Domain ®
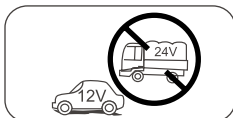
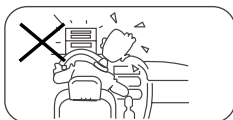## USB/SD/MMC PLAYER WITH FM/AM TUNER

DM-CR682BT

DM-CR682BT

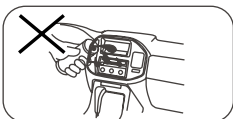# OPERATING INSTRUCTIONS

Precautions

Only connect the unit to a 12-volt power supply with negative grounding.

Never install this unit where the operation & condition for safety driving is restrained.

Never expose this unit, amplifier, and speakers to moisture or water for preventing electric sparks or fires.

Please don't change the fuse on the power cord without professional guidance, using improper fuse may cause damage to this unit or even cause fire.
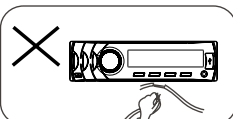
Please power off this unit at once and send it back to the after-sales service center or the dealer/distributor you purchased from if one of the following symptoms is found:
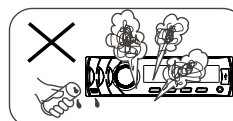
(a). Water or other obstacle enters the unit;
(b). Smoking;
(c). Peculiar smell.

To ensure safe driving, please adjust the volume to a safe & comfort level in case of emergency situations.

Contents

Thank you for purchasing this product. Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, keep this manual in a safe place for future reference.

To provide a clear demonstration and an alternative for easy understanding of the operation of this unit, graphic illustration was used. However, this illustration is not necessary printed as the actual image found on the unit.

Panel Controls

Power ON: Press [⏻/MUTE] button to turn on the unit.
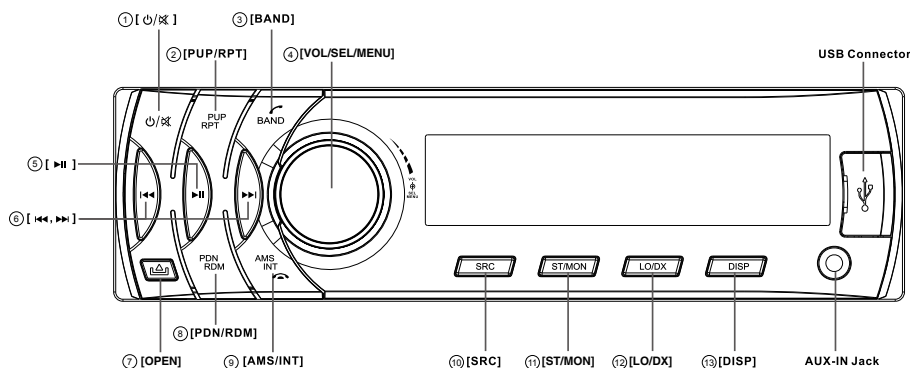
1. [⏻/🔇]: Press to POWER on; When on, press to MUTE; Long press to POWER off.
2. [**PUP/RPT**]: Radio mode, press to select next preset station. In manual tuning mode, press to select a preset position.
   USB mode, press to select repeat play, long press to enter previous folder.
3. [**BAND**]: Radio mode, press to switch BAND, In manual tuning mode, long press to store station.
   BT MUSIC mode, press to receive / dial out .
4. [**VOL/SEL/MENU**] knob: Adjust the volume level (rotate).
   Press to set sound effect.
   Long press to enter setting menu.
5. [▶❚❚]: Play/Pause
6. [◀◀ , ▶▶]: Radio mode, press to tune manually. Long press to tune automatically.
   USB mode, press to goto previous track, long press to fast-reverse/forward.
7. [**OPEN**]: Press to release the panel.
8. [**PDN/RDM**]: Radio mode, press to select previous preset station. In manual tuning mode, press to select a preset position.
   USB mode, press to random play, long press to enter next folder.
9. [**AMS/INT**]: Radio mode, scan preset stations, long press to search and store strongest stations in the memory automatically.
   USB mode, press to intro play. Long press to enter TRACK NUM SEARCH
   BT MUSIC mode, press to hang up / reject. Long press to disconnect.
10. [**SRC**]: Select playback source
11. [**ST/MON**]: Press to select FM stereo or mono.
    Long press to turn on/off loudness.
12. [**LO/DX**]: Select Radio local or distant.
13. [**DISP**]: Display switch, long press to adjust time.

