mode as shown below. AUDIO ADJUSTMENT Level Indicator Width indicator Frequency Indicator Sub-W Indicator VOLUME BALANCE FADER SUB-W EQ ADJUSTMENT LEVEL WIDTH FREQUENCY X-OVER ADJUSTMENT LEVEL SLOPE FREQUENCY - 3 The front panel may become hot in normal usage (especially the connector terminals on the back of the front panel.) This is not a malfunction.

To protect the front panel, place it in the supplied carrying case. Attaching 1 2 Only when SUB-W is set to ON AUDIO Adjustment Display Example for CDA-9813 VOLUME : 18 BALANCE : L6 FADER SUB-W : F6 : 9dB Insert the right side of the front panel into the main unit. Align the groove on the front panel with the projections on the main unit. Push the left side of the front panel until it locks firmly into the main unit. 2 1 EQ Adjustment Display Example for CDA-9813 LEVEL WIDTH : +2 :2 Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.

Attach the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake. FREQUENCY: 200Hz 7-EN Radio SOURCE/ POWER TUNE/ A.ME BAND/ TEL. Rotary encoder 4 Press g or f to tune in the desired station. Holding down g or f will change the frequency continuously. The ST indicator appears on the display when a stereo FM station is tuned in. Manual Storing of Station Presets 1 2 g f SEARCH F/SETUP Preset buttons (1 through 6) 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.

and station frequency memorized. Changing the Radio Frequencies for each Country For customers not living in North America, change the radio frequencies as follows. A total of 18 stations can be stored in the preset memory (6 stations for each band; FM1, FM2 and AM). 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. 1 2 3 4 Press and hold F/SETUP for at least 3 seconds. Select the "AREA" mode by pressing g or f. Choose either AREA 1 or AREA 2 by pressing BAND/TEL. AREA 1: Radio frequencies for North America AREA 2: Other Radio frequencies Automatic Memory of Station Presets 1 2 Press BAND/TEL. repeatedly until the desired radio band is displayed. Press and hold TUNE/A.

ME 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 preset location no.

1. Press F/SETUP to return to normal mode. The stored radio stations will be cleared every time you change the setting. Listening to Radio 1 2 3 Press SOURCE/POWER until a radio frequency appears in the display. Press BAND/TEL. repeatedly until the desired radio band is displayed. FM1 FM2 AM FM1 If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began. Tuning to Preset Stations 1 2 Press BAND/TEL. repeatedly until the desired band is displayed. Press any one of the station preset buttons (1 through 6) that has your desired radio station in memory. The display shows the band, preset number and frequency of the station selected. Press TUNE/A. ME to select the tuning mode. DX SEEK (Distance mode) DX SEEK (Local mode) DX SEEK (Manual mode) DX SEEK Only portions underlined on the display may be lit. The initial mode is DX SEEK (Distance mode).

Distance mode: Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).



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Local mode: Only strong stations will be automatically tuned in (Automatic Seek Tuning). Manual mode: The frequency is manually tuned in steps (Manual tuning). 8-EN Station Title Search Function If titles for radio stations are entered, you can search for a radio station from its title. . CD / MP3 / WMA SOURCE/ POWER 1 2 3 Press SEARCH Search mode. in Radio mode to switch to Title -/J 8 Rotary encoder SEARCH The first title input blinks in the display. Select the desired title by turning the Rotary encoder within 10 seconds. Press the Rotary encoder to receive the frequency of the selected title. g f 9 4() 5() 6() . Search mode in Title Search mode is canceled by pressing and holding SEARCH for at least 2 seconds.

· If a station has no title, "NO TITLE" is displayed for 2 seconds. c Quick Search Function You can search for a radio station by its frequency. Playback 1 2 Press c. The movable display will open. 1 2 3 Press and hold SEARCH for at least 2 seconds in Radio mode to activate Quick Search mode. Turn the Rotary encoder within 10 seconds to select the desired frequency. Press the Rotary encoder to receive the selected frequency. Insert a disc with the label side facing up. The disc will be pulled into the unit automatically. · Search mode in Quick Search mode is canceled by pressing and holding SEARCH for at least 2 seconds.

The movable display will close and playback will begin. When a disc is already inserted, press SOURCE/POWER to switch to the CD mode. The mode will change every time the button is pressed. TUNER CD CD CHANGER TUNER * Only when the CD changer is connected 3 Press g or f to select the desired track (file). Returning to the beginning of the current track (file): Press g. Fast backward : Press and hold g. Advancing to the beginning of the next track (file) : Press f. Fast forward : Press and hold f. 4 5 To pause playback, press -/J. Pressing -/J again will resume playback.*

To eject the disc, press c. · Do not remove a CD during its eject cycle. Do not load more than one disc at a time. A malfunction may result from doing either. · If the CD does not eject, press and hold c for at least 3 seconds with the movable display open. · The CD-player can play discs containing audio data, MP3 data and WMA data. · The MP3 indicator is lit during MP3 playback. · The WMA indicator is lit during WMA playback. · The track display for MP3/WMA data playback is the file numbers recorded on the disc. · While playing back MP3/WMA, press 8 or 9 to move the folder up or down.

