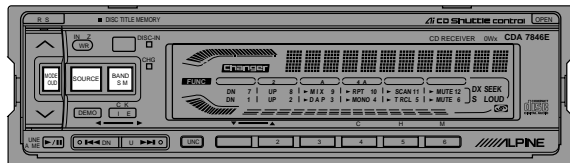# //////ALPINE®

CDA-7846E

FM/AM Compact Disc Receiver

- OWNER'S MANUAL (page 2- page 55)
    Please read this manual to maximize your enjoyment of the outstanding performance and feature capabilities of the equipment, then retain the manual for future reference.

COMPACT
disc
DIGITAL AUDIO

Precautions

⚠ **Warning** This label is intended to alert the user to the presence of important operating instructions.
Failure to heed the instructions will result severe injury or death.

DO NOT DISASSEMBLE OR ALTER. Doing so may lead to accident, fire or electric shock.

KEEP SMALL ARTICLES OUT OF THE REACH OF CHILDREN. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES. Failure to do so may result in fire or electric shock.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS. When problems occur such as a lack of sound or video, foreign objects inside the unit, smoke coming out, or noxious odors, stop use immediately and contact the dealer where you bought the equipment. Failure to do so may result in an accident or injury.

DO NOT OPERATE THE EQUIPMENT OR LOOK AT THE SCREEN WHILE DRIVING THE VEHICLE. Operating the equipment may distract the driver from looking ahead of the vehicle and cause accident. Always stop the vehicle in a safe location before operating this equipment.

DO NOT RAISE THE VOLUME EXCESSIVELY. Keep the volume at a level where you can still hear outside noises while driving. Driving while unable to hear outside noises could be the cause of accident.

DO NOT USE THIS EQUIPMENT FOR PURPOSES OTHER THAN STATED FOR THE VEHICLE. Failure to do so may result in electric shock or injury.

DO NOT PLACE FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS. Do not insert hands, fingers or foreign objects in the disc or cassette insertion slots, or in gaps during monitor startup/storage. Doing so may result in personal injury or damage to the equipment.

⚠ **Caution** This label is intended to alert the user to the presence of important operating instructions.
Failure to heed the instructions can result injury or material damage.

DO NOT BLOCK VENTS OR RADIATOR PANELS. Blocking them may cause heat to build up inside and may result in fire.

STOP THE VEHICLE IF UNIT OPERATION MIGHT INTERFERE WITH DRIVING.

English

Contents

3

Precautions

Thermal

Be sure the temperature inside the vehicle is between +60°C (+140°F) and –10°C (+14°F) before turning your unit on.

+60°C
–10°C
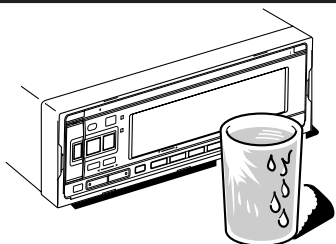
Moisture Condensation

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.
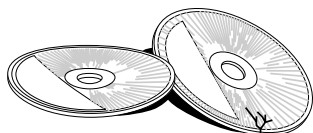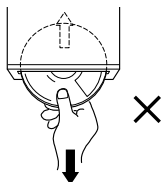

Damaged Disc

Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.


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.

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.
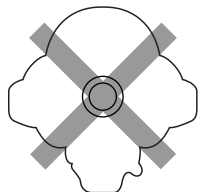
Irregular Shaped Discs

Make sure the discs you use in this unit do not have any irregularities. The outer and inner edges should be round and smooth. Use of irregularly shaped discs may cause damage to the mechanism.


Precautions

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 (located behind the detachable front panel) with a pointed object such as a ball-point 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.

New Discs

Center Hole
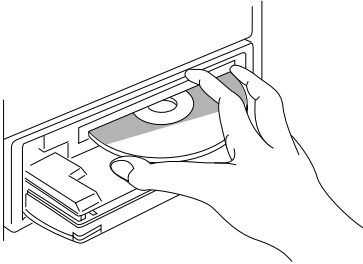
Bumps

As a protective measure, the CD player will automatically eject discs that have either been inserted incorrectly or have irregular surfaces. If a new disc is ejected immediately after loading, use your finger to feel around the outer edge of the CD and its center hole. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ball-point pen or other such instrument, then insert the disc again.

Center Hole　**New Disc**

Outside (Bumps)

5
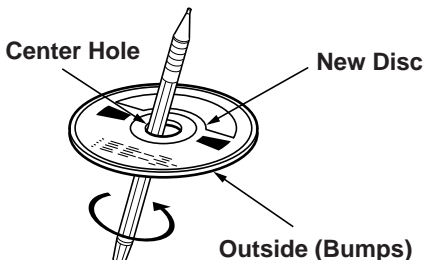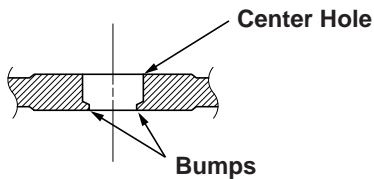
Precautions
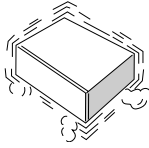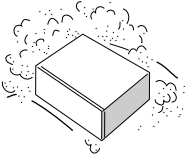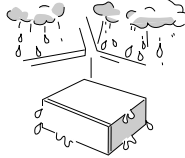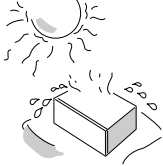
Installation Location

Make sure the CDA-7846E player/receiver will not be exposed to:

- Direct sun and heat
- High humidity
- Excessive dust
- Excessive vibrations

Handling the Detachable Front Panel

- Do not expose to rain or water.
- Do not drop or apply shock.

Detachable Front Panel
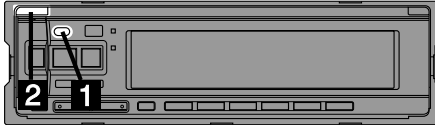
Detaching the Front Panel

1

INTLZ
PWR

Press the PWR (Power) button to turn off the power.

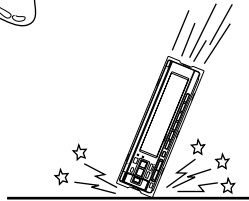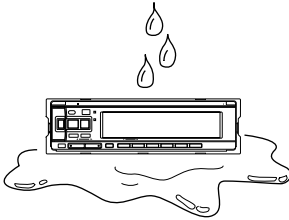**2**

RLS
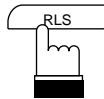
Press the RLS (release) button until the front panel pops out.

3
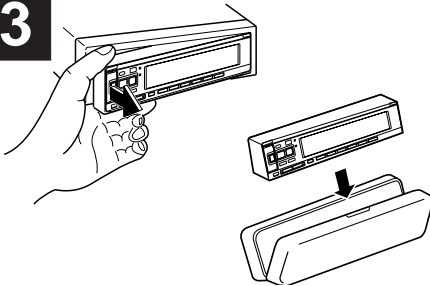
Grasp the left side of the front panel and pull it out.

Notes:
*   **The front panel may become hot (especially the connector terminals), this is not malfunction.**
*   **To protect the front panel, place it in the supplied carrying case.**

Attaching the Front Panel
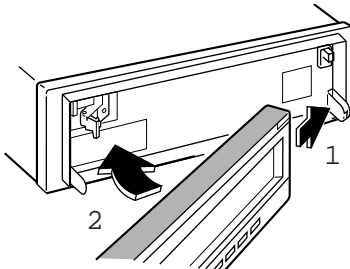
1. First, insert the right side of the front panel into the main unit. Align the 2 small holes on the front panel with the 2 projections on the main unit.
2. Push the left side of the front panel until it locks firmly into the main unit.