2

Panel Controls (continuous)

Press [OPEN] button, then hold the side popped out and pull out the panel.

RESET Hole   SD/MMC Card Slot
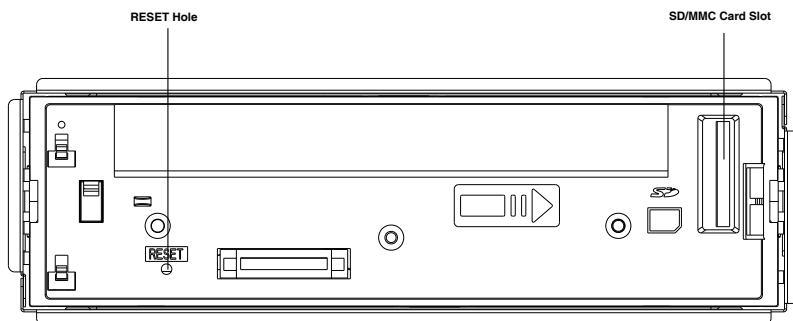
Reset

Resetting the unit will erase the time and preset memories. It should only be activated upon initial installation after all wiring is complete, or if there is a malfunction of any of the switches on the unit.

General Operation

Power On/Off Button

Press the [⏻/🔇] button to turn the unit on when the vehicle ignition switch is on. Press and hold the button to turn the unit off.

Adjust Volume level

Rotate the [VOL/SEL/MENU] knob to adjust volume level. Rotate it clockwise to increase and anticlockwise to decrease the volume.

Audio Mute

Press the [⏻/🔇] button to mute the volume from the system. "MUTE" will appear on the display panel and the volume will be muted. Press the [⏻/🔇] button again, or adjust the volume level to cancle MUTE mode.

Audio Controls

To adjust the bass, treble, balance and fader, press the [VOL/SEL/MENU] knob repeatedly until the appropriate audio control appears on the display panel. Within five seconds, rotate the knob to adjust the audio settings for the selected function.

Mode Button (SRC)

Press the [SRC] button repeatedly to change following mode: Radio, USB (when USB is connected), Card(when SD/MMC card is in), AUX play, etc

Auxiliary Input

To access an auxiliary device:
1. Connect the portable audio player to the AUX interface on the front panel.
2. Press the [SRC] button to select AUX mode.
3. To cancel AUX mode, press [SRC] again.

Display Selector (DISP)

This unit can display the clock time, radio frequenc. Ordinarily, the radio frequency or MP3/WMA track indication is displayed, but the unit will display the time when the [DISP] button is pressed. The time will display for approximately 5 seconds then return to previous mode.

Setting the Clock

The correct time of day can be set by pressing and holding the [**DISP**] button.
To set the clock, perform the following steps:
1. Press the [DISP] button to view the clock.
2. With the clock visible on the display, press and hold the [DISP] button until the time display flashes.
3. Within 5 seconds, rotate the knob counter clockwise to adjust the minutes to the desired setting. To change the hour, rotate the knob clockwise to adjust the hour to the desired time.
4. Press [DISP] to confirm.

Band

During radio play, press the [BAND] button to choose between three FM and two AM bands.

Up Tuning

Press the seek up [►►] button to tune stations upward step-by-step. The current frequency will be shown in digital format on the display panel.
Press and hold the seek [►►] button to the next available station.

Down Tuning

Press the seek down [◄◄] button to tune stations downward step-by-step.
Press and hold the seek down [◄◄] button to the previous available station.

Manual store

When one expected radio station has been detected, press and hold the [BAND] button, then press the [PDN/RDM] or [PUP/RPT] button to select a preset position, press the knob to confirm.
The unit can store 6 stations in each band.

