

LEGACY

LCD89DFX

INSTRUCTION MANUAL

REMOTE CONTROL BASICS BATTERY REPLACEMENT:

1. Remove the battery holder as the direction indicated by the arrow.
2. Replace the battery Set a new battery property with (+)side up.
3. Insert the battery holder. Push in the holder to the original position.

NOTE ON BATTERIES:

Old batteries must immediately be removed and disposed.

BATTERY INFORMATION:

Designated Battery: CR 2025 3V

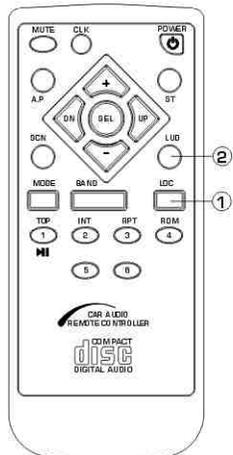
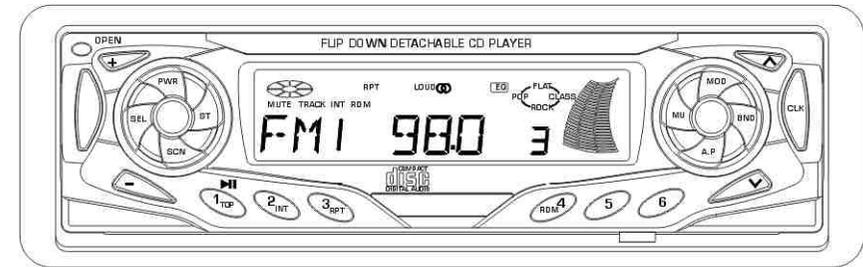
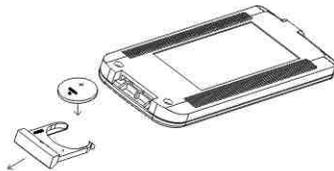
Battery Life: 6 months with normal use (in normal room temperatur)

CAUTION:

Improper use of batteries may cause overheating, explosion or ignition. Resulting in jury 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.



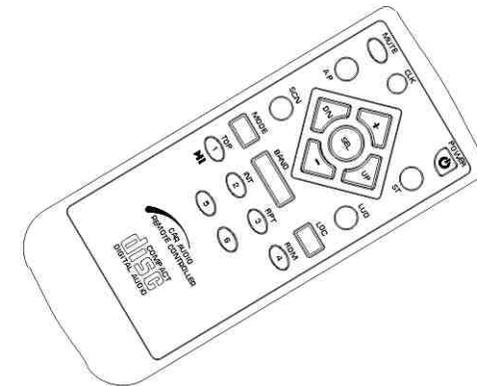
1. LOCAL/DISTANCE BUTTON

If you find the receiving signal is weak and there is the word LOC displayed on LCD when you tune for distance station, firstly press the button to disappear the word LOC on LCD, then tune again for the distance station.

If you find the interference to the receiving signal is very strong and there is not the word LOC displayed on LCD when you tune for local station, firstly press the button to display the word LOC on LCD, then tune again for the local station.

2. LOUDNESS BUTTON

Press it to enhance the bass sound effect immediately when the volume level is reduced to below half level.



**AUTO-LOADING COMPACT DISC PLAYER
AND AM/FM-STEREO DIGITAL PLL TUNING RADIO
ANTI-THEFT FLIP DOWN DETACHABLE FRONT PANEL
WITH INFRA-RED REMOTE CONTROLLER**

DEAR CUSTOMER

Selecting fine audio equipment such as the unit you have just purchased is only the start of your musical enjoyment. Now it is time to consider how you can maximize the fun and excitement your equipment offers.

We want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion - and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing " comfort level " adapts to higher volumes of sound. So what sounds " normal " can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- . Start your volume control at a low setting
- . Slowly increase the sound until you can hear it comfortably and clearly, and without distortion we want you listening for a lifetime.

