

Operating Instructions

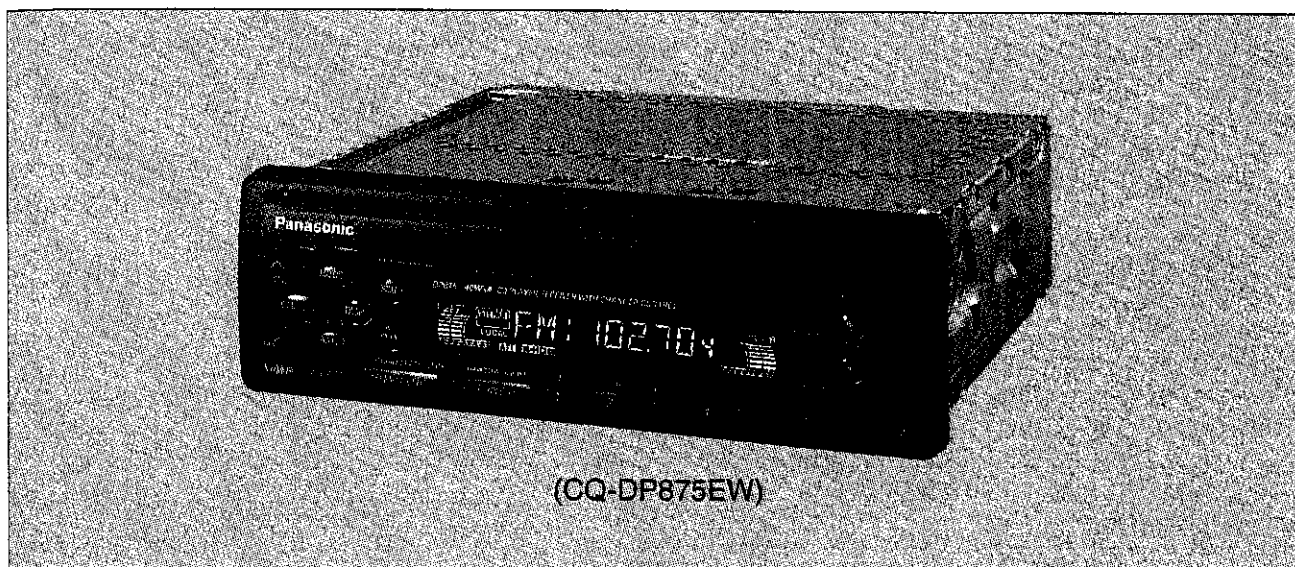
操作說明書

[CQ-DP875/835EW]

Removable Face High-Power CD player/Receiver with Changer Control

車載式大功率鐳射唱機／耳機及CD轉換控制器

CQ-DP875/DP835EW



(CQ-DP875EW)

Panasonic®

松下電器

Before operating this set, please read these instructions completely.

操作本機之前，請熟讀這些說明書。

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(Only for CQ-DP875EW)			

Panasonic welcomes you to their constantly growing family of electronic products owners. We endeavor to give you the advantages of precise electronic and mechanical engineering, manufacturing with carefully selected components, and assembly by people who are proud of the reputation their work has produced for our company. We know this product will bring you many hours of enjoyment, and after you discover the quality, value, and reliability we have built into it, you too will be proud to be a member of our family.

Precautions

Volume Level

For your driving safety, keep the volume level low enough to be aware of road and traffic conditions.

Car Washing

To avoid electrical short circuits which may cause fire or other damage, do not expose this equipment (including the speakers and CDs) to water or excessive moisture.

Service

This unit is made of precision parts. Do not attempt to disassemble or adjust any parts. For repair, please consult your nearest authorized Panasonic Service Center.

Power Supply

This equipment is designed to be used in a car having 12-Volt negative ground battery system.

Disc Mechanism

Do not insert coins or any small objects. Keep screwdrivers and other metallic objects away from the disc mechanism and disc.

Car Ventilation

If your car is parked for several hours in direct sun-light, the temperature inside the car may become very high. It is advisable to drive the car for a while until the interior cools down before switching the unit on.

About Preset Memory

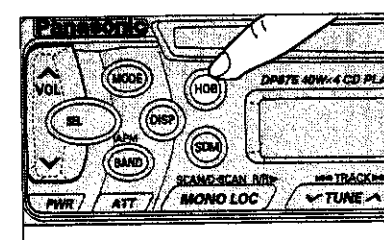
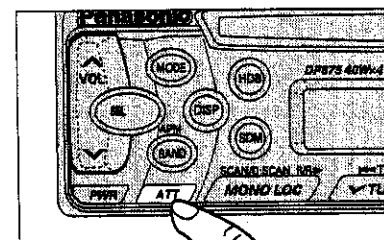
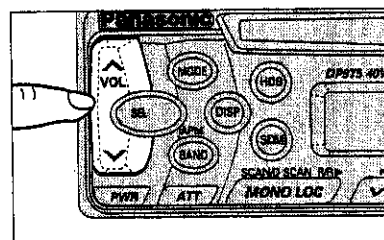
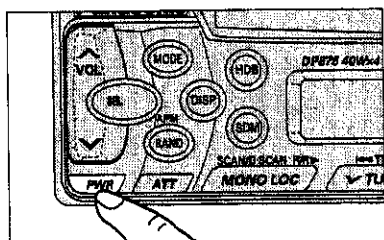
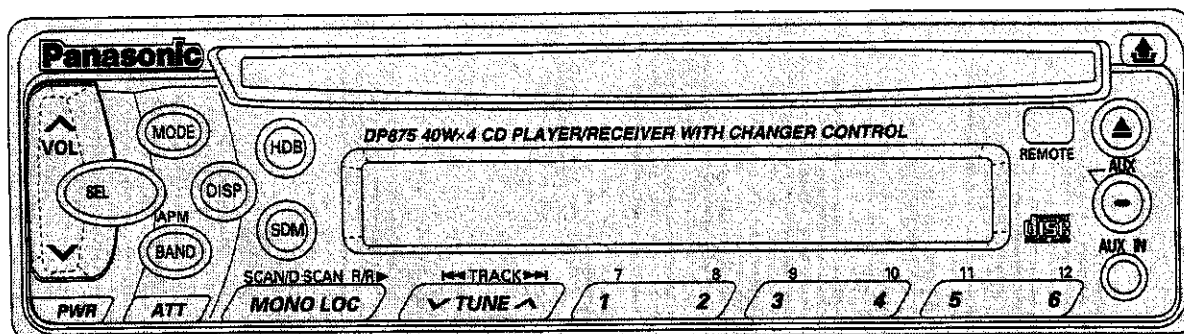
The preset memory is cleared to return to the original factory setting when the power connector or battery is disconnected.

Note:

This operating instruction manual is for 2 models CQ-DP875EW and CQ-DP835EW. All illustrations throughout this manual represent model CQ-DP875EW unless otherwise specified. The following table describes the differences between 2 models.

Model	CQ-DP875EW	CQ-DP835EW
Operating Controls		
Power Output	40W X 4	35W X 4
Pre-Out	2 pre (Lead type)	1 pre (Fix)
Sub Woofer Out	Yes	None
HDB	Super HDB	None
LOUD	None	Yes
Programmed Sound Memory	Yes	None
Security Indicator	Yes	None
AUX	Yes	None
LCD Color	3 colors	Green

Power and Sound Controls



Power

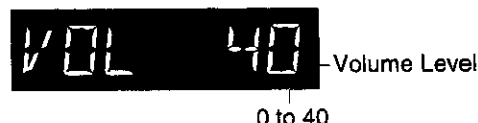
If the car is not already running, turn the key in the ignition until the accessory indicator lights.

Press PWR to switch on the power. Press and hold PWR again to switch off the power.

Note: When a CD is inserted with all power connected, the unit power will automatically turn on and CD loading begins and plays. (Only for CQ-DP875EW) When power is switched on for the first time, greeting words display. To cancel this display, press and hold PWR to switch power off then power on again.

Volume

Press "VOL^" or "VOLv" to increase or decrease volume.



Press "VOL^" or "VOLv" for more than a half second to change numeric levels on the display rapidly.

Attenuator

- Press ATT. Volume will decrease to about 1/10 of its previous level.
- Press ATT again to deactivate when listening at normal volume.

ATT

S•HDB (Super High Definition Bass) (Only for CQ-DP875EW)

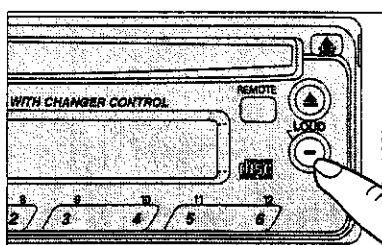
Especially for rock music, the bass-sound will be more powerful.

- Press HDB to be able to listen to high-definition bass.
- Press HDB again to return to the normal tone.

S•HDB

Note: This unit is equipped with an anti-volume-blast circuit which serves as an automatic volume level adjuster so that you will not be deafened sudden loud volume.