Note: Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign objects between the front panel and main unit.

7
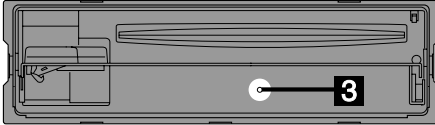
Initial System Start-Up

1
When operating the unit for the first time after installation or after the vehicle's battery has been disconnected and reconnected, set the volume level to its minimum, then remove the detachable front panel. (Refer to page 7.)
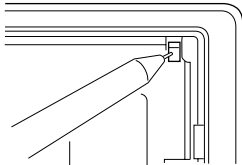
2
Press the button with a ball-point pen or any other pointed object. The plate opens automatically.

3
There is a small hole at the lower right side. Behind this hole the red Reset switch is located. Press the Reset switch with a ball-point pen or any other pointed object.

4
Push the plate to close it until a click sound is produced.

5
Attach the front panel (see page 7).
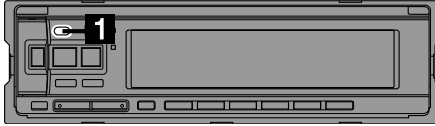
Turning Power On and Off

1

NTLZ
PWR

Press the PWR button to turn off the unit.

The volume level gradually increases to the previous level you were listening to before the unit was turned off. Press the PWR button again to turn off the unit.

Turning Loudness On/Off

Loudness introduces a special low- and high-frequency emphasis at low listening levels. This compensates for the ear's decreased sensitivity to bass and treble sound.

1
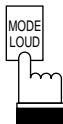
MODE
LOUD

LOUD

Press and hold the LOUD button for at least **2** seconds to activate or deactivate the loudness mode.

The display shows "LOUD" when the loudness mode is activated.

Note: Depending on the device connected to the CDA-7846E, not all functions or display indications will operate as described. For details, consult your Alpine dealer.

9
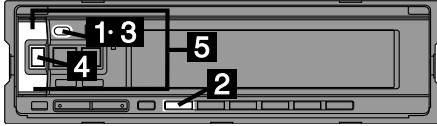
Subwoofer On and Off

Change the setting when an optional product having the Subwoofer output terminals is Ai-NET connected.

1

NTLZ
PWR

Press and hold the PWR button for at least **3** seconds.

2

F1
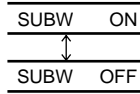
| SUBW | ON |
| SUBW | OFF |

Press the F1 button repeatedly to select "SUBW.". With each press, subwoofer is toggled ON or OFF.

When the subwoofer is ON:
Press the MODE button for at least **2** seconds repeatedly, and the subwoofer output phase is toggled 0° or 180°.

3

INTLZ
PWR

Press the PWR button, after setting the subwoofer ON.

4

MODE
LOUD

VOLUME
BALANCE
FADER
Subwoofer
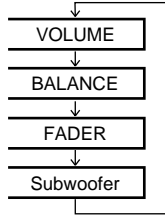
Press the MODE button repeatedly to select the subwoofer mode.

5
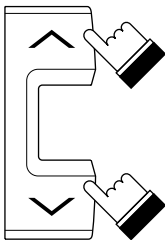
SW 15

Press the ⌃ or ⌄ button to adjust the subwoofer output level.
The setting is displayed for 5 seconds and then memorized.
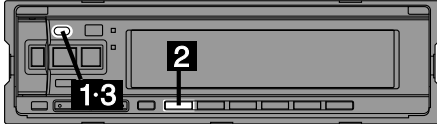
Non Fading Pre-Out (N.F.P.) On and Off

1

NTLZ
PWR

Press and hold the PWR button for at least **2** seconds.

2

F1

N.F.P.   ON

↕
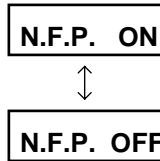
N.F.P.   OFF

Press the F1 button.
With each press, N.F.P. is toggled On or Off.

N.F.P. ON: In this position, the Front Pre-
            Output will not be affected by the
            fader. This is ideal for driving a
            subwoofer amplifier.
N.F.P. OFF: Returns to normal fader mode.

Note: Set the N.F.P. to OFF unless the
            subwoofer is used.

3

INTLZ
PWR
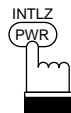
Press the PWR button to set the selected mode.

Adjusting Volume/Bass/ Treble/Balance/Fader

1

```
  ┌──────────┐
  ↓          │
VOLUME       │
  ↓          │
 BASS        │
  ↓          │
TREBLE       │
  ↓          │
BALANCE      │
  ↓          │
FADER ───────┘
```
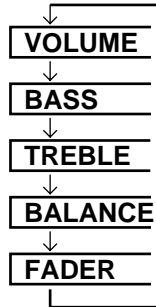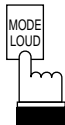
MODE
LOUD

Press the MODE/LOUD button repeatedly to choose the desired mode.

Notes:
• If the ⌃ or ⌄ button is not pressed in 5 seconds after selecting the BASS, TREBLE, BALANCE and FADER modes, the unit automatically returns to the VOL mode.
• With the subwoofer mode turned on, the subwoofer output level can be adjusted.

2
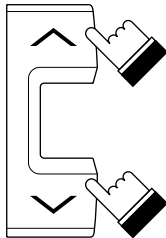
Press the button ⌃ or ⌄ until the desired sound is obtained in each mode.

Note: The BASS and TREBLE settings for each source (FM, AM and CD) are automatically memorized. These settings remain until you manually change them.

12
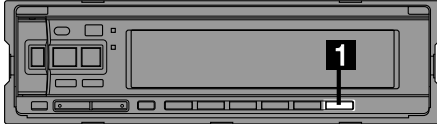
Audio Mute Function

Activating this function will instantly lower the volume level by 20 dB.

1

F6

F6 (ON)
► MUTE
↕
F6 (OFF)
MUTE
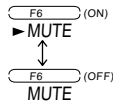
Press the F6 button to activate the MUTE mode. The volume bar graphic indicator will flash in the display and the audio level will decrease by about 20 dB.
Pressing the F6 button again will bring the audio back to its previous level and the display will return to normal.

In the CD mode, press the F6 button when the FUNC indicator is off.
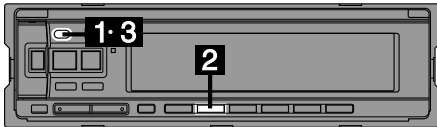
Sound (Beep) Guide Function

This function will give audible feedback with varying tones depending upon the button pressed.

1

NTLZ
PWR

Press and hold the PWR button for more than **2** seconds.

2

F2

BEEP   ON
↕
BEEP   OFF
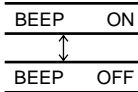
With each press of the F2 button, BEEP is toggled ON or OFF.

3

INTLZ
PWR

Press the PWR button to set the selected mode.

13
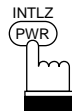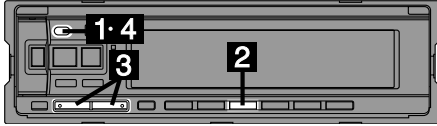
Adjusting Display Contrast

You can adjust the display contrast for better visibility.

1

INTLZ
PWR

Press and hold the PWR button for at least **2** seconds.

2

F3

Press the F3 button. The "CONTRAST" is displayed.