Once you have established a comfortable sound level:

- . Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

ABOUT THIS MANUAL

This product features a number of sophisticated functions ensuring superior reception and operation. All are designed for the easiest possible use, but many are not self-explanatory. This operation manual is intended to help you benefit fully from their potential and to maximize your listening enjoyment.

We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this product. It is especially important that you read and observe the " precaution " on the next page and in other sections.

In this operation manual, the Basic Operation for each sound source is outlined at the beginning of its explanation, covering simple operation for that source, such as merely playing music.

SPECIFICATION

GENERAL

Power requirement.....	DC 13.8V.
Current consumption.....	7A MAX.
POWER OUTPUT.....	4 X 7W

FM SECTION

Frequency range.....	87.5MHz -108.0MHz(EU)
Frequency range.....	87.5MHz -107.9MHz(US)
Usable sensitivity.....	3uV.
I.F Frequency.....	10.7MHz.

AM SECTION

Frequency range.....	522KHz - 1620KHz(EU)
Frequency range.....	530KHz - 1710KHz(US)
I.F Frequency.....	450KHz
Usable Sensitivity.....	40dB

LINE - OUT [OPTION]

Output.....	CD MAX 800mv
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CD PLAYER

System.....	compact disc audio system.
Usable disc.....	CD/CD-R/CD-RW disc
	No of quantization bits 1bit.
Signal format.....	sampling frequency 44.1KHz.
Frequency characteristics.....	20-100Hz ≤ 5dB
	10-20KHz ≤ 5dB.
Signal to noise CD.....	50dB [1KHz]
Number of channels.....	2 STEREO.
Chassis dimensions.....	178[W] X 50[H] X 165[D].

DISC PLAY:

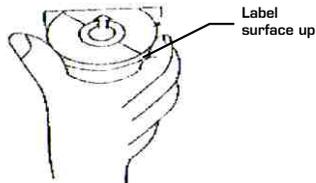
Cleaning discs

Before playing, clean the disc with a clean, lint-free cloth.
Wipe the disc in the direction of the arrow.



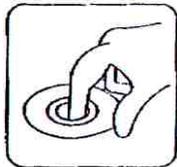
NOTE:

- Do not use so solvents such as benzine, thinners. Commercially available cleaners or anti static spray damage the unit.
- Insert a disc with the label surface down. Doing so may damage the unit.



NOTE:

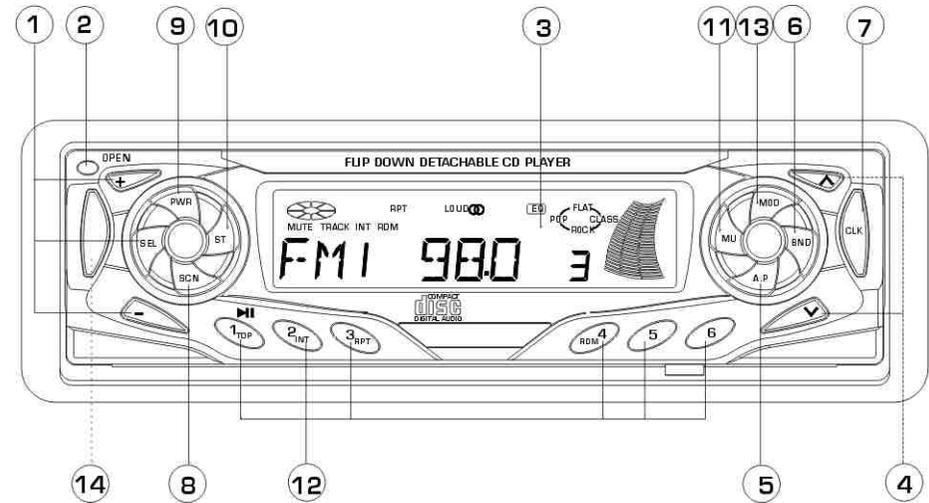
- Do not try to insert another disc when one has been already inserted. Doing so may damage the unit.
- Handle the disc by its edge. And to keep the disc clean, do not touch the surface.