Auto Store

Press the [AMS/INT] button to scan preset stations 1-6. Hold it to automatically select six strong stations and store them in the current band. The new stations replace stations already stored in that band.
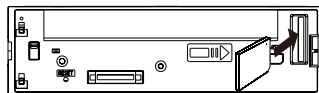
Recall the stored stations

To recall the preset station, press [PDN/RDM] or [PUP/RPT] repeatedly.

Load SD/MMC Card

Press [OPEN] button on the panel, hold the side popped out and pull it out. Then insert the SD/MMC card into the slot, with the front side at right. Attach the panel to the unit.
The unit will read the card automatically.

Take out SD/MMC Card

Press SRC button and switch to non CARD mode, take off the panel and take out the card. Attach the panel to the unit.

Load USB Equipment

Pull the USB cap to the right, insert the USB into the connector and the unit will read the USB storer automatically.
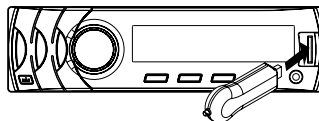
Take out USB Equipment

Press SRC button and switch to non USB mode, then take off the USB stick, close the cap.

USB/SD/MMC Notes

USB functions (flash memory type) MP3 music play
1. SD/MMC card support
2. USB flash memory 2 in 1 (SD/MMC) support
3. FAT 12/FAT 16, FAT 32 is possible
4. Tag (id3 tag ver 2.0)
   - Title/artist/album: 32 byte support
5. Multi card reader not support
6. USB 1.1 support
   USB 2.0 support
   (It can not support USB 2.0 speed. Just, get the same speed with USB 1.1)

📝 Note:

Not all USB devices are compatible with the unit.

WMA and MP3 Compatibility

It is possible to playback WMA and MP3 files.

About WMA

The unit can playback WMA data.
Windows Media and the Windows logo are trade marks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
This unit may not operate correctly depending on the application used to encode WMA files.

About MP3

Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e.revenue-generating) realtime broadcasting (terrestrial, satellite, cable and/or any other media), broad-casting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit http://www.mp3licensing.com.

Display Information

During playback, ID3 tag information display scrolling on the screen: FOLDER, FILE, ALBUM, TITLE, ARTIST and Track Number/Elapsed Time.

Repeat Playback

1. Press the [PUP/RPT] button to select:
   RPT ONE: Repeat play current track.
   RPT FOLD: Repeat play current folder.
   RPT ALL: Repeat play all the tracks.
   RPT OFF: Cancel repeat playback.

Direct Song/File Access

1. Press and hold the [AMS/INT] button to enable direct track searching.
2. Press the [VOL/SEL/MENU] knob to confirm.
3. Rotate the knob to select a number.
5. Repeat steps 2-3 to enter the other digits, if necessary.
   NOTE: The unit will only allow the selection of digits that correspond with the number of files on the media you are searching.
6. Once the track number appears on the screen, long press the knob to play the selected song/file.

MP3 Overview

- MP3 is short for MPEG Audio Layer 3 and refers to an audio compression technology standard.
- This product allows playback of MP3 files on USB or SD/MMC card.
- The unit can read MP3 files written in the format compliant with ISO 9660. However it does not support the MP3 data written by the method of packet write.
- The unit can not read an MP3 file that has a file extension other than ".mp3".
- If you play a non-MP3 file that has the ".mp3" extension, you may hear some noise.
- In this manual, we refer to what are called "MP3 file" and "folder" in PC terminology as "Track" and "Album", respectively.
- The unit may not play tracks in the order of track numbers.
- The unit plays only the audio tracks if contains both audio tracks and MP3 files.

Bluetooth Operation

✎ Note:
For your safety, avoid talking on the phone as much as possible while driving.

Bluetooth is a wireless transmission way for short distance. The built-in Bluetooth can connect with the mobile phones having Bluetooth function.
After connecting, you can control your mobile phone through the unit.