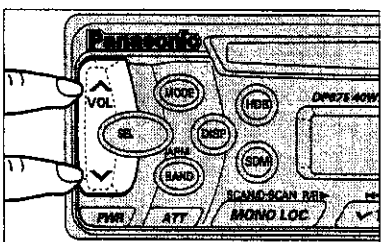
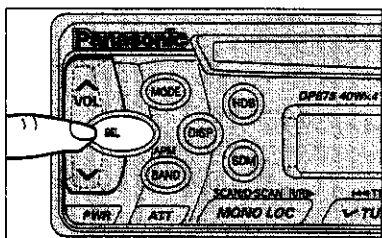
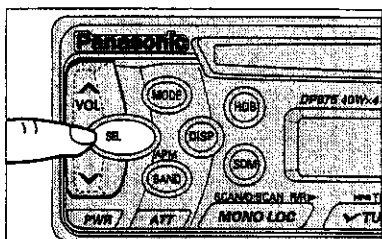
This system operates as follows. When PWR is switched on, the volume level is low. After that, the volume level gradually returns to its previous level prior to switching off the unit.



Tone Enhancement (Only for CQ-DP835EW)

Press LOUD (⊖) to enhance bass and treble tones when listening at low or medium volume. Press LOUD (⊖) again to deactivate.

LOUD



Changing Audio Modes

Press SEL to switch the audio mode in the following order.

<For CQ-DP875EW>

VOLUME → BASS → TREBLE
SUB ← FADER ← BALANCE

<For CQ-DP835EW>

VOLUME → BASS → TREBLE
FADER ← BALANCE

Bass and Treble

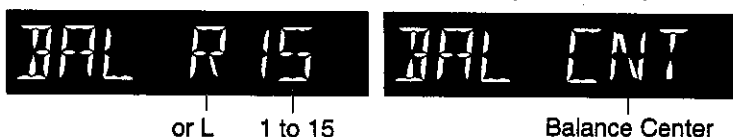
- Press SEL to select the BASS (TREBLE) mode. Press "VOL^" or "VOLv" to increase or decrease the bass/treble response.



- Press "VOL^" or "VOLv" for more than a half second to change numeric levels on the display rapidly.

Balance

- Press SEL to select the BALANCE mode. Press "VOL^" or "VOLv" to shift the sound volume to right or left speakers.



- Press "VOL^" or "VOLv" for more than a half second to change numeric levels on the display rapidly.

Fader

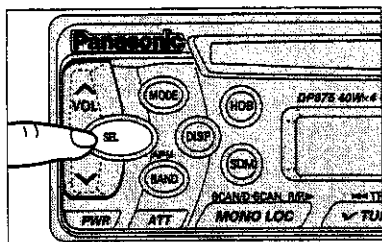
- Press SEL to select the FADER mode. Press "VOL^" or "VOLv" to shift the sound volume to the front or rear speakers.



- Press "VOL^" or "VOLv" for more than a half second to change numeric levels on the display rapidly.

Note: When a control mode (BAS/TRE/BAL/FAD) is selected but no operation is made within 5 seconds(2 seconds at volume mode), the display will return to the normal operation (Radio, CD, etc) mode. In such a case, press SEL again to select the control mode.

Power and Sound Controls continued

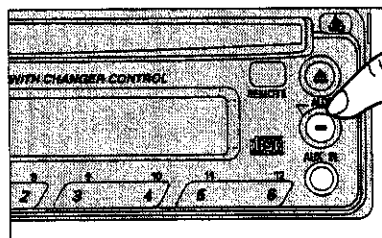
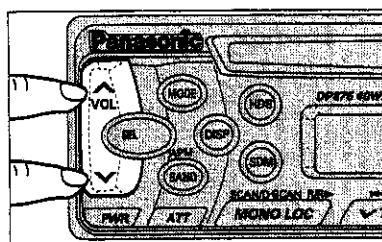


Sub-woofer Volume (Only for CQ-DP875EW)

- Press SEL to select the Sub-woofer Volume mode.
- Press "VOL^" or "VOL^" to increase or decrease the Sub-woofer volume level.

SUB MUTE

(MUTE to 5)

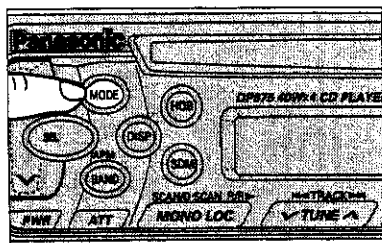


Selecting Auxiliary Source

- Press AUX to select AUX Input mode. (Only for CQ-DP875EW)

AUX

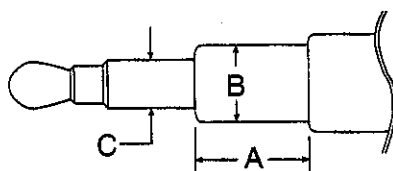
- Connect the auxiliary equipment (an optional DCC player deck or any other appropriate equipment) to the AUX Jack.



Canceling AUX Input mode

Press AUX or MODE again while the AUX mode is operated, the mode will return to the previous mode. Or insert a CD and the mode will change to CD mode.

Note: The AUX mode enables setting of VOL, BAS, and FAD, independently of other modes. (Only for CQ-DP875EW)

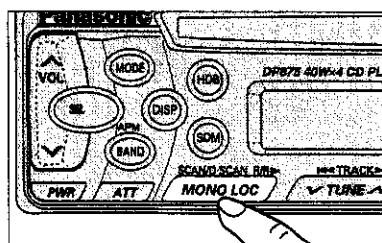
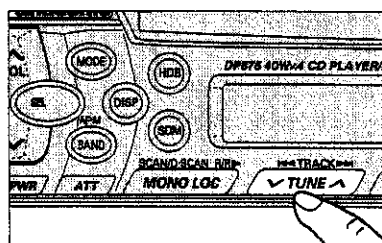
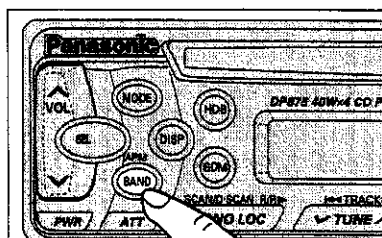
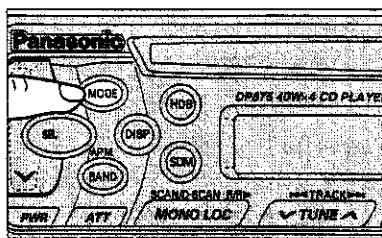
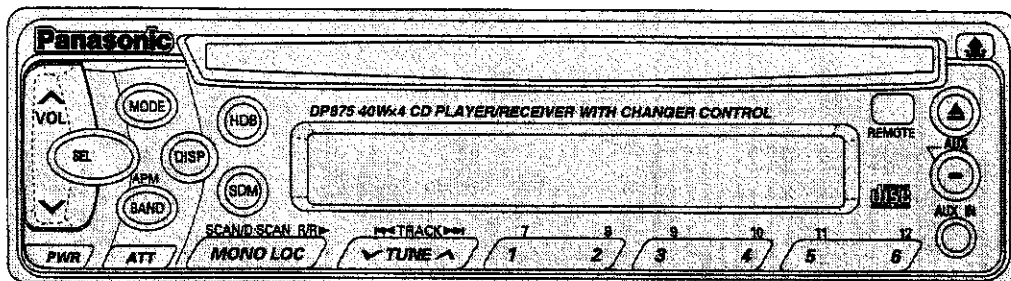


A-MIN 1/2" LONG (12mm)
B-MAX 2/5" DIA. (10mm)
C-MIN 1/8" DIA. (3.5mm)

Caution:

In order to insert the plug into the "AUX" Jack properly, make sure to use the correct size of the stereo plug shown on the left.

Radio Basics



To change Tuner Mode

<Only for CQ-DP875EW>

Tuner mode is selected if the MODE button is pressed while in either CD Player or CD Changer Control modes.

<Only for CQ-DP835EW>

You can select FM or AM directly.

Selecting a Band

<Only for CQ-DP875EW>

- Press BAND to select the bands in the following order.

FM1 → FM2 → FM3 → AM

<Only for CQ-DP835EW>

- Press FM to select the bands in the following order.

FM1 → FM2 → FM3

- Press AM to select the bands.

"STEREO" indicator lights if the station is broadcasting in stereo.

Manual Tuning

Press "TUNE^" or "TUNE" to move to a higher or lower frequency.

Seek Tuning

Press and hold "TUNE^" or "TUNE" for more than a half second, then release. The radio automatically stops on the next station.

MONO/LOCAL Selection

- Much interference is reduced during a weak FM stereo broadcasts. When MONO is ON. (Only for FM mode)
- Searching stops automatically at a strong wave station only when LOC is ON

Press MONO to switch on or off the MONO mode as follows.