3

CONTRAST   0

○ |◀◀ DN   UP ▶▶| ○
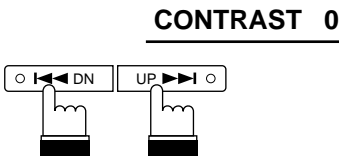
Press the |◀◀ or ▶▶| button to adjust the contrast of the display. You can adjust in a range of –6 and +6.
The initial setting at the factory is "0".

4

INTLZ
PWR

Press the PWR button to set the selected mode.

14
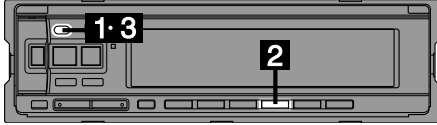
Turning Mute Mode On/Off

With a cellular phone or navigation system connected, audio will be interrupted whenever a call is received. This function can be manually turned ON or OFF from the head unit by following procedure below.

1

NTLZ
PWR

Press and hold the PWR button for at least **2** seconds.

2

F4

MUTE ON
↕
MUTE OFF
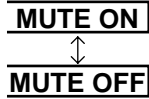
With each press of the F4 button, the MUTE is toggled ON or OFF.

3

NTLZ
PWR

Press the PWR button again to return to normal operation.
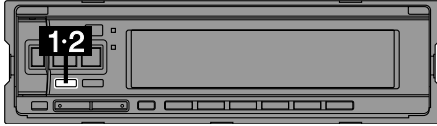
Demonstration

In the Demonstration (DEMO) mode, the unit scans each function of the sources; Tuner, CD player and CD shuttle if an optional CD Shuttle is connected.

1

DEMO

Press the DEMO button to activate the DEMO mode.
The DEMO mode is activated and the unit automatically performs the operation.

2

DEMO

To end the DEMO mode, press the DEMO button.

Displaying Time

1

CLK
TITLE
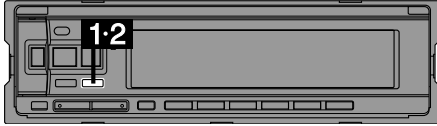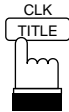
12:00

Press the CLK (CLOCK) button to display the time. The unit displays the time.

Note: Selecting any tuner or CD function while in the Clock mode will interrupt the time display momentarily. The function selected will be displayed for about 5 seconds before the time returns to the display.

2

CLK
TITLE
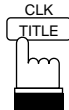
Press the CLK (CLOCK) button to turn off the time and to show other functions.

Setting Time

1

CLK
TITLE
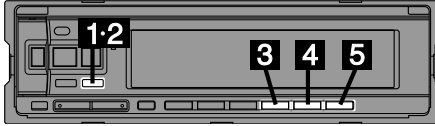
12:00

Press the CLK (CLOCK) button to display the time.

Note: If the power to the unit is off, turn the power.

2

CLK
TITLE
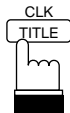
12:30

Press and hold the CLK (CLOCK) button for at least **2** seconds. The time indication will begin to blink.

3

F4

12:00

Press the F4 button while the time indication is blinking to set seconds to "0".

4

F5

9:00

Example: To adjust to 9:35

Press the F5 button to adjust the hours while the time indication is blinking.

5

F6

9:35

↓

9:35

Press the F6 button to adjust the minutes while the time indication is blinking. The time indication will stop blinking 5 seconds after the last adjustment. The time will automatically be set.
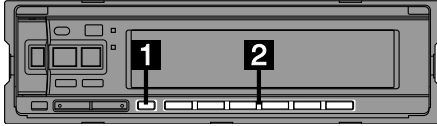
Using the Function Button

The chart below describes the function of each preset button. The function will change depending upon the source selected and the condition of the FUNCTION switch, ON or OFF.

1 FUNC

Press the FUNC (FUNCTION) button. The function mode will change each time you press the button. (Refer to the chart below.)

2

Press any one of the F1 – F6 buttons.

| F1 | F2 | F3 | F4 | F5 | F6 |
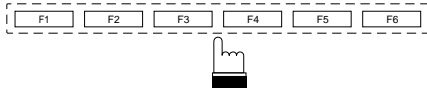
Mode	Function indicator (on/ off)	F1	F2	F3	F4	F5	F6
		Preset 1	Preset 2	Preset 3	Preset 4	Preset 5	Preset 6
Radio	FUNC	P–DN (Preset DOWN)	P–UP (Preset UP)	D.A.P. (Direct Access Memory Preset)	MONO (Stereo/Monaural)	T.RCL (Tuner Recall)	MUTE
CD				M.I.X. (Randam Play)	RPT (Repeat)	SCAN	MUTE
6-CD Changer		Disc Select 1	Disc Select 2	Disc Select 3	Disc Select 4	Disc Select 5	Disc Select 6
	FUNC	D–DN (Disc DOWN)	D–UP (Disc UP)	M.I.X. (Randam Play)	RPT (Repeat)	SCAN	MUTE
12-CD Changer		Disc Select 1	Disc Select 2	Disc Select 3	Disc Select 4	Disc Select 5	Disc Select 6
		Disc Select 7	Disc Select 8	Disc Select 9	Disc Select 10	Disc Select 11	Disc Select 12
	FUNC	D–DN (Disc DOWN)	D–UP (Disc UP)	M.I.X. (Randam Play)	RPT (Repeat)	SCAN	MUTE
Clock Adjust-ment					Time Signal Adjust-ment (CT)	Hour Adjustment (HOUR)	Minute Adjust-ment (MIN)

Radio Operation
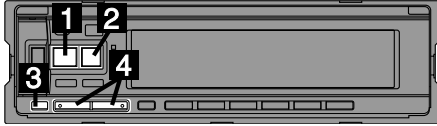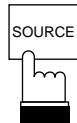
Manual Tuning

1

SOURCE

Press the SOURCE button to select the radio mode.

2

BAND
T.S.M.

↓
FM1
↓
FM2
↓
AM

Press the BAND button repeatedly until the desired radio band is displayed.

3

TUNE
A. ME   ►/Ⅱ

↓
DX SEEK
↓
LOCAL SEEK
↓
MANUAL

Press the TUNE button repeatedly until "MANUAL" appears in the display.

Note: The initial mode is DX SEEK.

4

F1   82.5

○ |◄◄ DN   UP ►►| ○
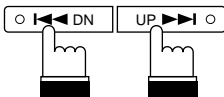
Press the (|◄◄) DN or UP (►►|) button to move downward or upward one step respectively until the desired station frequency is displayed.

Note: The "ST" indicator appears on the display when a Stereo FM station is tuned in. If the stereo FM signal becomes weak, the "ST" indicator disappears and the unit automatically switches the mode from stereo to monaural to reduce the noise. When the signal becomes strong enough, the unit automatically switches back to the stereo mode.
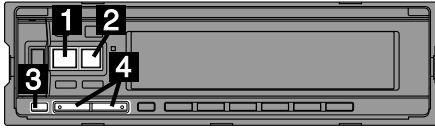
20

Radio Operation

Automatic Seek Tuning

1
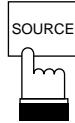
SOURCE

Press the SOURCE button to select the radio mode.

2

BAND
T.S.M.

↓
FM1
↓
FM2
↓
AM

Press the BAND button repeatedly until the desired radio band is displayed.