*9-EN Repeat Play Press 4 (played. Press 4 (M.I.X. (Random Play) Press 5 () in the play or pause mode. The tracks (files) on the disc will be played back in random sequence. To cancel M.I.X. play, press 5 () again.) to play back repeatedly the track being The track (file) will be played repeatedly.) again and select OFF to deactivate repeat play. CD mode : RPT : Only a file is repeatedly played back *1 RPT : A disc is repeatedly played back (off) CD mode : M.I.X. : *3 Track are played back in random sequence. *1 When a CD changer is connected · If REPEAT is set to ON during M.I.X. play in CD changer mode, M.*

*I.X. will apply to the current disc only. (off) M.I.X.:The tracks on all the CDs in the current magazine will be included in the random playback sequence. MP3/WMA mode : RPT : Only a file is repeatedly played back RPT : Only files in a folder are repeatedly played back *2 RPT : A disc is repeatedly played back (off) *2 When an MP3 compatible CD changer is connected · If a 6-disc CD changer or an MP3 compatible CD changer is connected: In CD changer mode, press F/SETUP to illuminate the "FUNC" indicator (only underlined portions of the "FUNC" indicator are illuminated for CDA-9811), and go to the step above within 5 seconds. · If a 12-disc CD changer is connected: In CD changer mode, press F/SETUP twice to illuminate the "FUNC" indicator(only underlined portions of the "FUNC" indicator are illuminated for CDA-9811), and go to the step above within 5 seconds. *3 When a CD changer equipped with the All M.*

I.X. function is connected · If M.I.X.

is set to ON during RPT (REPEAT ALL) play in CD changer mode, M.I.X. will apply to the current disc only. MP3/WMA mode : M.

I.X.: Only files in a folder are played back in random sequence. M.I.X.: Files are played back in random sequence. If an MP3 compatible CD changer is connected, all files in a disc are played back in random sequence, and playback shifts to the next disc. (off) · If a 6-disc CD changer or an MP3 compatible CD changer is connected: In CD changer mode, press F/SETUP to illuminate the "FUNC" indicator (only underlined portions of the "FUNC" indicator are illuminated for CDA-9811), and go to the step above within 5 seconds. · If a 12-disc CD changer is connected: In CD changer mode, press F/SETUP twice to illuminate the "FUNC" indicator (only underlined portions of the "FUNC" indicator are illuminated for CDA-9811), and go to the step above within 5 seconds.

10-EN Scanning Programs Press 6 () to activate the Scan mode. The first 10 seconds of each track (file) will be played back in succession. To stop scanning, press 6 (mode.) and deactivate the Scan About MP3/WMA CAUTION Except for private use, duplicating audio data (including MP3/ WMA data) or distributing, transferring, or copying it, whether for free or for a fee, without 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 audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. 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. · If a 6-disc CD changer or an MP3 compatible CD changer is connected: In CD changer mode, press F/SETUP to illuminate the "FUNC" indicator (only underlined portions of the "FUNC" indicator are illuminated for CDA-9811), and go to the step above within 5 seconds.

· If a 12-disc CD changer is connected: In CD changer mode, press F/SETUP twice to illuminate the "FUNC" indicator (only underlined portions of the "FUNC" indicator are illuminated for CDA-9811), and go to the step above within 5 seconds. File/Folder Search (concerning MP3/WMA) What is WMA? WMA, or "Windows MediaTM Audio," is compressed audio data.



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WMA allows you to create music files and store them at higher ratios of compression than MP3 audio data (approx. half original size). This is achieved while still maintaining CD quality sound.

1 2 3 4 Press SEARCH to select File Search mode or Folder Search mode in MP3/WMA mode. File Search mode Press 8 or 9 to select another Folder. Select the desired file by turning the Rotary encoder within 10 seconds. Press the Rotary encoder to play back the selected file. Method for creating MP3/WMA files Audio data is compressed by using MP3/WMA specified software.

For details on creating MP3/WMA files, refer to the user's manual for that software. MP3/WMA files that can be played back by this device have the file extension "mp3" / "wma". Files with no extension cannot be played back. (WMA ver. 7.1 and 8 are supported) · File Search mode is canceled by pressing and holding SEARCH for at least 2 seconds. · While in File Search mode, press SEARCH to switch to Folder Search mode. Supported playback sampling rates and bit rates MP3 Sampling rates: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.

025 kHz, 8 kHz Bit rates: 8 - 320 kbps WMA Sampling rates: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz Bit rates: 32 - 192 kbps Note that for sampling rates, this device's frame display (Page 20) may not display correctly. This device may not play back correctly depending on sampling rates. Folder Search mode 2 3 Turn the Rotary encoder within 10 seconds to select the desired folder. Press the Rotary encoder to play back the first file in the selected folder. · Search mode is canceled by pressing and holding SEARCH for at least 2 seconds in Folder Search mode. · While in Folder Search mode, press SEARCH to switch to File Search mode. · "NO FILE" is displayed for 2 seconds if the folder that is selected by the Folder Search mode contains no files. · " " is displayed for the root folder (display example: CDA-9811).

ID3 tags/WMA tags This device supports ID3 tag v1 and v2, and WMA tag. If tag data is in an MP3/WMA file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data. This device can only display single-byte alphanumeric characters (up to 30) and the underscore. For non-supported characters, "NO SUPPORT" ("NO SUPRT" for CDA-9811) is displayed. Quick Search You can search for tracks(files).