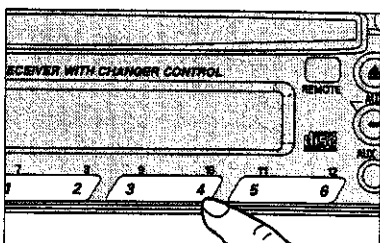
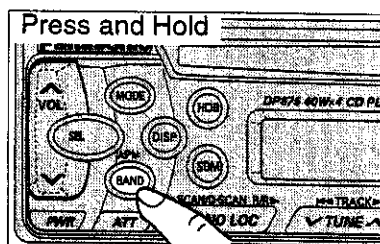
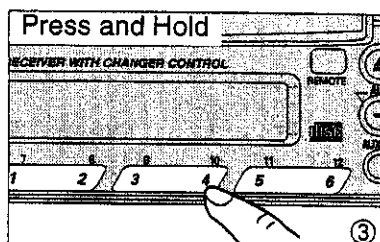
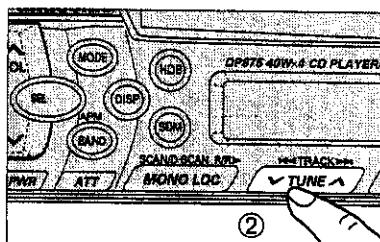
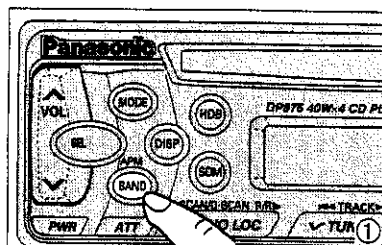
MONO OFF ↔ MONO ON

Press LOC to switch on or off the LOC mode as follows.

LOC OFF ↔ LOC ON

MONO
LOCAL

Radio Basics continued



Preset Station Setting

Up to 24 stations can be preset in the station memory as follows;

FM1	FM2	FM3	AM
6 stations	6 stations	6 stations	6 stations

Manual Station Preset

- ① Press BAND to select a desired band. <For CQ-DP875EW>
You can select FM or AM directly. <For CQ-DP835EW>
- ② Use manual or seek tuning to find a station that you want to program into memory.
- ③ Press and hold one of the station selector buttons 1 through 6 until the display blinks.
Repeat the process to set other stations for the FM1 to AM bands.

Note: You can change the memory setting by repeating the above procedure.

Tuning in a Preset Station

Press any of the buttons 1 through 6 to tune in the station preset by the above steps ① to ③.

Auto Station Preset

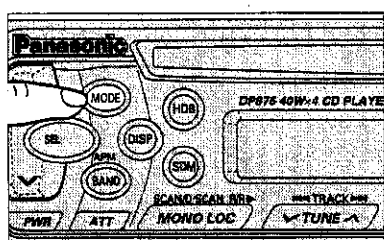
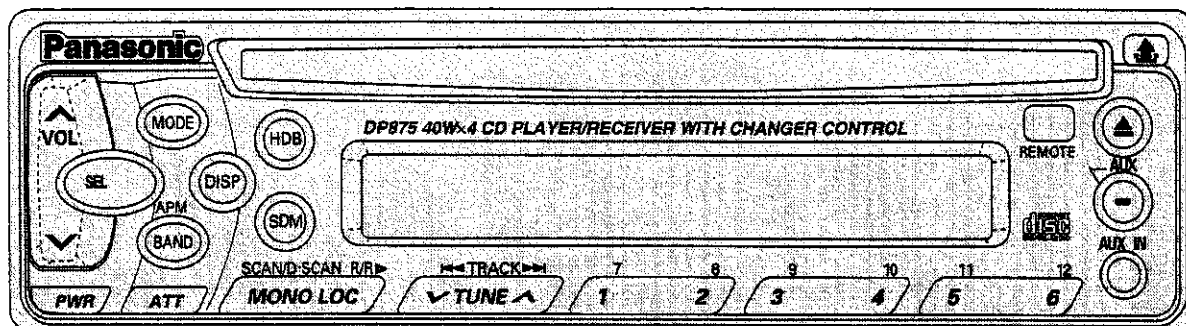
Select a band and press and hold APM (AUTO PRESET) for more than 2 seconds. (Only for CQ-DP875EW)

Press and hold FM or AM for more than 2 seconds. (Only for CQ-DP835EW)

- The 6 strongest available stations will be automatically set in memory preset buttons 1 through 6.
- Once set, the preset stations are sequentially scanned for 5 seconds.
- Press the appropriate preset button for the station you want to hear.

Caution: For safety reasons, do not attempt to program while driving.

Compact Disc Player Basics

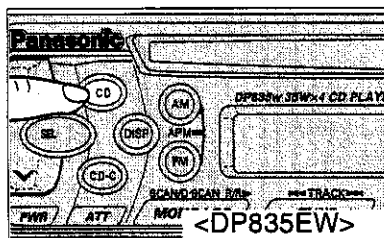


Mode Selection

While the disc is inserted, press MODE to switch the operation mode in the following order.

<For CQ-DP875EW> Tuner → CD Player → CD Changer Control

You can select CD play (press CD) directly. <For CQ-DP835EW>



To start the CD Player

Insert the disc (label side up) and playback starts automatically.



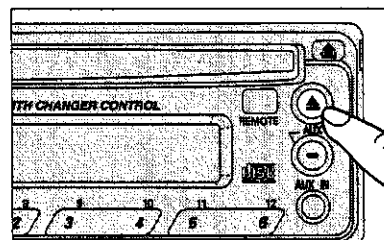
"CD LOAD" will be displayed until the disc is loaded. Play starts from first track.



Note: While the disc is inserted, "CD" (CQ-DP875EW) or "DISC" (CQ-DP835EW) indicator will light. If you press "MODE" after the disc is ejected, the disc will be re-inserted.

Stopping and Ejecting a Disc

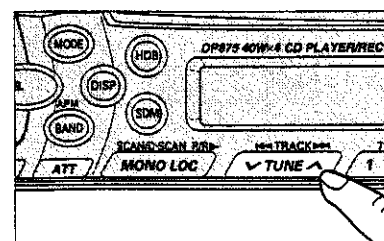
Press "▲" to stop CD play, and the disc will quietly eject from the CD slot. (During disc ejection, "CD EJECT" will be displayed.)



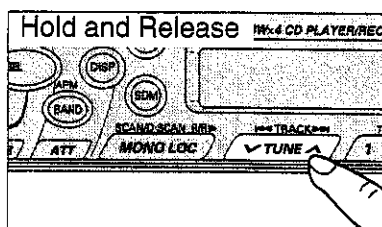
Selecting a Track

Press "TRACK ►►" once to go to the next track. Press repeatedly to step forward through all the tracks.

Press "◄◄ TRACK" once to play from the beginning of the track you are listening to. Press twice to play the previous track. Press repeatedly to step backward through all the tracks.

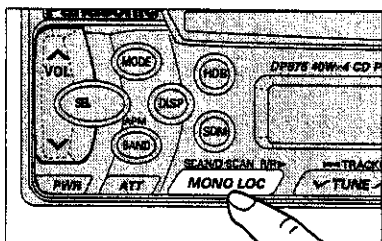


Compact Disc Player Basics continued



Searching a Track

Press and hold "TRACK▶" or "◀TRACK" for more than a half second to activate fast forward or reverse through a track. Release "TRACK▶" or "◀TRACK" to resume the normal CD play from that position.

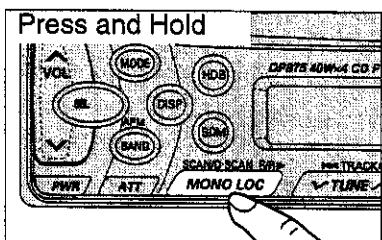


Repeating a Track

Press R/R▶ to repeat the current selection. "REP" indicator will light.

REP

The current selection will continue to repeat until you press R/R▶ again.

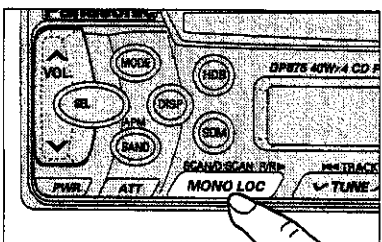


Random Selection

Press and hold R/R▶ for more than 2 seconds. "RAND" (CQ-DP875EW), "R▶" (CQ-DP835EW) indicator will light. A random selection of music is played from all available tracks.

RAND

To turn off the random play feature, press and hold R/R▶ again for more than 2 seconds.

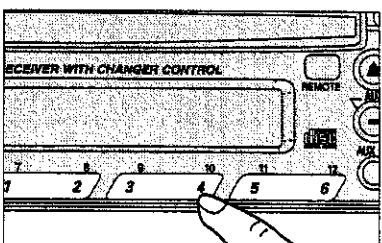


Scanning Tracks

Press SCAN. The display will blink and the first 10 seconds of each track on the disc play in order.