.Do not stick paper or tape on the disc.

.Do not expose the disc to direct sunlight or heat sources such as hot air ducts. Or leave it in a car parked in direct sunlight where there can be a considerable rise in temperature.

LOCATION AND FUNCTION OF CONTROLS



1. V-SEL/MENU/(SEL) AND V-UP/DN, MENU-UP/DN(+/-) BUTTONS

- 1). Press SEL button shortly and repeatedly to select sound mode VOLUME, BASS(without preset DSP), TREBLE(without preset DSP), BALANCE and FADER, then press + or - button to adjust level of the selected sound mode.
- 2). Press SEL button hold for more than 1 second to turn on MENU mode, and the LCD will display DSP OFF/POP M/ROCK M/CLASS M/FLAT M, then press SEL button shortly and repeatedly to select BEEP ON/BEEP OFF, SEEK1/SEEK2, VOL LAST/VOL ADJ(When it is in VOL ADJUST mode, the next mode will be A-VOL after VOL ADJUST mode, then you can adjust the volume level) in the sequence and circulation. After select the desired MENU mode, press + or - button to select the mode of the selected MENU.

2. OPEN BUTTON

Press it to flip down the front panel and you can insert the disc into the CD compartment or press the EJ button to eject the disc from the disc compartment or take away the front panel.

3. LCD (LIQUID CRYSTAL DISPLAY)

4. UP AND DN BUTTONS

- 1) In RADIO mode, press ^ or v button shortly and repeatedly to manually tune up or down for the desired radio station with step by step. Press ^ or v button hold for more than 0.5 seconds to auto-matically tune up or down for the radio station of strong signal.
- 2) In CD mode, press ^ button to play next track. Press v button once to play the current track from the beginning of the current track, press v button twice continuously to play the last track. Press ^ or v button hold to skip forward or backward.

5. AUTO-STORAGE/PRESET MEMORY SCAN BUTTON

In radio mode, press it to perform all stations memory for 5 seconds each time, while memory digital and frequency will flash on LCD. If the button is pressed for more than 2 seconds, it will seek station on current band, then write to the preset memories. When the auto-storage operation is completed, it will automatically perform for 5 seconds each time. During the memory station performing, press 1-6 digital buttons to select and stop scanning function.

6. BAND BUTTON

Press it repeatedly to select your desired radio band during RADIO mode.

7. CLOCK BUTTON

Press CLK button to display time on LCD, then press CLK button hold until time flashes on LCD, thirdly press + or - button to adjust HOUR or MINUTE.

8. SCAN BUTTON

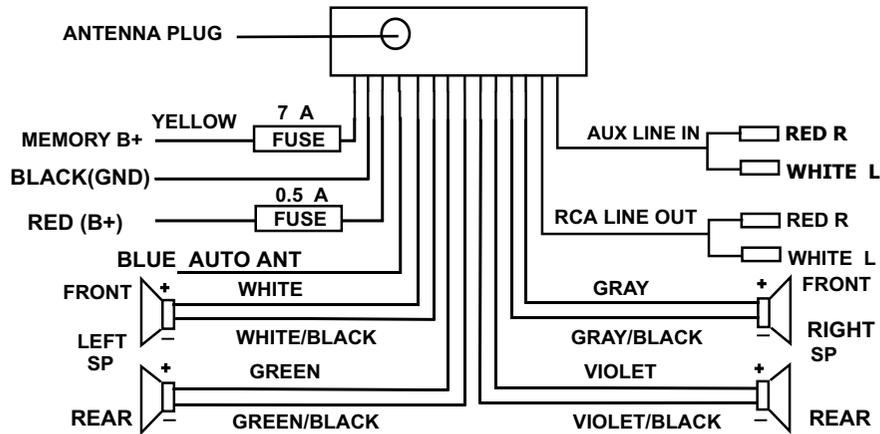
Press it to scan up by one channel step with station detection. If a valid signal has detected, the current frequency is blinked within 5 seconds, then press it again to stop scan and remain the current frequency; otherwise, the unit continue to scan up by one channel step with station detection 5 seconds later.