Producing MP3/WMA discs MP3/WMA files are prepared, then written to a CD-R or CDRW using CD-R writing software. A disc can hold up to 510 files/folders (including Root Folders). 1 2 Press and hold SEARCH for at least 2 seconds in the CD/Changer/MP3/WMA mode to activate Quick Search mode. Turn the Rotary encoder within 10 seconds to select a desired track(file). The selected track is played back immediately.

for Media supported The media that this device can play back are CD-ROMs, CDRs, and CD-RWs. · Search mode is canceled by pressing and holding SEARCH at least 2 seconds in Quick Search mode. 11-EN 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), and are limited to 15 characters for WMA. 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, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc.

, are not displayed correctly. 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 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. Tag Song information such as track titles, artist names, album names, etc., written into MP3/WMA files.

MP3: ID3 tag WMA: WMA tag Formats supported This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session. This device cannot 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.

However, the folder and file playback order differs from the folder no. and file no. indicated on the display. 1 1 2 3 3 2 4 4 5 6 5 Folder MP3/WMA File 12-EN Sound Setting SOURCE/ POWER BAND/ Rotary encoder TEL. Preset buttons (1 through 6) 2-1*2 Setting the bass center frequency: Press g or f to select the desired bass center frequency.

60Hz 70Hz 80Hz 90Hz 100Hz 130Hz 150Hz 200Hz 60Hz 2-2*2 The displayed bass frequency is emphasized. Setting the bass band width (Q-Factor): Press BAND/TEL. to select the desired bass band width. B. Width1 B. Width2 B. Width3 B. Width4 (Narrow) ...

.....
.....
.....
.....

..... (Wide) g MX f T.CORR/ X-OVER EQ (CDA-9815/CDA-9813) CENTER f (CDA-9811) Adjusting Balance (Between Left and Right)/ Fader (Between Front and Rear)/Defeat Changes the boosted bass 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. 2-3 1 Press Rotary encoder repeatedly to choose the desired mode.

Each press changes the modes as follows: SUBWOOFER*1 BALANCE FADER DEFEAT VOLUME SUBWOOFER*1 Subwoofer : 0 ~ +15 Balance : L15 ~ R15 Fader : R15 ~ F15 Defeat : ON/OFF Volume : 0 ~ 35 Setting the bass level: Turn the Rotary encoder to select the desired bass level (7~+7). You can emphasize or weaken the bass frequency. Press g or f after selecting the Subwoofer mode, and the subwoofer output phase is toggled NORMAL (PHASE 0°) or REVERS (PHASE 180°). · If the Rotary encoder is not pressed within 5 seconds after selecting the BALANCE, FADER, DEFEAT or SUBWOOFER mode, the unit automatically returns to normal mode. · If you set the 2WAY/3WAY switch (page 38) to 3WAY, you cannot adjust the FADER mode on the CDA-9815/CDA-9813.

*1 When the subwoofer mode is set to OFF, its level and phase cannot be adjusted. · If no buttons are pressed within 15 seconds, the bass control setting will be turned off automatically.



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· The bass level settings will be individually memorized for each source (FM, AM, XM, CD, etc.) until the setting is changed. The bass frequency and bass band width settings adjusted for one source are effective for all other sources (FM, AM, XM, CD etc.)

· Depending on the connected devices, some functions and display indications do not work. However, bass level is still adjustable if an audio processor with the bass adjustment is connected. · This function is inoperable when DEFEAT is set to ON. *2 Selecting any of the "Setting the Bass Type" (TYPE 1 through 3), temporarily replaces the custom settings you have made above. Setting the Treble Control (CDA-9811 only) You can change the Treble Frequency emphasis to create your own tonal preference. 1 Press CENTER f to select the Treble (treble center frequency) Control mode. BASS TREBLE normal mode BASS 2 Turn the Rotary encoder until the desired sound is obtained in each mode. By setting Defeat ON, previously adjusted settings of BASS, TREBLE and EQ will return to the factory defaults and MX is turned off. 2-1 Setting the treble Center frequency: Press g or f to select the desired treble center frequency.

10.0kHz 12.5kHz 15.0kHz 17.5kHz 20.0kHz · Depending on the connected devices, some functions and display indications do not work. · When you press DISP/B.OUT, you can switch the Level Indicator display to the AUDIO Adjustment display on the CDA-9815/CDA9813 only. For details, see "Changing the Audio Level Display Pattern" (page 7). The displayed Treble frequency is emphasized.

2-2 Setting the treble level: Turn the Rotary encoder to select the desired treble level (7~+7). You can emphasize the treble frequency. Setting the Bass Control (CDA-9811 only) You can change the bass frequency emphasis to create your own tonal preference. 1 Press CENTER f to select the Bass (bass center frequency) Control mode. BASS TREBLE normal mode BASS · If no buttons are pressed within 15 seconds, the treble control setting will be turned off automatically.

· The treble level settings will be individually memorized for each source (FM, AM, XM, CD, etc.) until the setting is changed. The Treble frequency settings adjusted for one source are effective for all other sources (FM, AM, XM, CD, etc.). · Depending on the connected devices, some functions and display indications do not work.

However, treble level is still adjustable if an audio processor with the treble adjustment is connected. · This function is inoperable when DEFEAT is set to ON.

13-EN Setting the Bass Type (CDA-9811 only) This function allows for 3 different bass type settings. Select the one that appeals to you the most. Equalizer Presets (CDA-9815/CDA-9813 only) 3 typical equalizer settings are preset at the factory for a variety of musical source material. 1 2 Press and hold CENTER f for at least 2 seconds to set the bass type. Press g or f within 15 seconds to select the desired type (1 through 3). TYPE 1 will sound best if you have a subwoofer in your system. Use TYPE 2 or 3 if you are using small diameter speakers. 1 2 Press EQ and select the EQ mode.