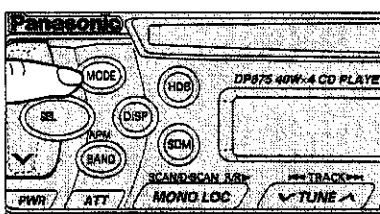
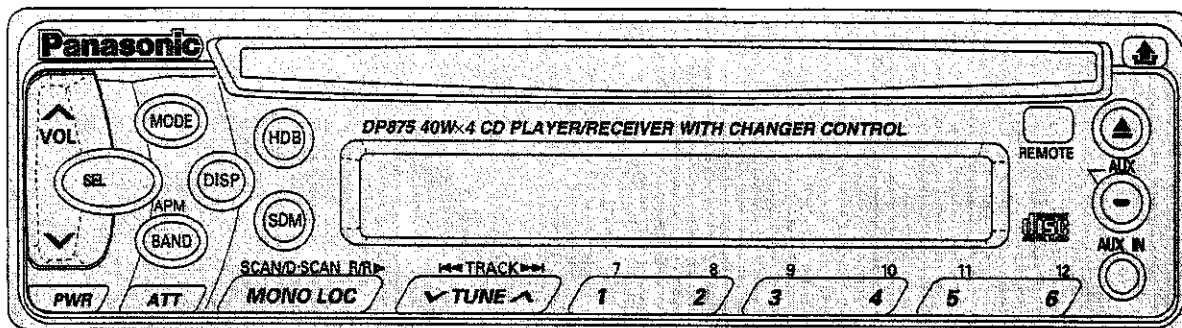
To stop scanning and continue with the current track, press SCAN again.



Selecting by Track Number (Direct access)

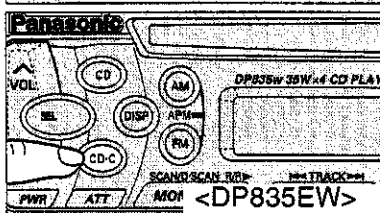
- Press a number from "1" to "6" then the corresponding track will start.
- Press and hold a number from "7" to "12" ("1" to "6") for more than one second and the corresponding track will start.

CD Changer Basics



To start the CD Changer

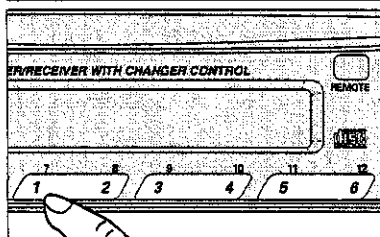
With a disc magazine inserted in the CD Changer, press MODE. Play starts from first track. (For CQ-DP875EW)



With a disc magazine inserted in the CD Changer, press CD•C. Play starts from first track. (For CQ-DP835EW)

Selecting a Disc

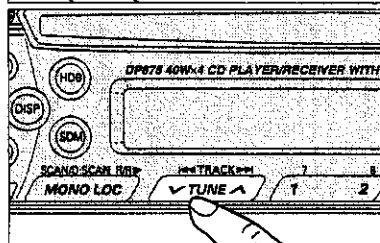
Press a number from "1" to "6" then the corresponding Disc will start. Press and hold a number from "7" to "12" ("1" to "6") for more than one second and the corresponding Disc will start.



Selecting a Track

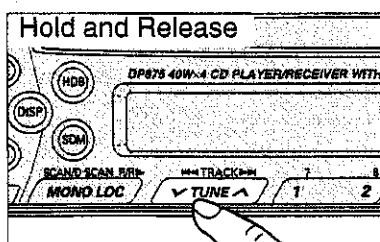
Press "TRACK^" once to go to the next track. Press repeatedly to step forward through all the tracks.

Press "vTRACK" once to play from the beginning of the current track. Press twice to play the previous track. Press repeatedly to step backward through all the tracks.



Searching a Track

Press and hold "TRACK^" or "vTRACK" for more than a half second to activate fast forward or reverse through a track. Release "TRACK^" or "vTRACK" to resume the normal CD play from that position.

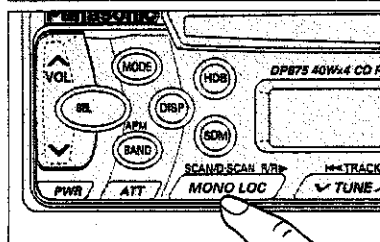


Repeating a Track

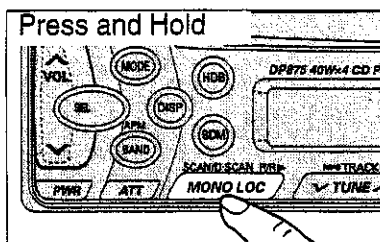
Press R/R▶ to repeat the current selection. "REP" indicator lights.

REP

The current selection continues to repeat until you press R/R▶ again.



CD Changer Basics continued



Random Selection

Press and hold R/R ► for more than 2 seconds. "RAND" indicator will light. A random selection of music is played from all available tracks.

RAND

To turn off the random play feature, press R/R ► again for more than 2 seconds.

Note:

- If R/R ► is pressed during random play, the track now in play automatically returns to beginning upon coming to the end plays back again. (Random repeat)

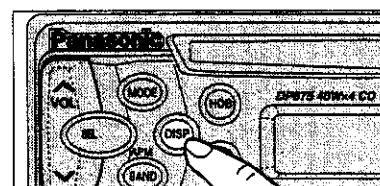
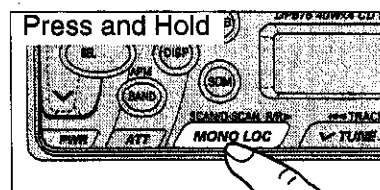
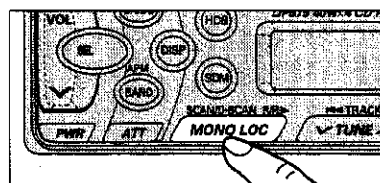
REP RAND

- When R/R ► is pressed again, repeat play stops and returns to random play.
- Press and hold R/R ► again, random play stops.

Scanning Tracks

Press SCAN. The display blinks and the first 10 seconds of each track on the discs play in sequence.

To stop scanning and continue with the current track, press SCAN again.



Scanning Discs

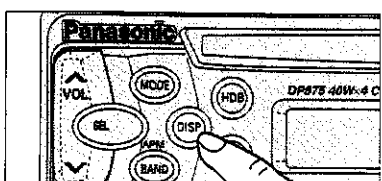
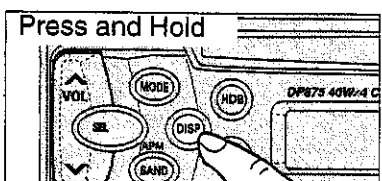
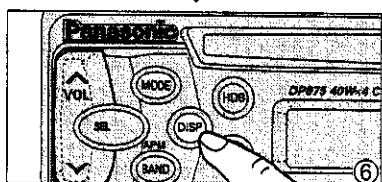
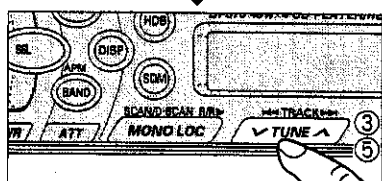
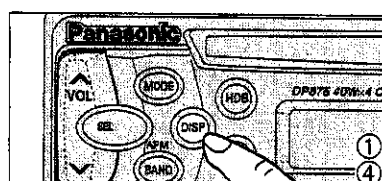
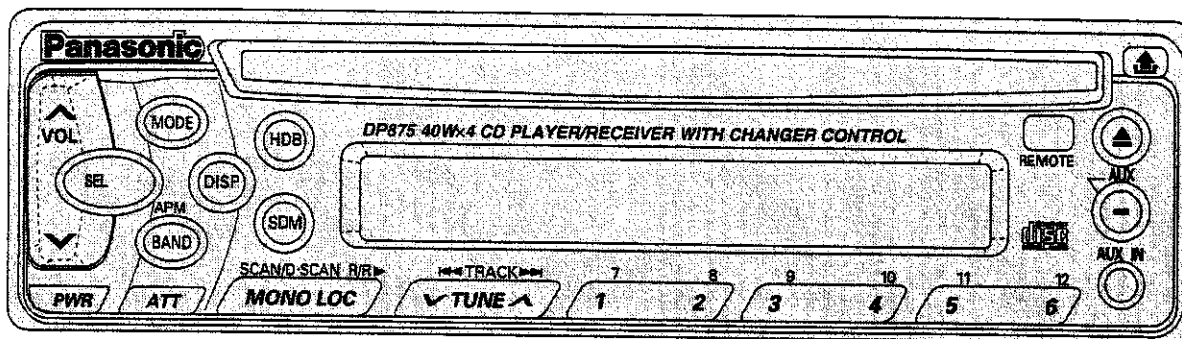
Press and hold D•SCAN for more than 2 seconds. The 1st track of all the discs in the magazine is played for 10 seconds each. Also, Disc Number is displayed at the same time. To stop the current play of the disc scanning, press and hold D•SCAN for more than 2 seconds again.

Changing the Display (Only for CQ-DP875EW)

Press DISP to switch the display in sequence as follows.

Disc / Track Number
↑
Track Play Time

Clock Basics (The clock system is 12-hours.)



Initial Time Setting

① Press DISP. "Adj" is displayed.