Pairing

Use this function to establish a connection between the unit and your mobile phone.
1. Turn on the unit and press SRC button to select BT MUSIC mode.
2. Turn on Bluetooth function of your mobile phone, keep phone within 3 meters to the unit and start to search for Bluetooth devices.
3. After the name of the Bluetooth module "CR1262" appears on the pairing list of your mobile phone, select it. At this time, a pairing code is required. Enter the pairing code "1234", and the Bluetooth pairing will process automatically. Some mobile phones may instruct you to select connect or disconnect, please select connecting.

Exit Pair

After pair successfully, if you want to disconnect, press and hold ☎ button to disconnect Bluetooth connection.

Make a call

1. Switch to BT MUSIC mode.
2. Press ☎ button.
3. Rotat the knob to scroll through the following list:
   DIAL NUM: dial number directly
   DIALLED: dialed number
   MISSED: missed call
   RECEIVED: received call
   ME PBK: Phone directory
   SIM PBK: SIM directory
4. Press knob to confirm the selection.

To dial a number directly, select DIAL NUM.
1. Rotate the VOL knob to select phone number, press knob to confirm.
   - Press |<< button to delete a digit inputted.
   - Press ☎ button to reset entered number.
2. Press ☎ to dial out.

To use a number in call log or directory, select the option other than DIAL NUM.

Receive

1. After pair successfully, if there is a call incoming, the unit switch to BT mode automatically.
2. Press ☎ button to receive.
3. Press ☎ button to hang up.

Call Transfer

During talking, press ☎ button to transfer audio from the unit to your mobile phone.

✎ Note:
Some mobile phones will transfer audio from the unit to themselves once the incoming call is answered.

BT Audio

To listen to audio from a bluetooth device and control playback with the unit.
1. Press SRC button repeatedly to select BT MUSIC mode.
2. To play or pause, press >|| button.

Music Mode
A2DP

A2DP is short for Advanced Audio Distribution Profile. The mobile phones supporting this function can transmit stereo audio, whereas the ones not supporting this function can transmit mono audaio only.

AVRCP

AVRCP is short for Audio/Video Remote Control Profile. The mobile phones supporting this function can control the playback of a Bluetooth audio player.

7

General Notes for Bluetooth

1. For some types of mobile phones, during our test, after the mobile phones appear connection successful, the unit still appear waiting for pairing. At this time you must find the unit's Bluetooth module name on the pairing list on your mobile phone and select connecting in the submenu, then the unit will appear CONNECT. Otherwise, there is no voice coming out when communicating, though the mobile phone has already displayed CONNECT. Some mobile phones, when it play back A2DP, you must find the unit name in the phone's menu and reconnect (check your mobile phone whether has the A2DP & AVRCP functions).
2. When pairing, some types of mobile phone hint that how to operate, for example, when you make a phone call by the unit, if the mobile phone voice dosn't be transferred to the unit, no voice comes out.
3. Depending on the mobile phone, if private mode is selected, when you make a phone call by the unit, or receive, the voice would be transferred to the mobile phone. But sometime the Bluetooth maybe disconnect till the communication ends, then connects your mobile phone to the unit automtically. Some mobile phones maybe need pair again.
4. For mobile phone, the Bluetooth device name must be primary symbols or numbers. Otherwise, some unpredictable issues may occur during the Bluetooth devices connecting and making phone call.
5. After CONNECT, if no sound produced, please check whether the Bluetooth stereo audio on the phone switched ON.

Press and hold the [VOLUME] knob more than 2 seconds to enter menu mode, then each press changes the mode as follows:

DSP mode

Rotate the knob to choose DSP sound effect: POP -> ROCK -> CLASSIC -> FLAT -> DSP

BEEP ON/OFF mode

Rotate the knob to choose button beep sound on or off.

SEEK 1/2 mode (Radio mode)

Rotate the knob to choose radio seek mode 1 or 2.
SEEK 1: Searching station will stop when the next station is received.
SEEK 2: Searching station will stop when |<< or >>| button is released and next station is received.

VOL mode

Rotate the knob to choose volume last/adjust mode.
V-LAST: The turn-on volume level is the volume of latest power off.
V-ADJ: Press the knob to enter Volume Adjust mode, rotate the knob to set the turn-on volume level.