Press either g or f. With each press of the button, the equalizer mode will display the selected equalizer characteristic. FLAT(OFF) POPS ROCK NEWS FLAT(OFF) FLAT POPS ROCK NEWS : Flat frequency : Emphasize midrange : Emphasize lows and highs : Boost midrange and suppress highs and lows 3 Press and hold CENTER f for at least 2 seconds to return to normal mode. · Bass center frequency and bass band width previously set are replaced when selecting TYPE 1 through 3. When bass type is set to OFF, your previous settings are restored. · Bass type is not selectable when connected to an external audio processor. Selecting directly Select the desired button (1 through 4). [1]: FLAT(OFF) [3]: ROCK [2]: POPS [4]: NEWS 3 Press EQ to return to normal mode. Adjusting the built-in Crossover (CDA-9811 only) The High and Low Pass Filters on this unit can be adjusted to suit your personal taste. · This function is inoperable when DEFEAT is set to ON (page 13).

· EQ mode is automatically canceled if no buttons are pressed within 15 seconds. · When you press DISP/B.OUT, you can switch the Level Indicator display to the EQ Adjustment display. For details, see "Changing the Audio Level Display Pattern" (page 7). 1 Press and hold T. CORR/X-OVER for at least 2 seconds. HPF - <Press momentarily> LPF* - <Press momentarily> normal mode - <Press and hold for 2 seconds> HPF Adjusting and Storing the Equalizer Curve (CDA-9815/CDA-9813 only) You can modify the Equalizer settings to create a response curve more appealing to your personal taste. * When the subwoofer output of this unit is turned off, LPF and phase are deactivated. 2 Press g or f to select the desired setting. HPF (Setting the High Pass Filter): FLAT (OFF) 80Hz 120Hz 160Hz All frequencies above the selected cutoff are output.

1 2 3 4 5 6 Press EQ to select the EQ mode. Press and hold EQ for at least 2 seconds. Press BAND/TEL. to select your desired frequency band. BAND1 BAND2 BAND3 BAND4 BAND5 BAND1 LPF(Setting the Low Pass Filter): FLAT (OFF) 80Hz 120Hz 160Hz All frequencies below the selected cutoff are output. (Only available when using the subwoofer output from this unit.) Press g or f to select your desired frequency. Adjustable frequency bands: 20Hz to 20kHz(in 1/3 octave steps) · If no buttons are pressed within 15 seconds, the setup menu returns to normal mode. · These functions are inoperative when an external, Ai-NET processor is connected. · The Bass and Treble controls effectiveness in modifying the sound, depends on their settings and where the HPF and LPF are set.

· 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. Turn the Rotary encoder to adjust the level. Press SOURCE/POWER to select your desired band width (Q). Adjustable band width: 1, 2, 3. To store the adjusted curve 1) Press and hold any one of the preset buttons (1 through 6) into which you wish to store the adjusted curve for at least 2 seconds. 7 8 To set another channel, repeat steps 3 to 6. After setting, press EQ to return to normal mode. · The frequencies of adjacent bands cannot be adjusted within 4 steps. · EQ mode is automatically canceled if no buttons are pressed within 15 seconds.

· This function is inoperable when DEFEAT is set to ON (page 13). 14-EN Recalling the Stored Equalizer Curve (CDA-9815/CDA-9813 only) 3 way mode Cut-off frequency (1/3 octave steps) HPF LPF 20 Hz 200 Hz HPF Slope 1 2 3 4 Level LPF FLAT, -6, -12, -18, -24 dB/oct 0 to - 12 dB Press EQ to select EQ mode.



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Press and hold EQ for at least 2 seconds. Press any one of the preset buttons (1 through 6) to activate your desired curve. Press EQ to return to normal mode.

Mid range speaker 20 Hz 200 Hz 20 Hz 20 kHz FLAT, -6, FLAT, -6, -12, -18, -12, -18, -24 dB/oct -24 dB/oct 0 to -12 dB Low range speaker ----- · EQ mode is automatically canceled if no operation is performed within 15 seconds. · This function is inoperable when DEFEAT is set to ON (page 13). · If you do not adjust the factory settings of (FLAT/POPS/ROCK/NEWS), the factory set display (FLAT/POPS/ROCK/NEWS) is shown preferentially. High range speaker 1 kHz 20 kHz ---- -6, -12, -18, -24 dB/oct ---- 0 to -12 dB About the Crossover (CDA-9815/CDA-9813 only) Crossover: This unit is equipped with an active crossover. The crossover limits the frequencies delivered to the outputs.

Each channel is controlled independently. Thus, each speaker pair can be driven by the frequencies for which they have been optimally designed. The crossover adjusts the HPF (high pass filter) or LPF (low pass filter) of each band, and also the slope (how fast the filter rolls off the highs or lows).