② Press and hold DISP again for more than 2 seconds, "12" blinks indicating the time setting mode is activated.



③ To set hours, press "V TUNE" or "TUNE^".



④ Press DISP again for minute setting.



⑤ To set minutes, press "V TUNE" or "TUNE^".



Hold "^" or "V" to change numbers rapidly.

⑥ When you have set the time, press DISP.

Resetting the Time

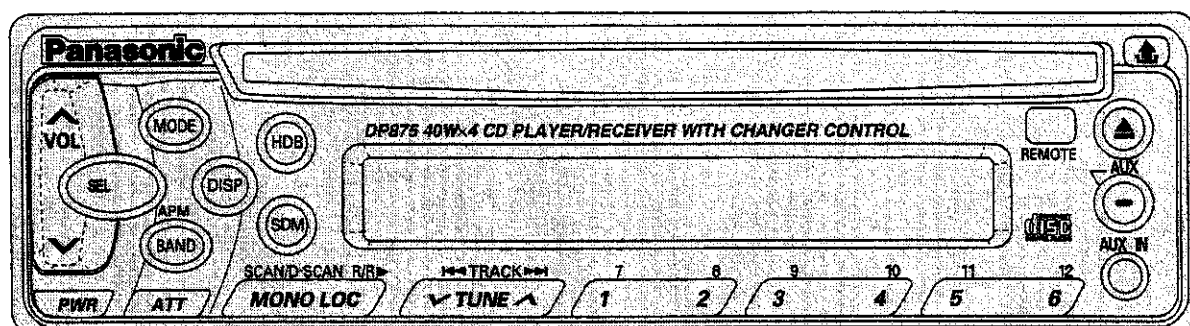
When you want to reset the time, press DISP for more than 2 seconds to activate the time setting mode. Then, repeat step ③ to ⑥ above.

Selecting the Clock Display

Press DISP for clock display.

Press DISP once again, the current audio display mode resumes.

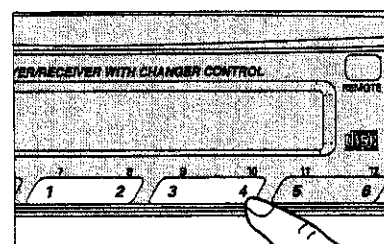
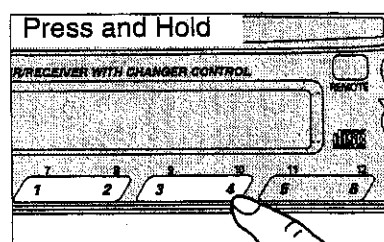
Programmed Sound Memory (Only for CQ-DP875EW)



Programmed Sound Memory Mode Selection

A desired sound setting (except for VOL and ATT) can be memorized and recalled. Press SDM to select to the sound memory mode.

SOUND



Programmed Sound Memory Input

- To preset sound setting, press and hold the corresponding preset memory button (1 to 4) for more than 2 seconds at sound memory mode.

SOUND 4

- The preset memory buttons, 5 and 6 are not valid for sound memory.

Recall Programmed Sound Memory

- When a desired preset memory button is pressed in sound memory mode, the corresponding sound setting is called.

SOUND 4

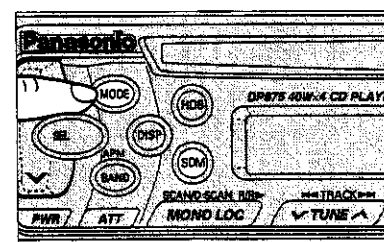
— Preset number

- The preset memory button 5 is recommended for setting
- The preset memory button 6 is used to release all sound settings.

To change to normal mode

- Press MODE or SDM to return to the normal mode.

Note: When the sound memory mode is selected but no setting is made within 5 seconds, the mode will return to the normal mode.



L-ch sound
source level

R-ch sound
source level

Level Meter

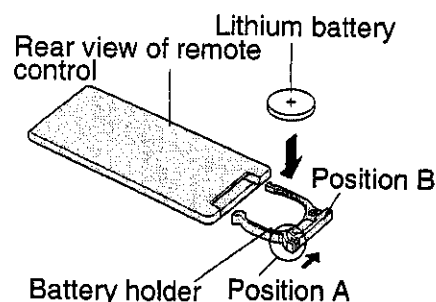
When power is ON, the level of sound sources, such as radio and CD, is displayed.

Note: The level meter indications do not change when VOL, BAL, or other control is turned.

Remote Control Unit Basics

Battery Replacement (Remote Control Unit)

1. Remove the battery holder.
Pull the holder by the Position B while pushing Position A in the direction indicated by the arrow.
2. Replace the battery.
Set a new battery properly with the (+) side up as illustrated.
3. Insert the battery holder.
Push in the holder to the full.



Notes on Batteries

Old batteries must immediately be removed and disposed.

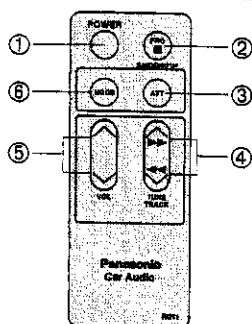
Battery Information:

- Designated Battery: Panasonic Lithium Battery (CR2025)
- Battery Life: 6 months with normal use (in normal room temperature)

Caution:

Improper use of batteries may cause overheating, explosion or ignition, resulting in injury or fire. Battery leakage may cause damage to the unit.

- Do not disassemble or short the batteries. Do not throw the batteries into the fire.
- To avoid the risk of accident, keep the batteries out of reach of children.



- ① Power Button
- ② BAND/DISC UP Button
- ③ ATT Button
- ④ TUNE/TRACK Button
- ⑤ Volume Control Button
- ⑥ Mode Button

Please refer Battery Replacement before using remote control.

Operating Procedures

Aim the remote controller toward the sensor of the main unit.

General

Power

- ① POWER (Power Button)
Press POWER to switch on the power.
Press POWER again to switch off the power.

Mode Selection

- ⑥ MODE (Mode Button)
Press MODE to switch the operation mode in the following order.
Radio → CD Player → CD Changer Control
↑ AUX ↓
(Only for CQ-DP875EW)

Attenuator/Tone Enhancement

- ③ ATT (ATT Button)
• Press ATT to immediately decrease volume to about 1/10 of its previous level.
• Press ATT again to resume the previous volume.

Volume

- ⑤ √VOL^ (Volume Control Button)
Press "∧" or "√" to increase or decrease volume level.

Remote Control Unit Basics continued

Radio

Selecting a Band

② BAND (Band select Button)

Press BAND to select bands in sequence.

FM1 → FM2 → FM3 → AM

Seek Tuning

④ ∇TUNE∧ (Seek Tuning Button)

Press and hold "∇" or "∧" for more than a half second, then release. The radio will automatically stop on the next station.

Manual Tuning

④ ∇TUNE∧ (Manual Tuning Button)

Press "∇" or "∧" to tune the frequency downward or upward.

Compact Disc Player

(When a disc is inserted, playback starts.)

To starts CD Play

⑥ MODE (MODE Button)

- Only when a disc is inserted, press to select CD play mode, and playback starts automatically.
- When connecting with the CD changer, press repeatedly to select the mode as follows.

Radio → CD Player → CD Changer Control

↑ ↓
AUX

(Only for CQ-DP875EW)

When a disc is inserted, the CD play starts automatically regardless what mode you are being listened.

Selecting a Track

④ ∇TRACK∧ (Track Select Button)

- Press "∧" once to go to the next track.
- Press "∇" once to play from the beginning of the currently played track.
- Press repeatedly to skip forward or backward through all the tracks.

Searching a Track

④ ∇TRACK∧ (Track Search Button)

- Press and hold "∇" or "∧" for more than a half second to activate fast forward or reverse through a track.
- Release to stop fast forward or reverse.

CD Changer Control

(In connection with the CD changer.)

Selecting a DISC

② DISC UP (Disc Select Button)

Press to sequentially advance to the next disc.

Selecting a Track

④ ∇TRACK∧ (Track Select Button)

Press "∧" once to go to the next track.

Press "∇" once to play from the beginning of the currently played track.

Press repeatedly to skip forward or backward through all the tracks.

Searching a Track

④ ∇TRACK∧ (Track Search Button)

- Press and hold "∇" or "∧" for more than a half second to activate fast forward or reverse through the disc.
- Release to stop fast forward or reverse.

Installation Guide

Preparation:

- Before installation check the radio operation with antenna and speakers.
- Disconnect the cable from the negative (-) battery terminal (see caution below).

Caution:

For installation to cars with trip or navigational computer, all electronic memory settings previously registered in the computer will be lost when the battery terminal is disconnected. For this type of car, battery could not be disconnected. Therefore, extra care should be taken to prevent short circuiting.

In dash installation

Installation Opening

In-dash installation can be done if the car's dashboard has an opening for this unit as shown in Fig. 1. The car's dashboard should have a thickness of 4.5mm-6mm in order to make the installation of the unit.