12/24 HOURS mode

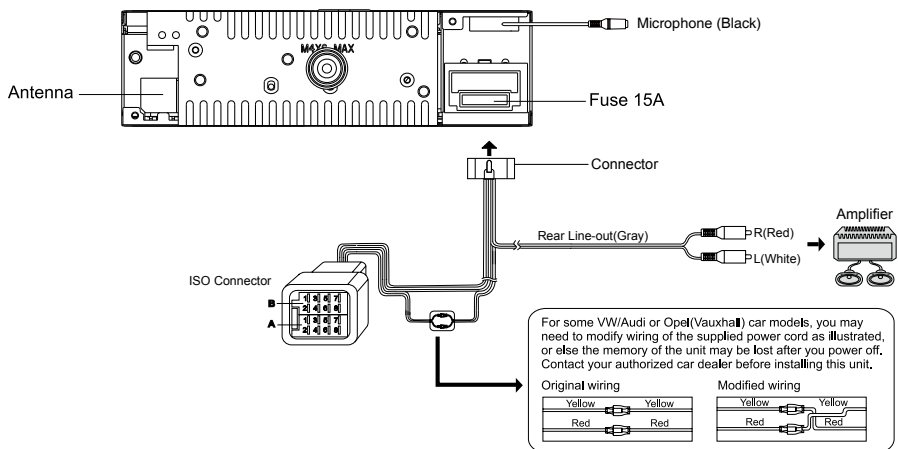Rotate the knob to choose time format: 12HOURS or 24 HOURS.

AUTO ON/OFF

Rotate the knob to choose Auto Connect on or off.
After Paired OK, if the distance is over 10 metres or power off, the connection will exit.
If Auto Connect On, the unit will try to establish a connection with the registered mobile phone when power on.

Device Connections

Wiring Diagram

Microphone (Black)

Antenna

Fuse 15A

Connector

Rear Line-out(Gray) — R(Red)
— L(White)

Amplifier

ISO Connector

For some VW/Audi or Opel(Vauxhall) car models, you may need to modify wiring of the supplied power cord as illustrated, or else the memory of the unit may be lost after you power off. Contact your authorized car dealer before installing this unit.

Original wiring
Yellow — Yellow
Red — Red

Modified wiring
Yellow — Yellow
Red — Red

Location	Function	
	Connector A	**Connector B**
1		Rear Right (+) / Purple
2		Rear Right (-) / Purple with Black Stripe
3		Front Right (+) / Gray
4	Battery 12V(+) / Yellow	Front Right (-) / Gray with Black Stripe
5	ANT/AMP control / Blue with white stripe	Front Left(+) / White
6		Front Left(-) / White with Black Stripe
7	ACC+ / Red	Rear Left (+) / Green
8	Ground / Black	Rear Left (-) / Green with Black Stripe

Notes of connection

- To avoid short circuit in the electrical system, ensure that the negative battery cable is disconnected before installation.
- To prevent short circuit in the wiring and damaging to this unit, secure all wirings with cable clamp or adhesive tape. Route the wirings in a secured, out of heating place without touching any moving parts such as gear shift, handbrake, and seat rails to prevent the wiring insulation being melted / wore off.
- Never pass the yellow power cord through the installation hole into the engine compartment and connect to the car battery. Otherwise, a high possibility of serious short circuit to the electrical system may be occurred.
- Replacing a new fuse with 15A rating when the old one is broken, using no fuse or fuse with improper rating may cause damage to this unit or even fires. If a proper fuse is installed and electrical problems still occur, please contact with any professional car shops for inquiry.
- DO NOT connect other equipments with the car battery to avoid battery overheating.
- Please make sure all the wiring connections & the cables of the Speakers are well-insulated. Otherwise, this unit may be damaged by short circuit.
- If there is no ACC available, please connect ACC lead to the power supply with a switch.
- If an external power amplifier is connected, please don't connect P.CONT lead to the power lead of the external power amplifier, otherwise, electric spark or other damage may be resulted.
- Never ground the speaker output to prevent the damage to the built-in power amplifier.