Adjustments should be made according to the reproduction characteristics of the speakers. Depending on the speakers, a passive network may not be necessary. If you are unsure about this point, please consult your authorized Alpine dealer. Low range Mid range High range (Different from actual display)

Level adjusting (0 to -12 dB) Output frequency range 2 way mode Cut-off frequency (1/3 octave steps) HPF Low range speaker LPF 20 Hz 200 Hz HPF Slope Slope FLAT Slope adjusting Level LPF FLAT, -6, -12, -18, -24 dB/oct 0 to -12 dB 20 Hz HPF cut-off frequency (Different from actual display) LPF cut-off frequency ---- Rear high range speaker Front high range speaker 20 Hz 200 Hz ---- FLAT, -6, -12, -18, -24 dB/oct FLAT, -6, -12, -18, -24 dB/oct ---- 0 to -12 dB 20 Hz 200 Hz ---- 0 to -12 dB Low range High range · HPF (high pass filter): Cuts the lower frequencies and allows the higher frequencies to pass. · LPF (low pass filter): Cuts the higher frequencies and allows the lower frequencies to pass. · Slope: The level change (in dB) for a frequency change of one octave. · The higher the slope value, the steeper the slope becomes.

· Adjust the slope to FLAT to bypass the HP or LP filters. · Do not use a tweeter without the HPF on or set to a low frequency, as it may cause damage to the speaker due to the low frequency content. · You cannot adjust the crossover frequency higher than the HPF or lower than the LPF. · Adjustment should be made according to the recommended crossover frequency of the connected speakers. Determine the recommended crossover frequency of the speakers.

Adjusting to a frequency range outside that recommended may cause damage to the speakers. For the recommended crossover frequencies of Alpine speakers, refer to the respective Owner's Manual. We are not responsible for damage or malfunction of speakers caused by using the crossover outside the recommended value. (Different from actual display) 15-EN Adjusting and Storing the Crossover Settings (CDA-9815/CDA-9813 only) Before performing the following procedures, refer to "About the Crossover"(page 15). 5 Turn the Rotary encoder to select the desired output level.

Adjustable output level: -12 to 0 dB. 1 Press and hold T.CORR/X-OVER for at least 2 seconds. To store the adjusted contents 1) Press and hold any one of the preset buttons (1 through 6) for at least 2 seconds into which you wish to store the adjusted contents. 6 7 2 WAY System For setting another channel, repeat the steps 2 to 5.

After setting, press T.CORR/X-OVER to return to normal mode. 2 3 4 5 Press BAND/TEL. to select desired parameter. LOW (Subwoofer) REAR FRONT LOW (Subwoofer) Press g or f to select desired cut-off frequency point (cross over point).

Adjustable frequency bands: 20Hz to 200Hz (in 1/3 octave steps) · About the 2way/3way system You can switch to 2way/3way system mode with the 2way/3way switch on the side of the unit (page 38). When setting to "3 WAY ": The unit can be operated in a 3 way system. F/R Sub. W Press SOURCE/POWER to select desired slope. Adjustable slope: 0 (FLAT (OFF)), 1 (-6 dB/oct.), 2 (-12 dB/oct.), 3 (-18 dB/oct.), 4 (-24 dB/oct.) 3WAY When setting to "F/R/Sub.W ": The unit can be operated in a 2 way system.

· Crossover mode is automatically canceled if no operation is performed within 15 seconds. Turn the Rotary encoder to select the desired output level.

Adjustable output level: -12 to 0 dB. To store the adjusted contents 1) Press and hold any one of the preset buttons (1 through 6) for at least 2 seconds into which you wish to store the adjusted contents. Recalling the Stored Crossover Settings (CDA-9815/CDA-9813 only) 1 2 3 Press and hold T.CORR/X-OVER for at least 2 seconds. Press any one of the preset buttons (1 through 6) that has your desired crossover settings in memory. Press T.CORR/X-OVER to return to normal mode. 6 7 For setting another channel, repeat the steps 2 to 5.

After setting, press T.CORR/X-OVER to return to normal mode. · Crossover mode is automatically canceled if no operation is performed within 15 seconds. · Crossover mode is automatically canceled if no operation is performed within 15 seconds. 3 WAY System 2 3 Press BAND/TEL.

to select desired parameter. LOW MID-L MID-H HIGH (HI) LOW Press g or f to select desired cut-off frequency point (cross over point). Adjustable frequency bands: LOW MID-L MID-H HIGH : 20Hz to 200Hz (in 1/3 octave steps) : 20Hz to 200Hz (in 1/3 octave steps) : 20Hz to 20kHz (in 1/3 octave steps) : 1kHz to 20kHz (in 1/3 octave steps) 4 Press SOURCE/POWER to select the desired slope. Adjustable slope: 0 (FLAT (OFF))* , 1 (-6 dB/oct.), 2 (-12 dB/oct.)

, 3 (-18 dB/oct.), 4 (-24 dB/oct.) * FLAT cannot be set for the HIGH slope. 16-EN About Time Correction The distance between the listener and the speakers in a car vary widely due to the complex speaker placement. 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-9815/CDA-9813/CDA-9811 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 0.

1 ms steps. Example 2. Listening Position: All Seats Adjust the time correction level of each speaker to almost the same level.



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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. $L = (\text{distance to farthest speaker}) - (\text{distance to other speakers})$ 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. 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 *1 *1 *1 Subwoofer speaker. CDA-9811 only 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 " *1 " on page 18. 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"). Here we calculate the time correction value for the front left speaker in the diagram on the above.

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 = $1.75 \div 343 \times 1000 = 5.1 \text{ (ms)}$ *2 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 its distance from the listener is the same as the distance to the farthest speaker. 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. 17-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. 1 2 Press T.CORR/X-OVER to select the Bass Focus mode. Bass Focus mode Time correction mode normal mode Bass Focus mode (2) Press BAND/TEL. to select the left (front and rear) speakers. Then turn the Rotary encoder to select 1.