3

TUNE
A. ME   ▶/❚❚

↓
DX SEEK
↓
LOCAL SEEK
↓
MANUAL

Press the TUNE button to illuminate the DX and SEEK indicators in the display. With the DX mode activated, both strong and weak stations will be tuned automatically.
Press again to return to the local mode. The DX indicator will turn off and only the SEEK indicator will remain illuminated. Now only strong stations will be tuned.
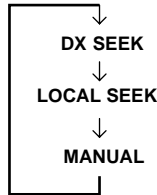
4

F1   82.5

○ ◄◄ DN   UP ►► ○

Press the (◄◄) DN or UP (►►) button to automatically seek a station downward or upward respectively.
The unit will stop at the next station it finds. Press the same button again to seek next station.
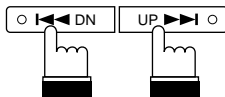
21

Manual Storing of Station Presets

1

| F1 | F2 | F3 | F4 | F5 | F6 |
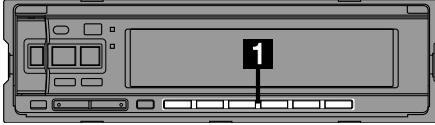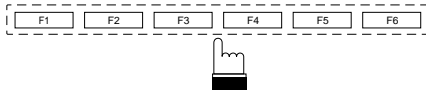
1. Tune in the desired radio station you wish to store in the preset memory.
2. Check that the "FUNC" indicator is off.
3. Press and hold any one of the preset buttons (1 through 6) for at least **2** seconds. The frequency display will begin to blink.
4. Press the preset button into which you wish to store the station while the display is blinking (within 5 seconds).
   The display stops blinking to indicate that the station has been memorized. The preset number is also displayed.
5. Repeat the procedure to store 5 other stations onto the same band. Use this procedure for other bands.

A total of 24 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, AM and D.A.P.).

Note: If a preset memory has already been set in the same preset location, it will be cleared and the new station will be memorized.

Automatic Memory of Station Presets
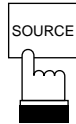
1

Press the SOURCE button to select the radio mode.
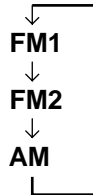
SOURCE

2

BAND
T.S.M.

↓
FM1
↓
FM2
↓
AM

Press the BAND button repeatedly until the desired radio band is displayed.

3

TUNE
A. ME   ►/II

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 in order of signal strength.
When the automatic memory has been completed, the tuner goes to the station stored in the preset location F1.

Note: If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began.
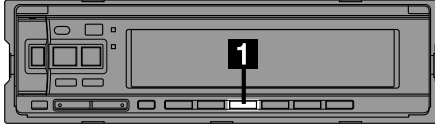
Storing into Direct Access Preset (D.A.P.) Band

A combination of radio stations in any band, AM and FM (up to 6 stations) can be manually preset onto the D.A.P. band.

1

Press the F3 button when the "FUNC" indicator is on.
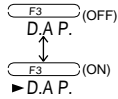
Press the BAND button to select FM or AM. The selected band will be displayed.
To memorize stations onto the D.A.P. band, follow the steps for the automatic or Manual Storing of Station Presets section above.

Note: When Automatic Memory Preset is used with D.A.P., 4 FM and 2 AM stations will be stored in Presets 1 – 4 and 5 – 6 respectively.

To cancel the D.A.P. mode, press the F3 button. The red line above the D.A.P. indicator will turn off.

Radio Operation
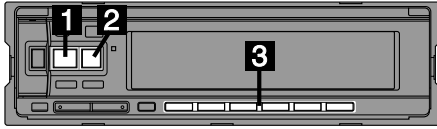
Tuning to Preset Stations

1

Press the SOURCE button to select the radio mode.

SOURCE

2

BAND
T.S.M.

FM1
↓
FM2
↓
AM
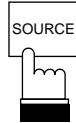
Press the BAND button repeatedly until the desired band is displayed.

F3
►D A.P.
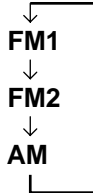
To select the D.A.P. band, press the F3 button with the "FUNC" indicator on.

3

F1 2△   82.5

F1   F2   F3   F4   F5   F6
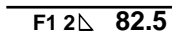
Press the station preset button that has your desired radio station in memory. The display shows the band, preset number with a triangle and frequency of the station selected.
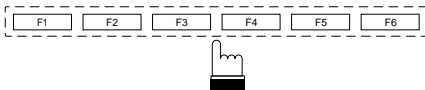
Note: When the "FUNC" indicator is on, pressing the F1 or F2 button can select the stations.

25
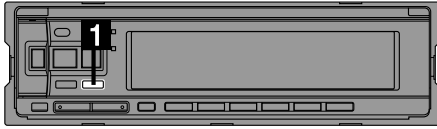
Displaying Station Titles

1

CLK
TITLE
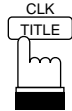
If a title has been entered for the selected station, it can be displayed in place of the frequency. The display will toggle between the frequency and title display with each press of the TITLE button.
(Refer to page 27 to title stations.)

| 90.1 | **NORMAL Mode** |

| 12:58 | **CLOCK PRIORITY Mode** |

| - - - - - - - - | ALPINE | **STATION TITLE Mode** |

Title not entered **Title entered**

Characters and Symbols

A (a)	B (b)	C (c)	D (d)	E (e)	F (f)	G (g)	H (h)	I (i)	J (j)
K (k)	L (l)	M (m)	N (n)	O (o)	P (p)	Q (q)	R (r)	S (s)	T (t)
U (u)	V (v)	W (w)	X (x)	Y (y)	Z (z)	0	1	2	3
4	5	6	7	8	9	!	"	#	$
%	&	'	(	)	∗	+	,	-	.
/	:	;	<	=	>	?			

Blank

Titling Stations

1

Tune in a station to be titled.

2

CLK
TITLE

or

BLPINE

Change to the TITLE mode. Press and hold the TITLE button for at least **2** seconds. The first digit will blink.

3

FUNC

A → **0** → **!**

Alphabet Number Symbol

Press FUNC button to select the desired mode. It will change each time you press the button. Refer to "Character and Symbols" on page 26.

4

DN   UP

A

or

ALPINE

Press the DN or UP button to select the desired letter/numeral/symbol available for naming ("A" for example).

F1   F2

a

If entering a letter (alphabet), press the F1 button to change to lowercase. Press the F2 button to return to all caps mode.
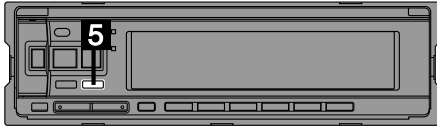
Titling Stations (Continued)

5
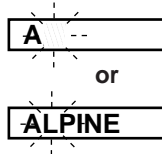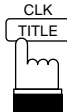
CLK
TITLE

A --

or

ALPINE

Press the TITLE button 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.

6

Repeat the steps **3** – **5** above to complete the titling. All 10 character positions should be filled. Use spaces where characters are not needed (for example at the end of a 5 character title, use 5 spaces to complete the title).

7

After the last character has been entered (character number 10), the title will automatically be stored.

Notes:
• You can not enter a title on clock mode. Refer to "Displaying Time".
• When you want to erase a title, enter the "   " symbol into all spaces.
When the title memory is used up, the display shows "Full Data." Storing new station titles after the "Full Data" message has been displayed, causes previously stored titles to be erased. The new station titles will replace the old titles beginning with the first one created.
• A total of 24 titles for AM and FM stations may be entered.

Radio Operation
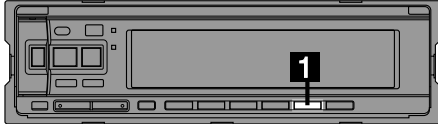
Displaying Station Signal Strength [T.RCL (Tuner Recall)]

You can display the signal strength of a desired radio station while you are listening to other sources such as CD player or CD Shuttle.