Preparation

1. Disconnect battery

Before you begin, always disconnect the battery negative terminal.

✎ Note:

If the unit is to be installed in a car equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution during installation to avoid causing a short circuit.

2. Remove unit from sleeve

Lift latches on both sides of sleeve to remove half-sleeve from the unit.

Mounting Sleeve Installation

1. Slide the mounting sleeve off the chassis. If it is locked into position, use the removal tools (supplied) to disengage it.
2. Check the dashboard opening size by sliding the mounting sleeve into it.

52mm

183mm
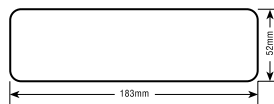
If the opening is too small, carefully cut or file as necessary until the sleeve easily slides into the opening. Do not force the sleeve into the opening or cause it to bend or bow. Check for sufficient space behind the dashboard for the unit chassis.

This unit can be installed in any dashboard with a suitable 183 mm (W) x 52 mm (H) opening as shown above. The dashboard should be 4.75 mm - 5.56 mm thick in order to be able to support the unit.
3. Locate the series of bend tabs along the top, bottom, and sides of the mounting sleeve. With the sleeve fully inserted into the dashboard opening, bend as many of the tabs outward as necessary to firmly secure the sleeve to the dashboard.

4. Place the unit in front of the dashboard opening so the wiring can be brought through the mounting sleeve. Follow the wiring diagram carefully and make certain all connections are secure and insulated with wire nuts or electrical tape. After completing the wiring connections, turn the unit on to confirm operation (vehicle ignition must be on). If the unit does not operate, re-check all wiring until the problem is corrected.

5. Make sure the radio is right-side up, then carefully slide the radio into the mounting sleeve until it is fully seated and the spring clips lock it into place.

6. Secure the rear of the unit to the car body using the mounting bolt and rubber cushion.

7. Attach the outer trim frame and the front panel.

8. Test the unit using the "Operation" instructions that follow.

Kit Installation

If your vehicle requires the use of an installation kit to mount this unit, follow the instructions included with the installation kit to attach the unit to the mounting plate supplied with the kit.

1. Wire and test the unit as outlined in the Mounting Sleeve Installation instructions.

2. Install the radio/mounting plate assembly to the sub-dashboard according to the instructions in the installation kit.

3. Replace the dashboard trim panel.

ISO Installation

This unit has threaded holes in the chassis side panels which may be used with the original factory mounting brackets of some vehicles to mount the radio to the dashboard. Please consult with your local car stereo shop for assistance on this type of installation.

1. Remove the existing factory radio from the dashboard or center console mounting. Save all hardware and brackets as they will be used to mount the new radio.

2. Carefully unsnap the plastic frame from the front of the new unit chassis. Remove and discard the frame.

3. Remove the factory mounting brackets and hardware from the existing unit and attach them to the new unit. Please use the attached screws. Unsuitable screws may damage components inside the chassis.

4. Wire the new unit as outlined in the Mounting Sleeve Installation instructions.

5. Mount the new unit assembly to the dashboard or center console using the reverse procedure of step 1.

6. Attach the outer trim frame and front panel.

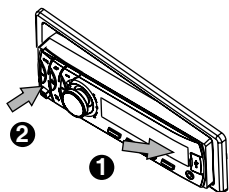Mounting sleeve

Main unit

Trim plate
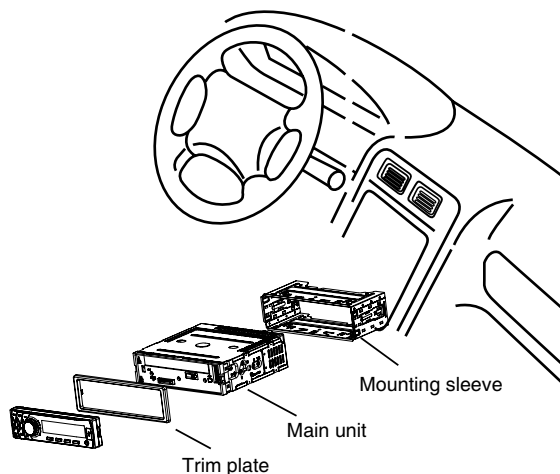
Fuse

When replacing a fuse, make sure the new fuse is the correct type and amperage. Using an incorrect fuse could damage the radio.