5 ms (Delay no. 15 in the table). The time difference is 3.0 ms*2 for the front left speaker, and 1.5ms for the left rear speaker, creating the impression of an equal listening between the front left speaker and the other speakers.

Press BAND/TEL. to select the speakers to be adjusted (see below). 3.0ms 1.5ms 1.

5ms 1.5ms FL RL FR RR FL RL FR RR 1.5ms *1 Front (left-right) speakers Left (front-rear) speakers *1 Subwoofer speaker. CDA-9811 only 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 the above, you can change the positions of the left and right speakers by delaying the time . *2 Because the time difference was already set to 1.5 ms for the front left speaker to begin with, the additional correction of 1.5 ms makes the total time difference of the front left speaker 3.0 ms.

Time Difference Table Delay Number 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 Delay Number 14 15 16 17 18 19 20 21 22 23 24 25 26 27 Time Difference (ms) 1.4 1.5 1.6 1.7 1.8 1.9

9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 Delay Number 28 29 30 31 32 33 34 35 36 37 38 39 40 - 98 99 Time Difference (ms) 2.8 2.9

9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9

9 4.0 - 9.8 9.9 FL RL FR RR FL RL FR RR Rear (left-right) speakers Right (front-rear) speakers 3 4 5 Turn the Rotary encoder to adjust the delay (see Time Difference Table). To set another channel (speakers), repeat steps 2 and 3.

After setting, press and hold T.CORR/X-OVER for at least 2 seconds to return to normal mode. Any manual time correction adjustments will also affect corrections made in Bass Focus. Bass Focus mode is automatically canceled if no operation is performed within 15 seconds. Example setting for steps 2 and 3 (1) Press BAND/TEL.

to select the front (left and right) speakers. Then turn the Rotary encoder to select 1.5 ms (Delay no. 15 in the table). The time difference is 1.5 ms for both front (left and right) speakers. 1.5ms 1.5ms *1 18-EN Adjusting and Storing the Time Correction (Storing available on CDA-9815 only) Before performing the following procedures, refer to "About Time Correction" (page 17). Setting the MX Mode 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 Press T.CORR/X-OVER to make time corrections. Each press changes the mode as follows: Bass Focus mode Time Correction mode normal mode Bass Focus mode 1 2 3 4 Press MX to select MX ON. Press SOURCE/POWER to select the source to which you want to apply MX (Media Xpander). Press and hold MX for at least 2 seconds to activate the level setting mode. Turn the Rotary encoder to select your preferred level or OFF. 2 Press BAND/TEL. to select a speaker to be adjusted. CDA-9815/CDA-9813 FLFRRLRRSLRFL CDA-9811 FLFRRLRRFL 3 FM (MX level 1 to 3): The medium to high frequencies become clearer, and produces well balanced sound at all frequencies.

CD (MX level 1 to 3): CD mode processes a large quantity of data. This data processing power takes advantage of CD quality sound sources. MP3/WMA/XM (MX level 1 to 3): This corrects information that was lost at the time of compression. This reproduces a well-balanced sound close to the original. DVD (Video CD) (MOVIE MX level 1 to 2): The dialog portion of a video is reproduced more clearly.

(MUSIC MX level 1): A DVD or Video CD 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. If two external devices are connected, a different MX mode for each media can be selected. Turn the Rotary encoder to adjust the desired time correction value.

To store the adjusted contents (CDA-9815 only) 1) Press and hold any one of the preset buttons (1 through 6) for at least 2 seconds into which you wish to store the adjusted contents. 4 5 Repeat step 2 and 3 to set another speaker. After setting, press and hold T.CORR/X-OVER for at least 2 seconds to return to normal mode.



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· If no operation is performed in 15 seconds, the unit returns to normal mode. Recalling the Stored Time Correction Settings (CDA-9815 only) 1 Press T.CORR/X-OVER to make time corrections. Each press changes the mode as follows: Bass Focus mode Time Correction mode Normal mode Bass Focus mode 5 Press Rotary encoder to return to normal mode. 2 3 Press the preset button (1 through 6) that has your desired time correction in memory. Press and hold T.

CORR/X-OVER for at least 2 seconds to return to normal mode. · Time Correction mode is automatically canceled if no operation is performed within 15 seconds. · To cancel MX mode for all music sources, press MX 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/WMA and CD-DA, when the source changes from "MP3/WMA to CD-DA" or "CD-DA to MP3/WMA," MX-mode switching may delay playback slightly. · Setting to MX OFF sets MX mode of each music source to OFF. · This function is inoperable when DEFEAT is set to ON. · MX mode does not function when MX is set to ON for AM radio. @@In this case the audio processor needs to be adjusted.

@@@@*2 CLOCK can be adjusted. *3 Displayed during playback of a disc with CD Text. @@@@All other tag data is ignored.

@@@@@@@@@@@@@@@@Text: Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text."