Fig. 1

Installation Precautions

This equipment, if possible, should be installed by a professional installer.

In case of difficulty, please consult your nearest authorized Panasonic Service Center.

1. This system is to be used only in a 12-volt, DC battery system (car) with negative ground.
2. Follow the electrical connection on page 21 carefully. Failure to do so may result in damage to the unit.
3. Connect the power lead after other connections are made.
4. Be sure to connect the YELLOW lead to positive terminal (+) of the battery to fuse block (BAT) terminal.
5. Insulate all exposed wires to prevent short circuiting.
6. Secure all loose wires after installing the unit.
7. Please carefully read the operating and installation instructions of the respective equipment before connecting it to this unit.

Installation Hardware

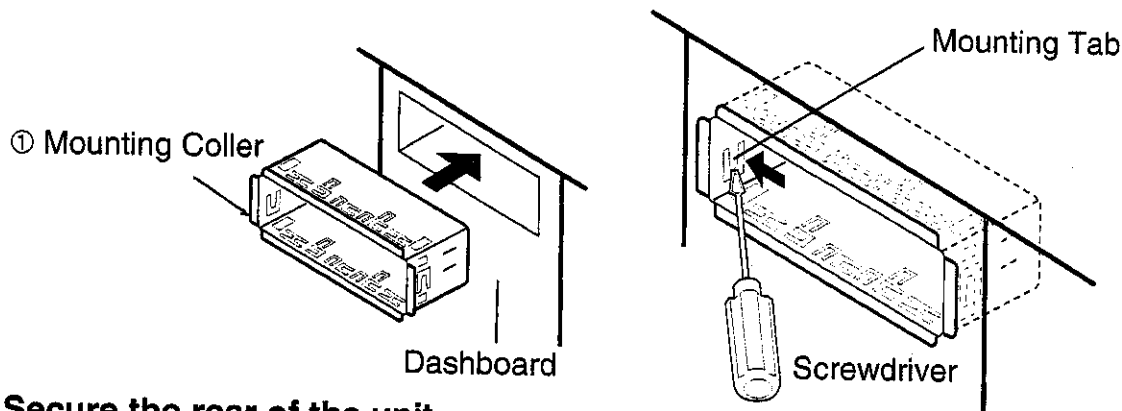
No.	Item	Diagram	Qty	No.	Item	Diagram	Qty
①	Mounting Collar		1	⑧	Mounting Bolt (5 mmφ)		1
②	Plain Washer (5 mmφ)		2	⑨	Power Connector		1
③	Spring Washer (5 mmφ)		2	⑩	Removable Face Plate Case		1
④	Hex. Nut (5 mmφ)		2	⑪	Remote Control Unit		1
⑤	Rear Support Strap		1	⑫	Lithium battery		1
⑥	Hex. Bolt (5 mmφ × 25 mm)		1	⑬	Dismounting Plate		1
⑦	Toothed Lock Washer (5 mmφ)		1				

Installation Guides continued

□ Installation Procedures

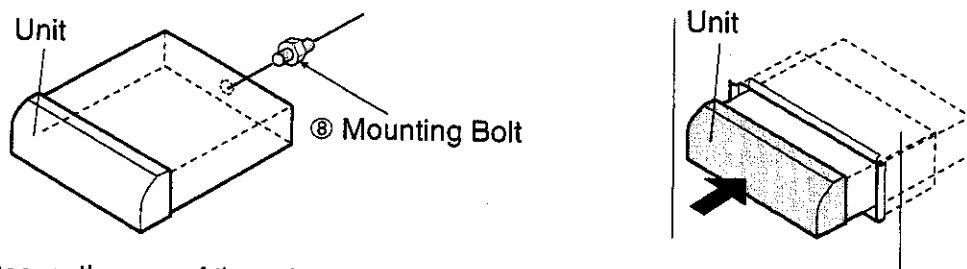
1. Secure the Mounting Collar ①.

Insert Mounting Collar ① into the car's dashboard, and bend mounting tabs out with a screwdriver.



2. Secure the rear of the unit

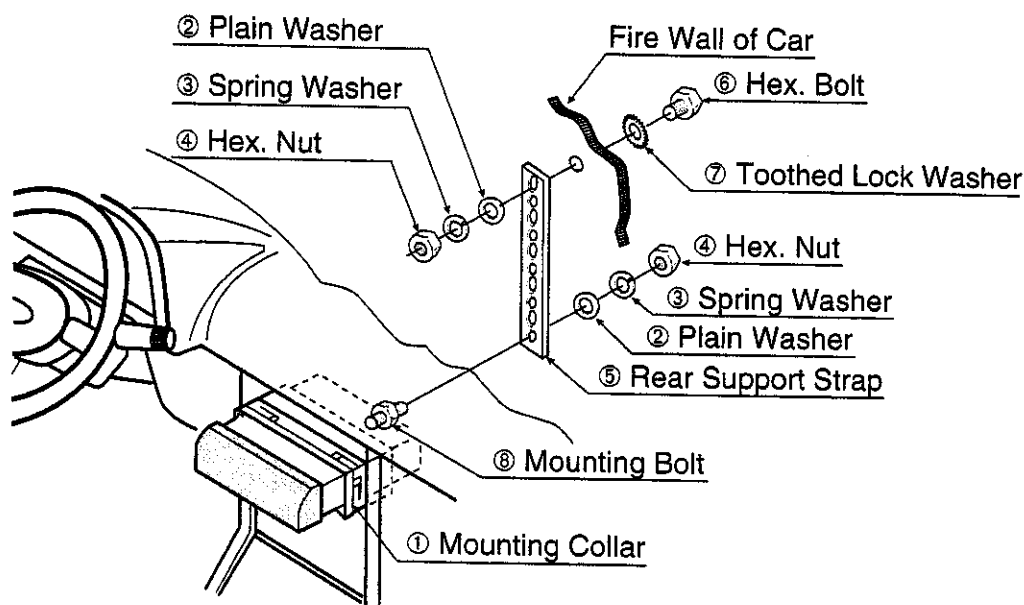
- Check the electrical connection by referring to this operating instructions.
- Connect the Mounting Bolt ⑧, using a suitable wrench.
- Insert the unit into Mounting Collar ① and push it in until "click" is heard.



- Secure the rear of the unit to the car by either of the two recommended methods.

■ Using the Rear Support Strap ⑤

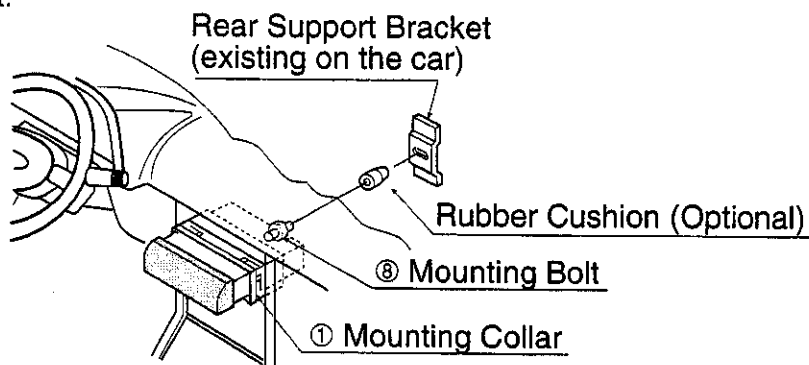
Affix one end of the Rear Support Strap ⑤ to the rear of the unit, and the other end to the Fire Wall of Car, or some other metallic area.



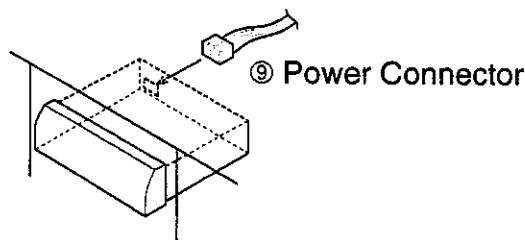
■ Using the Rubber Cushion (Optional)

(If there is an existing Rear Support Bracket on the Fire Wall of Car.)

Cover Mounting Bolt ⑧ on the rear of the unit with Rubber Cushion (Optional), and mount it into existing Rear Support Bracket.



3. Plug the Power Connector ⑨.

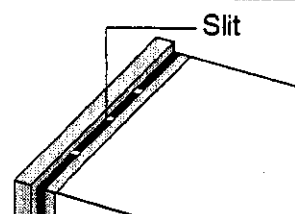


4. After installation reconnect the negative (–) battery terminal.

To Remove the trim plate (for Japanese Cars)

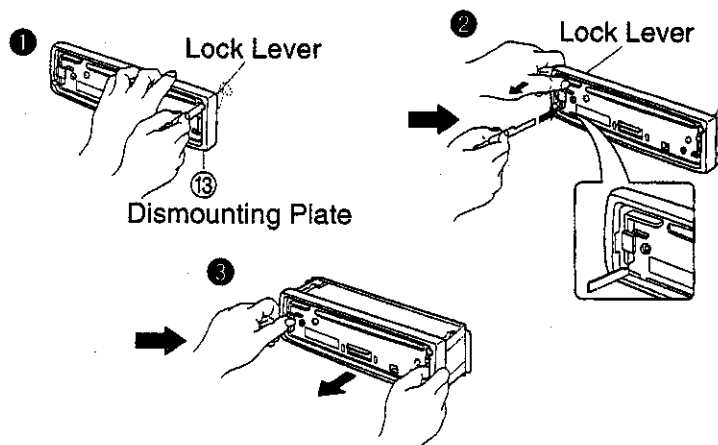
You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your dealer or professional.