1

F5

F5 (ON)
►T.RCL

F5 (OFF)
T.RCL
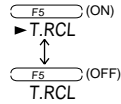
When the "FUNC" indicator is on, press the F5 button in the Tuner mode. The display shows the bar-graphic signal strength of the selected radio station.
To cancel the T.RCL mode, press the F5 button again.

Note: If you use a power antenna, extend the antenna during the T.RCL mode.
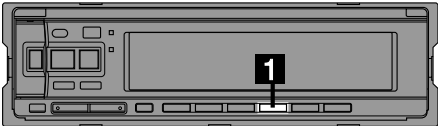
Mono/Stereo Switching

1

F4

F4 (OFF)
MONO

F4 (ON)
►MONO
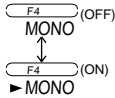
"ST" indicator appears when a stereo is tuned in.

When the "FUNC" indicator is on, press the F4 button to switch from stereo to monaural FM reception. This will help in reducing the noise of weak FM Stereo broadcasts. In the monaural mode, the "ST" indicator disappears. Press the F4 button again to return to the stereo mode.

CD Operation
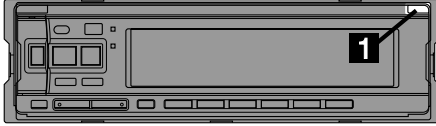
Inserting Disc
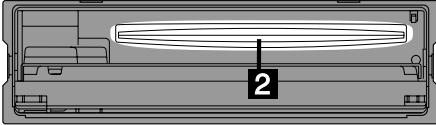
Note: When a CD is located in the CD player, the "DISC IN" indicator illuminates.
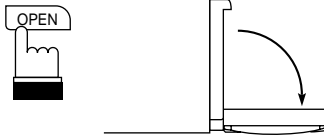
1 Press the OPEN button to open the front door. The CD compartment is located behind the front door.

OPEN
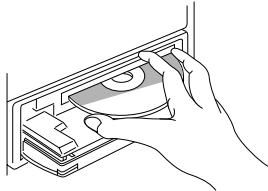
2 Insert a CD half way into the slot with the label side facing up. The player automatically draws the disc into the disc compartment. When the CD is loaded, the player automatically starts CD playback and DISC-IN indicator lights up.

3 Close the front door with your hand until you hear a click sound.
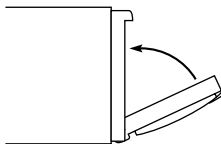
CD Operation
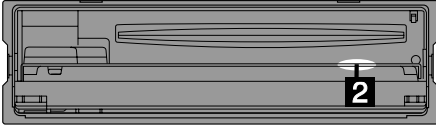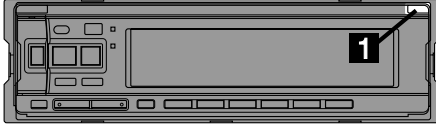
Removing Disc
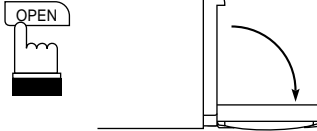
1 Press the OPEN button to open the front door.

OPEN
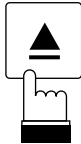
2 Press the Eject (⏏) button on the top side of the front door.
The CD is automatically ejected half way out.
Remove the CD with your hand.

Note: If the CD is not removed for several seconds, the player automatically draws the CD into the compartment to protect the CD.

3 Close the front door with your hand until you hear a click sound.
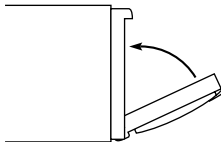
CD Operation
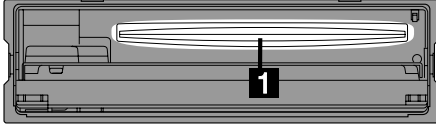
Normal Play and Pause

1
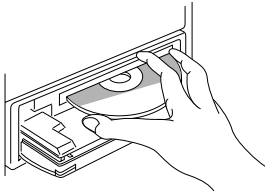
Insert a CD into the CD player. The CD player begins playback from the first track on the disc. The display shows the track number and elasped time of the track being played. When the last track is played back the player returns to the first track and begins playback from that point.

2

SOURCE

TUNER
↓
CD
↓
CHANGER*
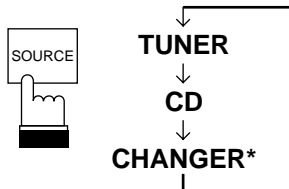
If a CD is already loaded in the CD player, press the SOURCE button to select the CD mode.

Note:
* The source indicator varies depending on the connected source.

3

TUNE
A. ME

▶/❚❚

Press the ▶/❚❚ (Play/Pause) button during the play mode to place the player in the Pause mode. "PAUSE" appears in the display.
To resume playback, press the ▶/❚❚ button again.
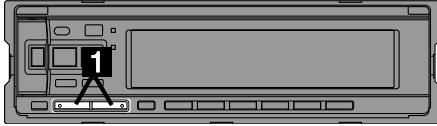
Music Sensor (Skip)

1

CD   T04
↓
| CD   T04 |
↓
| CD   T03 |

○ I◄◄ DN
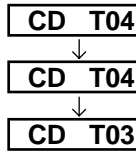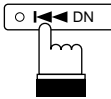
Momentarily press the (I◄◄) DN button once to return to the beginning of the current track. If you wish to access a track further back, repeatedly press until you reach the desired track. (The example shows the Music Sensor operation starting from track No. 4.)

UP ►►I ○

CD   T04
↓
| CD   T05 |
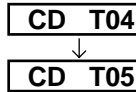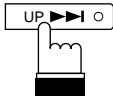
Press the UP (►►I) button once to advance to the beginning of the next track. If you wish to access a track further ahead, press repeatedly until the desired track is reached.

Note: The music sensor feature is functional in the play or pause mode.

33

CD Operation
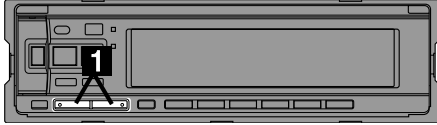
Fast Forward and Back-ward

1

○ |◄◄ DN   UP ►►| ○
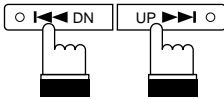
Press and hold the (|◄◄) DN or UP (►►|) button to quickly move backward or forward until you reach the desired section of the track.

Repeat Play

1

F4
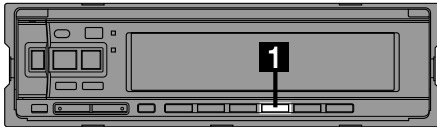
Press the F4 button to play back repeatedly the track being played. The RPT indicator appears and the track will be played repeatedly.

Press the F4 button again to deactivate the repeat play.
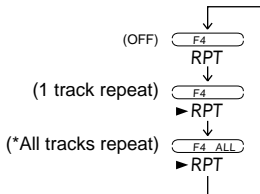
Note:
*   If a CD Shuttle is connected and the RPT ALL mode is selected, the unit repeatedly plays back all tracks on the disc selected.

(OFF)   F4
         RPT

(1 track repeat)   F4
                    ►RPT

(*All tracks repeat)   F4 ALL
                        ►RPT

Notes:
In case of 6-disc CD Shuttle connected:
*   Press the "FUNC" button to illuminate the "FUNC" (Function) indicator and go to step **1** .
In case of 12-disc CD Shuttle connected:
*   Press the "FUNC" button twice to illuminate the "FUNC" indicator and go to step **1** .