" Press TITLE /. The display will change every time the button is pressed. The display in Radio mode: CDA-9815 *1 TITLE FREQUENCY TITLE CLOCK *2 TITLE FREQUENCY *1 CDA-9813/CDA-9811 FREQUENCY CLOCK TITLE FREQUENCY The display in CD mode: CDA-9815 *2 TRACK NO./ TRACK NO./ ELAPSED TIME ELAPSED TIME TEXT CLOCK (DISC NAME)*3 · 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 (page 23) is set to "SCROLL MANUAL," press and hold TITLE / for at least 3 seconds to scroll the Text information only once (TEXT DISPLAY, FOLDER NAME DISPLAY, FILE NAME DISPLAY or TAG DISPLAY mode). · "NO SUPPORT" ("NO SUPRT" for CDA-9811) is displayed when the desired text information cannot be displayed on this unit. · If the title was not previously input, "NO TITLE" is displayed. TEXT (DISC NAME)*3 TEXT (TRACK NAME)*3 *1 TEXT (TRACK NAME)*3 TITLE TITLE TRACK NO./ ELAPSED TIME *2 TRACK NO./ ELAPSED TIME CLOCK CDA-9813/CDA-9811 TRACK NO./ELAPSED TIME TRACK NO./CLOCK TEXT (DISC NAME)*3 TEXT (TRACK NAME)*3 TITLE TRACK NO./ELAPSED TIME The display in MP3/WMA mode: CDA-9815 *2 FOLDER NO.

/ FILE NO. ELAPSED TIME FOLDER NO./ FILE NO. @@@@@@@@@@@@@@@@@@@@@@Press TITLE / to cancel the title erasing mode. Press BAND/TEL. @@@@@@@@@@@@@@@@@@For details, see "Displaying the Title/Text" (page 20). @@@@@@@@@@@@@@@@@@The operations described in steps 3 to 5 must be made within 10 seconds. The input mode will be canceled if no action is taken for over 10 seconds. Press and hold DISP/B.OUT for at least 3 seconds to activate the blackout mode.

The display will turn off. · 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 Blackout mode, press and hold DISP/B.OUT for at least 3 seconds. 21-EN i-Personalize™ Operation (CDA-9815 only) SOURCE/ POWER -/J Rotary encoder Data Downloading 1 2 3 Insert the CD-R disc containing the data.

If the source is not the CD mode, press SOURCE/ POWER to change to CD mode. Press and hold -/J for at least 2 seconds. The mode switches to the download mode to show the download confirmation screen. Turn the Rotary encoder to select "OK," then press the Rotary encoder. Data search of the disc starts and the first file name is displayed.

· Selecting "NG" will halt the download mode. · If a file is not found by the data search, "NO FILE" is indicated. · The "NO FILE" display will automatically disappear if no operation is performed for 5 seconds. 4 About i-Personalize™ You can download data (from Alpine's website) to a CD-R, and download and store the data to the CDA-9815. To start i-Personalize, access the URL below and follow the on-screen instructions. Turn the Rotary encoder to select "DOWNLOAD," and then press the Rotary encoder to start. Data downloading starts. The file currently shown in the display is downloaded. If you want to download other files, select NEXT FILE to call up file names. CANCEL : Halts the download DOWNLOAD : Starts the download NEXT FILE : Searches the next file <http://www>.

[alpine.com](http://www.alpine.com) or <http://www.alpine-usa.com> Downloadable data Parametric equalizer Time correction Crossover Data is memorized in Preset 6 of the Parametric EQ Mode. Data is memorized in Preset 6 of the Time Correction Mode. Data is memorized in Preset 6 of the crossover mode. 5 When data download is finished successfully, the confirmation screen is displayed for 5 seconds and the download mode closes. Successfully downloaded items are indicated as checked boxes on the confirmation screen. PARAMETRIC EQ data The data is memorized in Preset 6 of Parametric EQ mode. The memorized data settings in Preset 6 (Parametric EQ mode) are automatically applied.

X-OVER (Cross over) data The data is memorized in Preset 6 of X-OVER mode. The memorized data settings in Preset 6 (X-OVER mode) are automatically applied. You cannot download the data if the setting of the 2WAY/3WAY switch is not suitable for the data. @@@@You can create a file name via the website. Do not change a file name once it has been created.

Malfunction may result. @@@@@@@@@@@@@@@@@@@@@@CDA-9815/CDA-9813 only. Displayed only when AUX is ON. "Radio" (page 8) This CD player can scroll the disc and track names recorded on CDTEXT discs, as well as the text information of MP3/WMA files, folder names, and tags. SCROLL AUTO : The CD text information, the text information of folder and file names, and the tags are scrolled automatically.

SCROLL MANUAL : The display is scrolled only when a disc is loaded or when a track is changed, etc. 3 4 Press BAND/TEL. to change the setting. (e.g. Select BEEP ON or BEEP OFF.) Press F/SETUP again. The display returns to normal mode. · The unit scrolls CD text names, folder names, file names or tag display. The disc titles input manually (page 21) cannot be scrolled.

Sound Customizing Switching the Tuner Mode NORMAL (Initial setting) / HI-FI / STABLE This unit incorporates the MAX TUNE SQ for the highest quality tuner audio.



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Moreover, you can choose between three settings to suit your own personal sound preferences and usage. **NORMAL:** Standard setting **HI-FI:** Sound quality priority setting **STABLE:** Noiseless priority setting · If you find the sound is very noisy while listening to the tuner in HiFi mode, we recommend you change to Normal mode. **23-EN Scroll Type Setting (CDA-9815 only) TYPE1 (Initial setting)/TYPE2** Connecting to an External Amplifier **PWR-IC ON (Initial setting) / PWR-IC OFF** Two types of scroll can be selected. **TYPE1:** The upper line and lower line scroll alternately. **TYPE2:** The upper line and lower line scroll at the same time, but at different speeds, when the "Scroll Setting" (page 23) is set to "SCROLL AUTO." When an external amplifier is connected, sound quality can be improved by stopping the power supply of the built-in amplifier. **PWR-IC OFF :** Use this mode when the front and rear preamplifier of the unit are used to drive an external amplifier connected to the speakers. In this setting, the head unit's internal amplifier has no output to drive speakers. Front left Front right

Rear left Rear right Switching the Character Font (CDA-9815 only) **TYPE-1 (Initial setting)/TYPE-2** Two types of font can be selected.