To mount this unit on a Japanese car, first cut the 9 slit in back of the trim plate with side-cut pliers, remove the trim plate, then mount this unit.



To Remove the Unit

- Remove the removable face plate. (See page 20.)
- Pull out the unit while pushing the lock lever using Dismounting Plate ⑬
- Remove the unit pulling with both hands.



Note: Do not lose the Dismounting Plate. It will be needed to remove the unit from the car's dashboard.

Installation Guide continued

Anti-Theft System

This unit is equipped with a removable face plate. By removing this face plate, the radio becomes totally inoperable. The security indicator will blink.

To Remove the Removable Face Plate

- ① Switch off the power.
- ② Press the release button (▲). The removable face plate will be released.
- ③ Remove the removable face plate by pulling on the right side of the unit. Place the removable face plate in a supplied case.

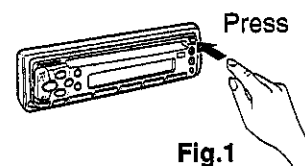


Fig.1

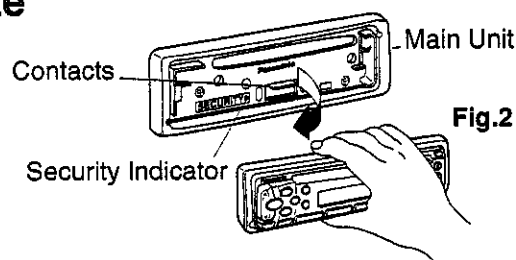


Fig.2

Warning Alarm and Security Indicator (Only for CQ-DP875EW)

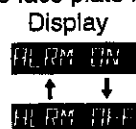
The security indicator blinks when the removable face plate is removed from the unit. Furthermore, the alarm will set off for 1 minute then reset when an attempt is made to remove the unit from the mounting collar.

Activate Warning Alarm and Security Indicator (Only for CQ-DP875EW)

1. Press and hold SEL for more than 4 seconds when the power is ON. "ALARM ON" is displayed, and the security indicator and Warning Alarm turn ON.

Note: The ALARM mode is inactivated when it is shipped.

2. To check whether the unit is set in the ALARM ON mode, make sure that the security indicator blinks when the removable face plate is removed.



Security Indicator	Warning Alarm
Blinks	ON
(Press and hold SEL for more than 4 seconds.)	
OFF	OFF

Caution:

1. Warning Alarm may not operate if the exclusive supplied mounting collar is not used. This mounting collar will set off the alarm when the unit is being removed.
If the main unit is not correctly wired and installed, the system may accidentally sound the alarm.
2. When removing or installing the unit, make sure that it is in the ALARM OFF mode.
3. When the Warning Alarm is activated by mistake, or when you want to remove the unit, the Warning Alarm and the security indicator functions can be canceled by the following steps of procedure.
 - Install the removable face plate.
 - Disconnect the power connector.

- ④ As shown in Fig.3, insert the removable face plate with the arrow pointing toward the removable face plate case until you hear a "click". Keep the removable face plate in the case. Then, you can bring the plate safety.

⑩ Removable face plate case

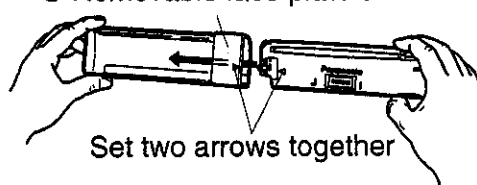


Fig.3

Set two arrows together

To install the Removable Face Plate

- ① Slide the left side of the removable face plate in place.
- ② Press the right end of the removable face plate until "click" is heard.

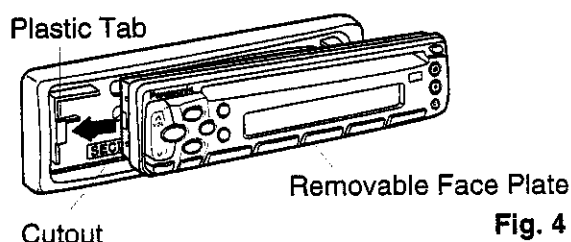


Fig. 4

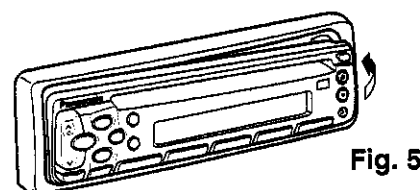


Fig. 5

Caution:

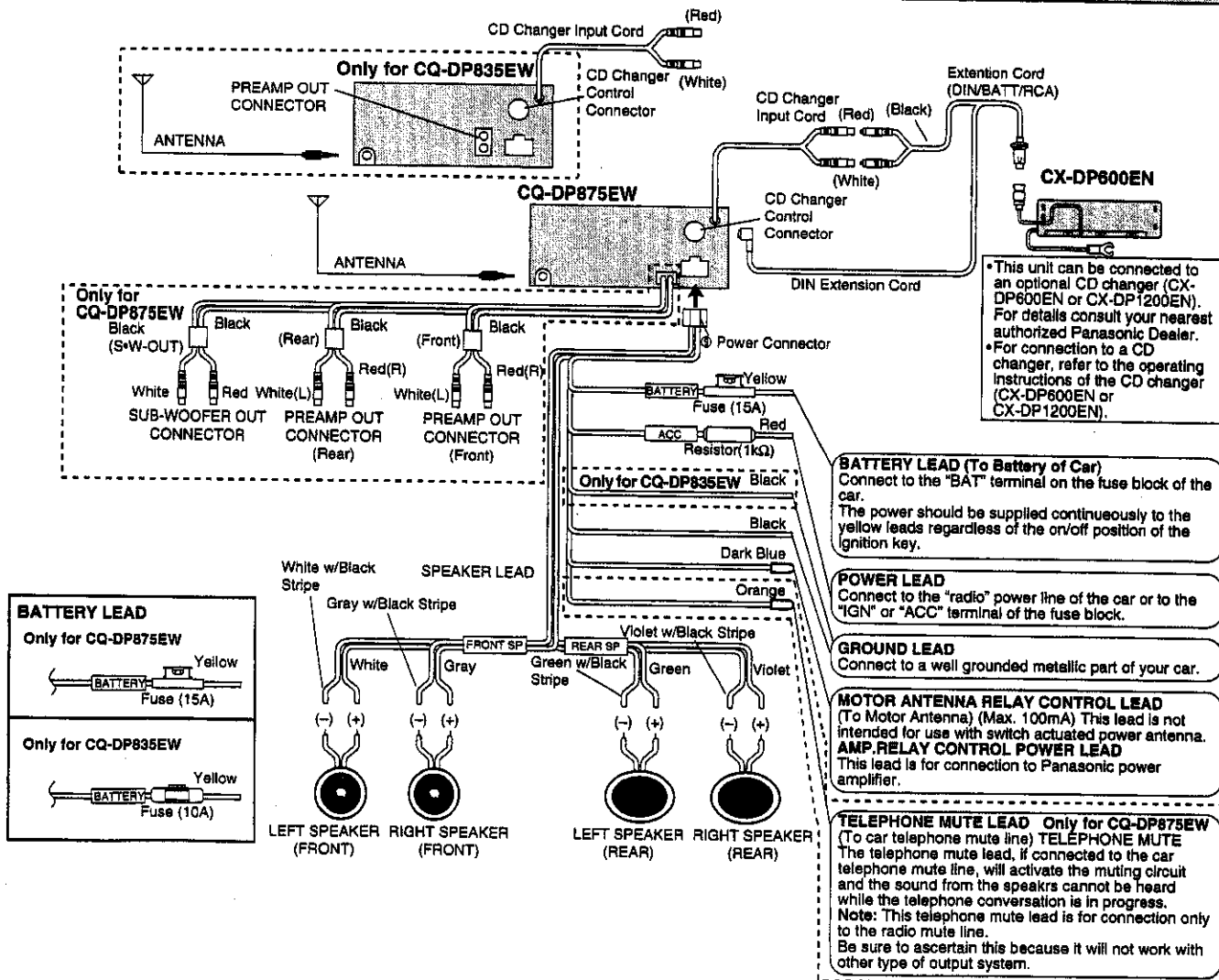
1. Before removing the removable face plate, make sure the power is off.
2. This removable face plate is not water-proof. Do not expose it to water or excessive moisture.
3. Do not remove the removable face plate, while driving your car.
4. Do not place the removable face plate on the dashboard or nearby areas where the temperature rises to high levels.
5. Do not touch the contacts on the removable face plate or on the main unit, since this may result in poor electrical contacts.
6. If dirt or other foreign substances get on the contacts, wipe them with a clean, dry cloth.