TROUBLE SHOOTING

To solve the common problem, read the trouble shooting list. If you still can not solve the problem, consult your nearest service dealer.

Symptom	Cause	Solution
No power	The car ignition is not on.	If the power supply is properly connected to the car accessory switch the ignition key to " ACC "
	The fuse is blown	Replace the fuse
Disc cannot be loaded	Presence of CD disc inside the player	Remove the disc in the player then put a new upward
Disc cannot be read	Inserting the disc in upside down	Insert the compact disc with the label facing upward
	Compact disc is extremely dirty or defective	Clean the disc or try to play a new one
	Temperature inside the car is too high	Cool off until the ambient temperature returns to normal
No sound	Volume is in minimum	Adjust volume to a desired level
	Wiring is not properly connected	Check wiring connection
The operation keys do not work	1.The built-in microcomputer is not operating properly due to noise 2.Front panel is not properly fix into its place	1. Press the RESET button 2. Reinstall the front panel
Sound skips	The installation angle is more than 30 degrees	Adjust the installation angle to less than 30 degrees
	The disc is extremely dirty or defective	Clean the compact disc/try to play a new one
The radio does not work the radio station automatic selection does not work	The antenna cable is not connected the signals are too weak	Insert the antenna cable firmly select a station manually

SPEAKER CONNECTION



NOTE:

1. In spite of having any kinds of speaker system, must use 4 ohms impedance of speaker to reduce the distortion during high volume level.
2. Prohibit to make the conductors of auto antenna and ground touch with each other.



IMPORTANT:

This radio is set to USA frequency by factory, if European frequency is required please flip the frequency step switch on the side of the unit.

After the switchover of the frequency switch, the frequency convert function will not be valid until the RESET button has been pressed. (The RESET button is in the rear facet of the front panel)

9. POWER BUTTON

Press any button except the EJECT and OPEN button to turn on the unit, press PWR button hold for more than 0.5 seconds to turn off the unit. (After switching on the ACC POWER first time for 3 seconds, can only turn on the unit)

10. STEREO/MONO BUTTON

Press it repeatedly to select STEREO or MONO sound mode.

11. MUTE BUTTON

Press the button to eliminate or resume the sound immediately. To resume the sound immediately, can also press MODE, BAND, +, -, (LOUD) and SEL button.

12. PRESET STATION [1-6] AND TOP/CDP, INT, RPT, RDM BUTTONS.

- A). To memorize the current frequency, press any one of the six preset buttons hold for more than 2 seconds.
- B). To recall the preset memory, press one of the preset buttons [1-6].
- C). In CDP mode, press TOP/CDP button to pause CDP playback, press it again to resume CDP playback. Press it hold for more than about 0.5 seconds to play the first track of the disc.
- D). In CDP mode, press INT button to play the first 10 seconds part of each track, press it again to stop INT mode and retain playing the track currently selected.
- E). In CDP mode, press RPT button to play the current track repeatedly. Press it again to cancel this mode.
- F). In CDP mode, press RDM button to play the track in random order. Press it again to cancel this mode.

13. MODE BUTTON

Press it to select RADIO or CDP mode.

14. INFRA-RED REMOTE CONTROLLING SENSOR

INSTALLATION

CAUTION: Do not install the detachable panel before connecting the wire.

1. The unit is designed for negative terminal of the battery which is connected to the vehicle metal. Please confirm it before installation.
2. If the car interior is extremely hot, as after being parked in the sun, do not use the player until the car has been driven for a while to cool off the interior.
3. Press the OPEN button to flip down the front panel (see fig.1), then take away the front panel (see fig.2) and put it in the protective case (see fig.3) safe keeping.
4. Install the front panel back into its bracket and then push it back to the position for playing (see fig.4).