CD Operation

M.I.X. (Random Play)

1

F3

F3 (OFF)
M.I X.
↕
F3
►M.I X.
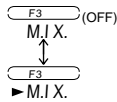
Press the F3 button in the play or pause mode. The M.I.X. indicator will illuminate and the tracks on the disc will be played back in a random sequence. After all the tracks on the disc have been played back once, the player will begin a new random sequence play until the M.I.X. mode is canceled.

— — — — — — — — — — — — —

To cancel M.I.X. play, press the F3 button again.

Note: If a CD Changer equipped with the M.I.X. ALL function is connected, " F3 ALL ►RPT " will be displayed.

Notes:
In case of 6-disc CD Shuttle connected:
• Press the "FUNC" button to illuminate the "FUNC" (Function) indicator and go to step **1** .
In case of 12-disc CD Shuttle connected:
• Press the "FUNC" button twice to illuminate the "FUNC" indicator and go to step **1** .
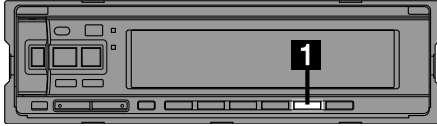
Scanning Programs

1
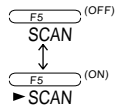
Press the F5 button to activate the Scan mode. The first 10 seconds of each track will be played back in succession.

— — — — — — — — — — — — —

To stop the Scan, press the F5 button to deactivate the Scan mode.

Notes:
In case of 6-disc CD Shuttle connected:
• Press the "FUNC" button to illuminate the "FUNC" (Function) indicator and go to step **1** .
In case of 12-disc CD Shuttle connected:
• Press the "FUNC" button twice to illuminate the "FUNC" indicator and go to step **1** .

CD Operation
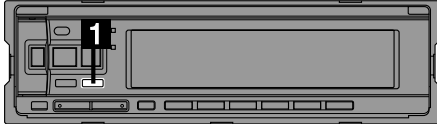
To Display CD Titles

1

CLK
TITLE
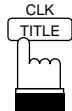
After a title has been entered for a CD, it can be displayed by pressing the TITLE button. The display will toggle between Normal, Clock and CD Title with each press of the TITLE button (see example below). (Refer to page 38 to title the disc.)

| T08 11'03 | **NORMAL Mode** |

| T08 12:58 | **CLOCK PRIORITY Mode** |

| -------- | | ALPINE | **CD TITLE Mode** |

Title not entered   **Title entered**

Characters and Symbols

A (a)	B (b)	C (c)	D (d)	E (e)	F (f)	G (g)	H (h)	I (i)	J (j)
K (k)	L (l)	M (m)	N (n)	O (o)	P (p)	Q (q)	R (r)	S (s)	T (t)
U (u)	V (v)	W (w)	X (x)	Y (y)	Z (z)	0	1	2	3
4	5	6	7	8	9	!	"	#	$
%	&	'	(	)	*	+	,	-	.
/	:	;	<	=	>	?			

Blank

37

CD Operation

Titling Disc

1

Select a disc for which you want to enter a title.

2
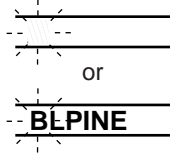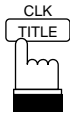
CLK
TITLE

or

BLPINE

Change to the TITLE mode. Press and hold the TITLE button for at least **2** seconds. The first digit will blink.

3

FUNC

A → **0** → **!**
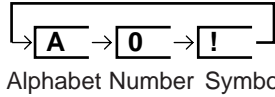
Alphabet Number Symbol

Press the FUNC button to select the desired mode.
The mode will change each time you press the button. Refer to "Characters and Symbols" on page 37.

4
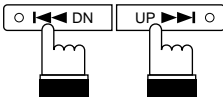
○ |◄◄ DN   UP ►►| ○

Press the |◄◄ DN or UP ►►| button to select the desired letter/numeral/symbol available for naming ("A" for example).

F1   F2

a
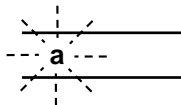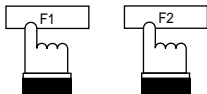
If entering a letter (alphabet), press the F1 button to change to lower case. Press the F2 button to return to all caps mode.
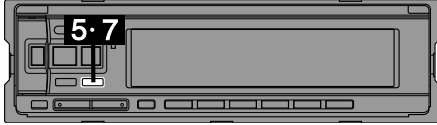
Titling Disc (Continued)
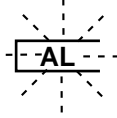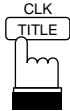
5	CLK TITLE	Press the TITLE button to store the first character. The first character will stop blinking and the display will automatically advance to the next character. When that character begins to blink, you may choose the next letter or symbol of your title.
6		Repeat the steps **3** – **5** above to complete the titling. Pressing the TITLE button after entering the 12th character, automatically stores the title into memory. In case of storing a title of less than 12 characters: For example, after 3rd digit character is completed, 4th digit character is blinking. Then, go to step **7** .
7	CLK TITLE	Press and hold the TITLE button for at least **2** seconds to record the title. **Notes:** • You can not enter a title in clock mode. For the clock display, refer to "Displaying Time", on page 17. • When the display shows "Full Data", the memory is full and no input is accepted. In order to input new titles, old titles must be deleted first. Refer to the section "Erasing Disc Title" on page 40 to delete titles. • To erase the title name in the CD mode, select (Blank) in the table <Characters and Symbols> on page 37 and enter as described in the operating procedures above.
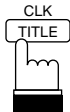
-AL-

CD Operation
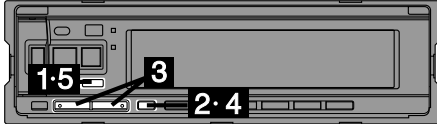
Erasing Disc Title

1

CLK
TITLE
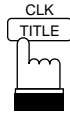
Press the TITLE button to select the disc titling mode. Then, press and hold for at least **2** seconds.

2

FUNC

- - **ALPINE** - -

Press and hold the FUNC button for at least **2** seconds to activate the title scanning mode. The title in the display will blink, for example "ALPINE".

3

DN   UP
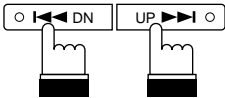
Press the ( ) DN or UP ( ) button repeatedly until the disc title you want to erase is displayed.

4

FUNC

Press and hold the FUNC button for at least **2** seconds to erase the disc title displayed.

5

CLK
TITLE
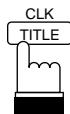
Press and hold the TITLE button for at least **2** seconds to cancel the disc title erasing mode.
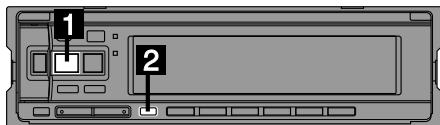
Controlling CD Shuttle (Optional)

An optional 6-disc or 12-disc CD Shuttle may be connected to the CDA-7846E if it is Ai-NET compatible. With a CD Shuttle connected to the Ai-NET input of the CDA-7846E, the CD Shuttle will be controllable from CDA-7846E. Using the KCA-400C (the Multi-Changer Switching device) multiple changers can be controlled by the CDA-7846E.
See the Multi-Changer Selection section on page 44 for selecting the CD Shuttles.

Notes:
• The controls on the CDA-7846E for CD Shuttle operation are operative only when a CD Shuttle is connected.
• The "CHG" indicator illuminates in the CD Shuttle mode.