Electrical Connection

- This unit can be connected to an optional CD changer (CX-DP600EN). For details consult your nearest Panasonic dealers.
- For connection to a CD changer, refer to the operating instructions of the CD Changer (CX-DP600EN).

Caution:

- To prevent damage to the unit, be sure to follow the connection diagram below.
- Remove the covering of the leads about 5 mm long from their end before connecting.
- Do not insert the power connector into the unit until the wiring is completed.
- Be sure to insulate any exposed wires from a possible short-circuit from the car chassis. Bundle all cables and keep cable terminals free from touching any metal parts.

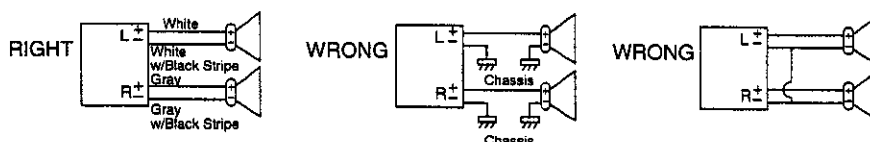


Speaker Connections

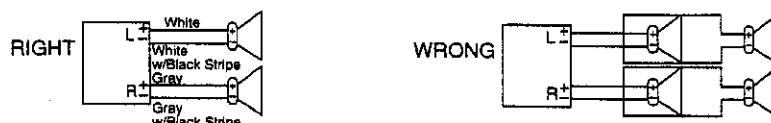
CAUTION:

1. Use ungrounded speakers only.
2. The speakers to be used with this unit should be able to handle more than 40W (CQ-DP875EW), 35W (CQ-DP835EW) of audio power. If an optional amplifier is used, the speakers should be able to handle the maximum output power of the amplifier. Use of speakers with small input ratings can cause damage to the speakers.
3. The speaker impedance should be 4-8 ohms. If the impedance is too large or too small, it affects the output and may cause damage to the speakers or this unit.
4. Do not use 3-wire type speaker system having a common earth lead. Never connect the speaker cord to the body of the car. This unit uses the BTCL circuit, so each speaker should be connected separately using parallel vinyl insulated cords.
5. The speaker cords and the power amplifier unit should be kept away (about 30cm apart) from the antenna and antenna extension cord.
6. Follow the connection diagram below carefully. Failure to do so may cause damage to both unit and speakers.

• Unit will be damaged if speakers (Front, Rear) are not connected properly.



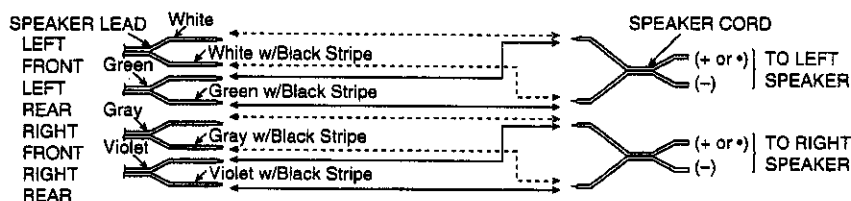
• Do not connect more than one speaker to one set of speaker leads.



2-SPEAKER SYSTEM

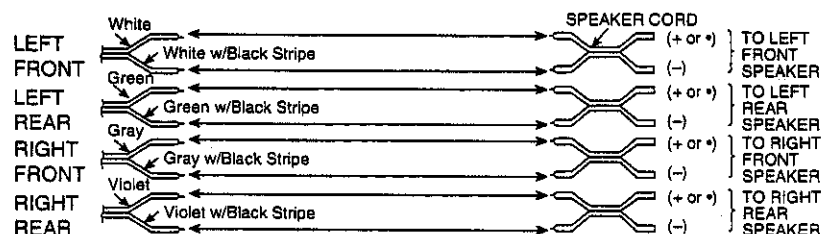
Use only front or rear speaker leads. Do not connect both (Front and Rear) together.

- When the front speaker are used, connect leads as illustrated in dotted lines (.....) below.
- When the rear speakers are used, connect leads as illustrated in actual lines (___) below.



* To prevent unused speaker leads from any short-circuiting, protect them with insulating caps.

4-SPEAKER SYSTEM



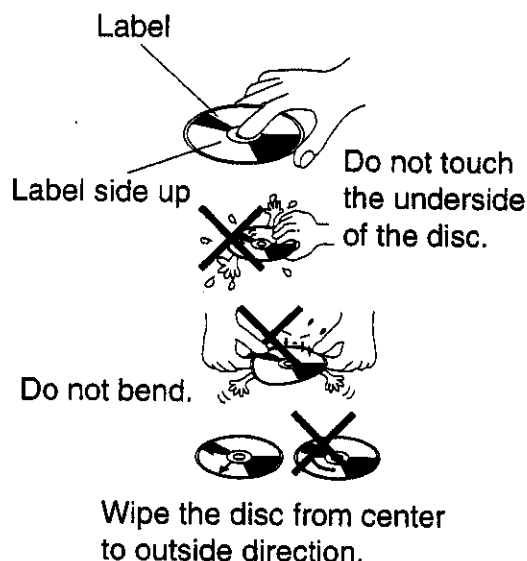
Special Notes

Notes on Compact Discs

USE ONLY DISCS CARRYING THIS LABEL



- Handle discs carefully.
- Keep discs clean.
- Do not scratch or place stickers on discs.
- Do not bend discs.
- Keep discs in their cases when not using them.
- Do not place discs:
 1. In direct sunlight.
 2. In dirty, dusty or damp areas.
 3. Near the vehicle heater.
 4. On the seats or dashboard.



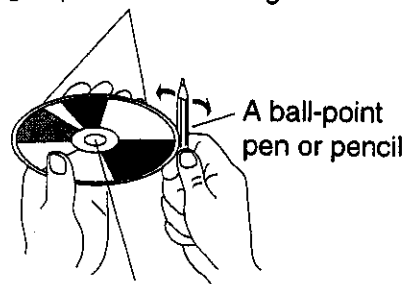
Disc Cleaning

Use a dry, soft cloth to wipe the surface. If the disc is soiled, use a soft cloth slightly dampened with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner, conventional record cleaner, or household cleaners as they may mar the surface of the disc.

A Caution on New Discs

A new disc may have rough spots on its inner and outer edges. These rough edges may cause the CD player to reject the disc. Remove these rough edges by rubbing the inner and outer edges with a pen or pencil as shown at right.

Rough spots on outer edge



Rough spots on inner edge

Fuse

Be sure to use a fuse of the specified rating (15A)[CQ-DP835EW: 10A] when replacing a blown fuse. Fuses with higher capacity ratings, use of any substitute, or connection without a fuse may result in a fire hazard or damage to the unit. If the replacement fuse fails, consult your nearest authorized Panasonic Service Center.

Maintenance

To clean the exterior of this unit, use a soft cloth to wipe the surface. Do not use benzine, thinner, or any other type of solvents.

Specifications

General

Power Supply:	12 V DC (11 V - 16 V), Test Voltage 14.4 V, Negative ground
Maximum Power Output:	40 W × 4 channels at 400 Hz, Volume Control maximum (CQ-DP875EW) 35 W × 4 channels at 400 Hz, Volume Control maximum (CQ-DP835EW)
Power Output:	14 W × 4 (DIN45 324, at 4 Ω) (CQ-DP875EW) 9 W × 4 (DIN45 324, at 4 Ω) (CQ-DP835EW)
Tone Action:	Bass, ±12 dB at 100 Hz, Treble; ±12 dB at 10 kHz
Pre-Amp Output Voltage:	2.0 V (CD Play Mode; 1 kHz 0 dB)
Output Impedance:	600 Ω
Current Consumption:	Less than 1.7 A (CD Play Mode)
Dimensions Main Unit (W×H×D):	178(W) × 50(H) × 150(D) mm
Weight Main Unit:	1.7kg

AM Radio

Frequency Range:	531 - 1,602 kHz
Useable Sensitivity:	28 dB/μV (25μV, S/N 20 dB)

FM Stereo Radio

Frequency Range:	87.5 - 108 MHz
Useable Sensitivity:	6 dB/μV (S/N 30 dB)
Stereo Separation:	42 dB (at 1 Hz)

CD Player

Sampling Frequency:	32 times oversampling
DA Converter:	MASH•1bit/4 DAC System
Error Correction System:	Panasonic Super Decoding Algorithm
Pick-Up Type:	Astigma 3-beam
Light Source:	Semiconductor laser
Wavelength:	780 nm
Frequency Response:	20 Hz to 20,000 Hz, ± 1 dB
Signal/Noise Ratio:	96 dB
Total Harmonic Distortion:	0.01% (1,000 Hz)
Wow and Flutter:	Below measurable limits
Channel Separation:	75 dB

Note:

Specifications and design are subject to modification without notice due to improvements in technology.