Reconnect Battery

When wiring is complete, reconnect the battery negative terminal.
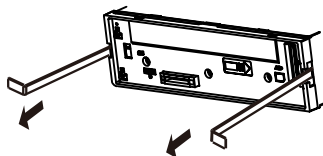
Install the Panel

1. Hold the panel with the front side facing to you. Insert the right side into the chassis.
2. Push the left side until it clicks.

Remove the Panel

1. Press the [OPEN] button to release the panel.
2. Hold the side popped out and pull it out.
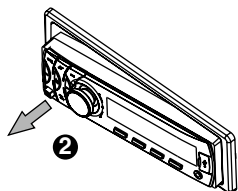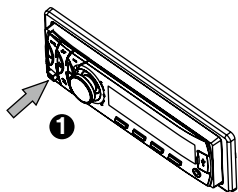

Removing the Unit

1. Remove the front panel.
2. Remove the trim plate.
3. Insert the removal keys straight back until they lock.
4. Pull the unit out.
   If the removal keys are inserted at an angle, they will not lock properly and will not release the unit.

Troubleshooting

If you suspect something is wrong, immediately switch power off. Immediately stop using it and call the store where you purchased it. Never try to repair the unit yourself because it is dangerous to do so.

Problem	Possible cause	Solution
General		
The unit will not switch on.	Car ignition is not on. Cable is not properly connected. Fuse is burnt.	Turn your car key in the ignition. Check cable connection. Replace fuse with a new fuse of the same capacity.
No sound	Volume is set at minimum or the mute function is on.	Check the volume or switch the mute function off.
The unit or screen does not function normally.	The unit system is unstable.	Press the RESET button.
TUNER mode		
Unable to receive stations.	The antenna is not connected properly.	Connect the antenna properly.
Poor quality reception of radio station.	The antenna is not fully extended or it is broken.	Fully extend the antenna and if broken, replace it with a new one.
Preset stations are lost.	The battery cable is not properly connected.	Connect the permanent live on the unit to the permanent live on the vehicle.
USB/SD/MMC mode		
Unable to insert USB device or SD/MMC card.	The memory card or USB device has been inserted the wrong way round.	Insert it the other way around.
The USB device or SD/MMC card cannot be read.	NTFS format is not supported.	Check that the USB/SD/MMC file system is in FAT or FAT32 format. Due to different formats, some models of USB storage devices or MP3 players may not be read.

Specifications

General

Power supply:	12VDC (11V-16V), Test voltage 14.4V, negative ground
Maximum power output:	45W x 4 channels
Continuous power output:	20W x 4 channels (4Ω 10% T.H.D.)
Suitable speaker impedance:	4-8ohm
Pre-Amp output voltage:	2.0V (Play mode: 1KHz, 0dB, 10KΩ load)
Fuse:	15A
Dimensions (WxHxD):	188 x 58 x 98mm
Weight:	0.52kg
Aux-in level:	≥500mV

FM Stereo Radio

Frequency range:	87.5-108.0MHz (Europe)
Usable sensitivity:	8dBµ
Frequency response:	30Hz-15KHz
Stereo separation:	30dB(1KHz)
Image response ratio:	50dB
IF response ratio:	70dB
Signal/noise ratio:	>55dB

AM(MW) Radio

Frequency range	522-1620KHz
Usable sensitivity (S/N=20dB)	30dBµ

Components

The main unit	1
Front panel	1
Mounting sleeve	1
Machine screws M5x6 mm	4
Wire connector	1
Trim plate	1
Removal key	2
Operating Instructions	1
Mounting bolt	1
Rubber cushion	1

📝 Note:

Specifications and the design are subject to change without notice due to improvements.

PN: 127075003969