1

SOURCE

↓
TUNER
↓
CD
↓
CHANGER*
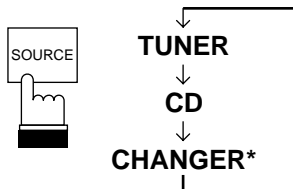
Press the SOURCE button to activate the CHANGER mode. The display shows the "Changer" disc number and track number.

Note:
* The source indicator varies depending on the connected source.

2

FUNC

↓

↓ (FUNC OFF1 mode)

↓ (FUNC OFF2 mode)

FUNC

(FUNC ON mode)
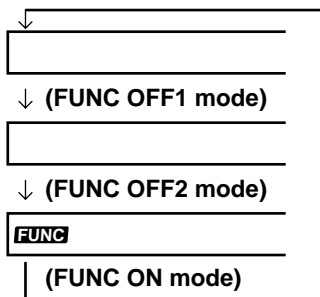
Press the FUNC button to select the FUNC OFF1 or OFF2 mode.

FUNC OFF1 mode:
In this mode you can select the discs between 1 and 6.

FUNC OFF2 mode (for 12-disc CD Shuttle only):
In this mode you can select the discs between 7 and 12.

41
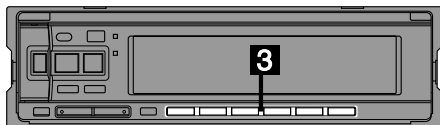
Controlling CD Shuttle (Optional) (Continued)

3
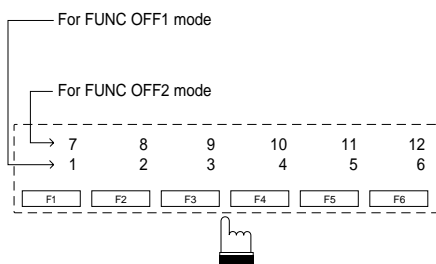
Press the Function button (F1 through F6) corresponding to one of the discs loaded in the CD Shuttle. The selected disc number appears in the display and CD playback starts.

For FUNC OFF1 mode

For FUNC OFF2 mode

7	8	9	10	11	12
1	2	3	4	5	6
F1	F2	F3	F4	F5	F6

Notes:
- To select the disc numbers 7 to 12 loaded in the 12-disc CD Shuttle, press the FUNC button twice, then press the desired Function button (F1 to F6).
- If the FUNC indicator is ON, the F1 to F6 buttons become unfunctional.
- When the "FUNC" indicator is on, pressing the F1 or F2 button can select the disc.

Note: After selecting the desired disc, you ban operate in the same way as for the CDA-7846E CD player. For details, please see the CD Operation section.
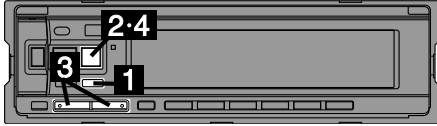
Searching Titled Discs
(Title Search Menu)

1

CLK
TITLE
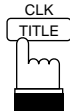
Press the TITLE button to activate the Title Display mode.

2

BAND
T.S.M.

- - - **ALPINE** - - -
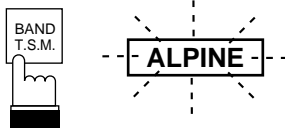
Press and hold the T.S.M. button for at least **2** seconds while the title is displayed.
The title in memory blinks in the display.

3

○ |◀◀ DN   UP ▶▶| ○
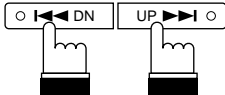
Press the (◀◀) DN or UP (▶▶) button to select the desired disc title.

4

BAND
T.S.M.
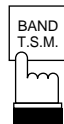
Press the T.S.M. button to play the selected disc.
The unit will automatically search the disc and will play that disc.

43

Multi-Changer Selection

Alpine's Ai-NET system will support up to 6 CD Shuttles. 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 Shuttles. If you use 2 Switching devices, you can connect up to 6 CD Shuttles.

RUE-4185

Remote Control

1
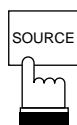
SOURCE

Press the SOURCE button on the CDA-7846E to activate the CD Changer mode.
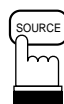
SOURCE

Alternatively, press the SOURCE button on the Remote Controller (RUE-4185) to activate the CD Shuttle mode. Proceed to Step **3** below to select the desired CD Shuttle.

2

BAND T.S.M.

Press the BAND button on the CDA-7846E or the RUE-4185 to activate the CD Shuttle Selection mode.

3

BAND T.S.M.

Changer-X

The CD Shuttle Selection mode remains active for 3 seconds after Step **2** is performed. Press the BAND button until the desired CD Shuttle indicator appears on the display.

Note: If the selected CD Shuttle is not connected, the display will show "No Changer   X".

RUE-4185
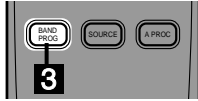
Remote Control

Multi-Changer Selection (Continued)

3
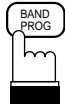
Press the BAND button on the Remote Controller until the desired changer indicator appears on the display.

4

To operate the selected changer, see "CD Operation" section.

Remote Control

Controls
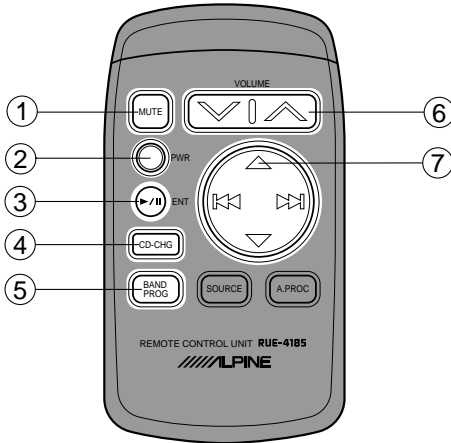
① **Mute Button**
Press the button to lower the volume by 20 dB instantly. Press the button again to cancel.

② **Power Switch**
Press the switch to turn the power on/off.

③ ▶/II **Button**
Press the button to switch between the Play and Pause modes for the CD.

④ **CD Changer Button**
Press the button to change to the CD Shuttle operation.

⑤ **Band/Program Button**
Radio mode: BAND Button
Press the button and the band will change as shown below.

```
┌ FM1  FM2  AM ┐
```

⑥ **Volume Adjustment Buttons**
To increase the volume level.....
Press the ⌃ button
To decrease the volume level.....
Press the ⌄ button

⑦ ▲ **Button**
Radio mode: Pressing the button will select, in ascending order, stations programmed into the radio's presets as shown below.

```
┌→1 →2 ···6 ┐
```

CD/CD Shuttle mode: DISC Select (UP) Button
Press the button to select a disc in ascending order.

Remote Control English
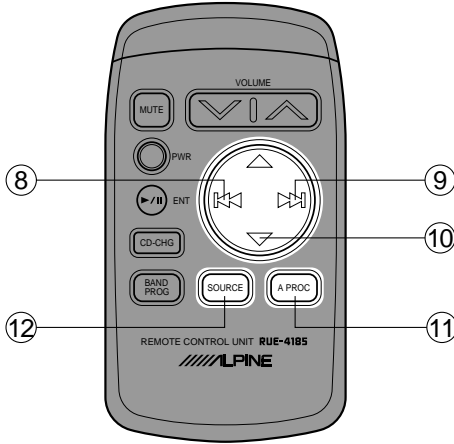
⑧ ⏮ **Button**
Radio mode: SEEK (DN) Button
CD/CD Shuttle mode: Press the button to go back to the beginning of the current track.

⑨ ⏭ **Button**
Radio mode: SEEK (UP) Button
CD/CD Shuttle mode: Press the button to advance to the beginning of the next track.