You can select the font type you like. **Amplifier Adjusting Display Contrast (CDA-9815 only) CONTRAST Amplifier** You can adjust the display contrast for better visibility. You can adjust in a range of - 6 and + 6. · The initial setting at the factory is "0." (Connecting example for CDA-9815) **PWR-IC ON :** The speakers are driven by the built-in amplifier.

Demonstration DEMO ON/DEMO OFF (Initial setting) Speakers SPEAKER RIGHT FRONT This unit has a Demonstration feature which simulates the display functions. · To quit Demo mode, set to **DEMO OFF.** Front right **MP3 Playing MP3 Data CD-DA (Initial setting)/CD-DA/MP3 SPEAKER RIGHT REAR** Rear right This product can playback CDs containing both CD and MP3 data. However, in some situations (some enhanced CDs), playback may be difficult. For these special cases, you can select playback of CD data only.

When a disc contains both CD or the MP3 data, playback starts from the CD data portion of the disc. **CD-DA :** Only CD data can be played back. **CD-DA/MP3 :** Both CD data and MP3/WMA file tracks can be played back. **SPEAKER LEFT REAR** Rear left **SPEAKER LEFT FRONT** Front left · No sound is produced by the system when the power output is set to **OFF.** · Perform this setting before inserting a disc. If a disc has already been inserted, perform the setting after you remove the disc. (If you use an MP3 changer, you have to change discs.) **Setting Tone Defeat for External Devices INTERRUPT ON / INTERRUPT OFF (Initial setting) External Device Turning Mute Mode On/Off MUTE ON (Initial setting)/ MUTE OFF** When inputting external devices to this unit, turning tone defeat on will bypass **BASS, TREBLE, EQ** and **MX**, i.e., sound for external devices is output at the default setting.

If a device having the interrupt feature is connected, audio will be automatically muted whenever the interrupt signal is received from the device. **Setting the AUX Mode (V-Link) AUX ON / AUX OFF (Initial setting)** You can input TV/video sound by connecting an optional **Ai-NET/ RCA Interface cable (KCA-121B)** or **Versatile Link Terminal (KCA410C)** to this component. You can change the AUX name display when **AUX ON** is set. Select the AUX name by pressing **g** or **f**. Then press **BAND/TEL.** If the **KCA-410C** is connected, it is possible to select two AUX names. · Via **KCA-410C**, up to 2 external devices with RCA output can be connected. In this case, press **SOURCE/POWER** to select AUX mode and then press **BAND/TEL.** to select your desired device. **24-EN XM Radio (Optional) SOURCE/ POWER BAND/ TEL.**

TITLE / 8 Rotary encoder 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. 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-9815/CDA-9813/ CDA-9811** in the following way. **1** While receiving **XM1, XM2** or **XM3**, press **g** or **f** to select channel "0." The unit alternately displays "RADIO ID" for 2 seconds, then the ID number for 10 seconds.

While displaying "RADIO ID" as shown above, **Blackout (page 21)** and **Demonstration (page 24)** become nonfunctional. **g f 9 SEARCH F/SETUP Preset buttons (1 through 6) 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 1-800-852-9696. An optional XM Satellite Radio Receiver (TUA-T021XM) and an optional XM antenna may be connected to the **CDA-9815/CDA-9813/ CDA-9811.** With an XM Receiver connected to the **Ai-NET** input of the **CDA-9815/CDA-9813/CDA-9811**, the XM Receiver will be controllable from the **CDA-9815/CDA-9813/CDA-9811.** * XM and its corresponding logos are trademarks of XM Satellite Radio Inc. · The controls on the **CDA-9815/CDA-9813/CDA-9811** for XM Receiver operation are operative only when an XM Receiver is connected. · The **XM1, XM2** or **XM3** band illuminates when in XM mode. **2** To cancel the ID number display, set the channel to other than "0." · There is another way to display your ID number. **1. Press and hold F/SETUP for at least 3 seconds.**

2. Press g or f repeatedly to select "ID." **3. Press BAND/TEL.** to display your ID number. **4. After checking your ID number, press F/SETUP** to return to the normal display. · 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-T021XM). **Storing XM Channel Presets 1 2 Press BAND/TEL.**

to select the desired band (**XM1, XM2** or **XM3**) you want to store. After tuning in the desired channel, 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. **1 2 3 Press SOURCE/POWER** to select XM mode. Press **BAND/TEL.**

to select **XM1, XM2** or **XM3.** Each press changes the band: **XM1 XM2 XM3 XM1 3 Repeat the procedure** to store up to 5 other channels onto the same band. Press **g** or **f** to select the desired channel. Holding the **g** or **f** will change channels continuously. · To use this procedure for other bands, simply select the band desired and repeat the procedure.

· A total of 18 channels can be stored in the preset memory (6 channels for each band; **XM1, XM2** and **XM3**).



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