⑩ ▼ **Button**
Radio mode: Pressing the button will select, in descending order, stations programmed into the radio's presets as shown below.

$$\rightarrow 6 \rightarrow 5 \cdots 1$$

CD/CD Shuttle mode: DISC Select (DN) Button
Press the button to select a disc in descending order.

⑪ **Audio Processor Button****
Press the button to call the external audio processor mode.*

⑫ **Audio Select Button**
Press to select the audio source.

*   For the operation of external audio processor, refer to the Owner's Manual of the external audio processor you purchased.
** This button is used in conjunction with an optional Ai-NET processor.

Remote Control English

Battery Replacement

Applicable battery: Use two "AAA" sized dry batteries or equivalent.
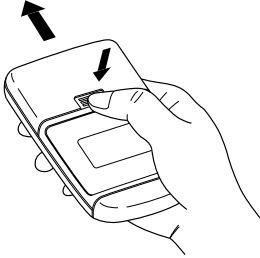
Opening the battery cover
Slide out the battery cover while firmly pressing outward.
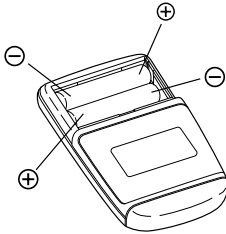
Replacing the battery
Put the batteries in the case as illustrated.
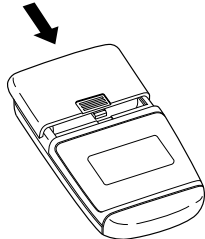
Closing the cover
Push the cover as illustrated until a click is heard.

Disc Care

Correct Handling

CORRECT

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 on the disc. Do not write on the disc.

INCORRECT   **CORRECT**
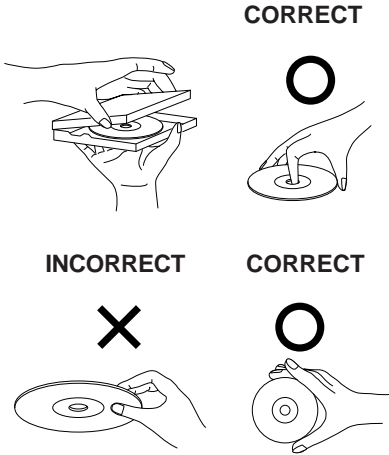
Disc Cleaning

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 from the centre of the disc to the outer edge. If the surface is heavily soiled, dampen a clean soft cloth in a solution of mild neutral detergent before cleaning the disc.

Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.

Transparent Sheet

Disc Stabilizer
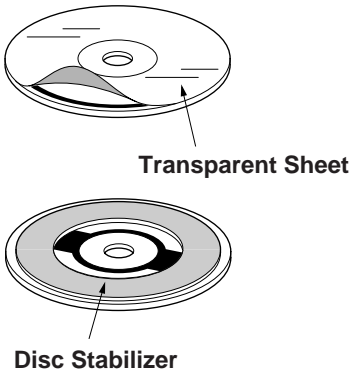
In Case of Difficulty

If you encounter a problem, please review the items in the following check list. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Initial Turn-on After Installation

Symptom	Cause and Solution

No function or display.	• Car's ignition is off.
	  – If connected per instructions, the unit will not operate with the car's ignition off.
	
	• Improper connection of power leads.
	  – Check connections of the power leads.
	
	• Blown fuse.
	  – Check the fuses on the Battery leads; replace with the proper value if necessary.
	
	• Internal micro-computer malfunctioned due to interference noise etc.
	  – Press the Reset button with a ball-point pen or other pointed article.

Radio Mode

Symptom	Cause and Solution
Unable to receive stations.	• No antenna or open connection in cable. – Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.	• You are in a weak signal area.
	  – Make sure the tuner is in the DX mode.
	• If the area you are in is not known to be a weak signal area, the antenna may not be grounded and connected properly.
	  – Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
	• The antenna may not be the proper length.
	  – Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.	• The antenna is not the proper length.
	  – Extend the antenna fully; replace it if it is broken.
	• The antenna is poorly grounded.
	  – Make sure the antenna is grounded properly at its mounting location.

CD Mode

Symptom	Cause and Solution

CD insertion not possible.	• There is a CD already in the transport.
	  – Eject the CD in transport and remove it.
	• The CD is being improperly inserted.
	  – Make sure the CD is being inserted per instruction in the Owner's Manual.

Unable to Fast-Forward or Backward.	• The CD has been damaged. – Eject the CD and discard; using a damaged CD in your unit can cause damage to the transport.

Sound skips due to vibration.	• Improper mounting.
	  – Securely re-mount the unit.
	• Disc is very dirty.
	  – Clean the disc.
	• Disc has scratches.
	  – Change the disc.

Sound skips without vibration.	• Dirty or scratched disc. – Clean the disc: damaged discs should be replaced.

In Case of Difficulty

Indication for CD Shuttle

Indication	Cause and Solution
Hi Temp.	• Protective circuit is activated due to high temperature. – The indicator will disappear when the temperature returns to within operation range.

ERROR	• Disc won't return to magazine.
	  – Press the eject button.
	  – Insert an empty magazine and once again press the eject button to recover the disc.
	
	• Mechanical error.
	  – Press the eject button.
	  – When display message disappears, correctly re-insert disc into magazine and try again.
	  – If it still won't operate correctly, consult your Alpine dealer.

NO MAGAZINE	• No magazine is loaded into the CD Shuttle. – Insert a magazine.
NO DISC	• No indicated disc. – Choose another disc.

Specifications

FM TUNER SECTION

Tuning Range .... 87.5 – 108.0 MHz

Mono Usable Sensitivity .... 9.3 dBf (0.8µV/75 ohms)

50 dB Quieting Sensitivity .... 13.5 dBf (1.3µV/75 ohms)

Alternate Channel Selectivity .... 80 dB

Signal-to-Noise Ratio .... 65 dB

Stereo Separation .... 35 dB

AM TUNER SECTION

Tuning Range .... 531 – 1,602 kHz

Usable Sensitivity .... 22.5µV/27.0 dB

CD SECTION

Frequency Response* .... 5 – 20,000 Hz (±1 dB)

Wow & Flutter (% WRMS)* .... Below measurable limits

Total Harmonic Distortion* .... 0.008% (at 1 kHz)

Dynamic Range* .... 95 dB (at 1 kHz)

Signal-to-Noise Ratio* .... 95 dB

Channel Separation* .... 85 dB (at 1 kHz)

REMOTE CONTROL

Battery Type .... "AAA" sized dry battry

Battery Quantity 2

Dimensions (W x H x D) .... 56mm (2-1/4") x 14mm (9/16") x 105mm (4-1/8")

Weight (without battery) .... 50 g (1 oz)

Specifications

GENERAL

Power Requirement .... 14.4V DC (11 – 16V (allowable))

Maximum Power Output .... 40W x 4

Pre-Output Voltage .... 2000 mV/10k ohms

Bass .... ±15 dB at 30 Hz

Treble ....±10 dB at 10 kHz

Weight .... 1.5 kg (3 lbs. 5 oz)

CHASSIS SIZE

Width .... 178mm (7")

Height .... 50mm (2")

Depth .... 150mm (5-7/8")

NOSEPIECE SIZE

Width .... 170mm (6-3/4")

Height .... 46mm (1-13/16")

Depth ....22mm (7/8")

*   Measured at internal amp input stage.

Note: Due to product improvement, specifica-
tions and design are subject to change
without notice.