



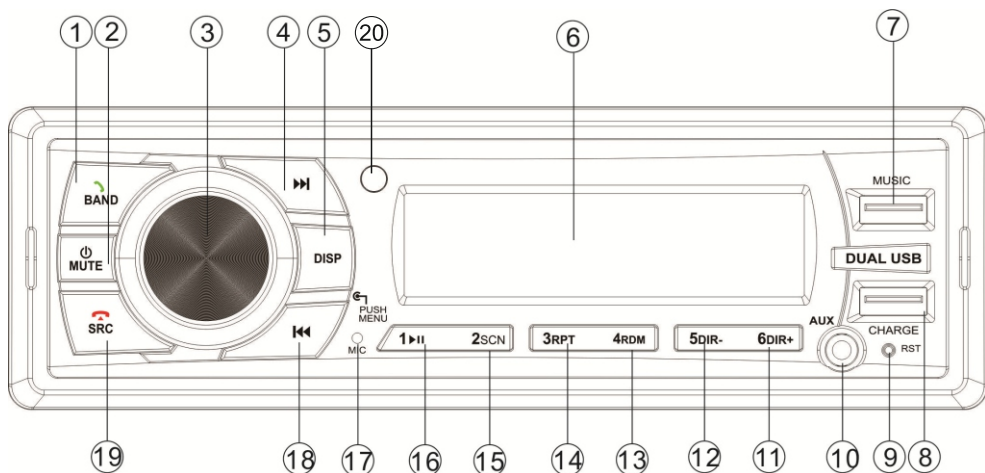
CAR RADIO **COLOMBO** 130 BT

USB | AUX-IN | BT | TUNER

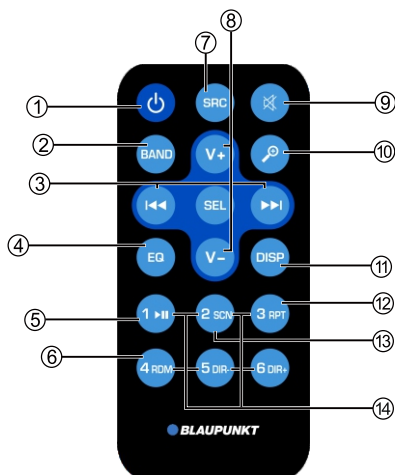


Enjoy it.

Operating instructions



- | | |
|-----------------------|------------------------|
| 1. BAND/Answer call ☎ | 11. 6/DIR+ |
| 2. ⏻Power/Mute | 12. 5/DIR- |
| 3. Push/Menu/Volume | 13. 4/RDM |
| 4. ⏭Fast Forward/Next | 14. 3/RPT |
| 5. Display | 15. 2/SCN |
| 6. LCD | 16. 1/ ⏮ |
| 7. USB (Music) | 17. Microphone |
| 8. USB (Charge) | 18. ⏮/Rewind/Previous |
| 9. Reset function | 19. SRC/Call Hand Up ☎ |
| 10. AUX-IN | 20. |

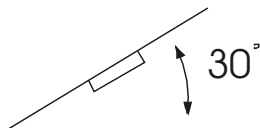


- ① Power on / Power off (long press)
- ② Band switch: Select FM1/FM2/FM3/MW1/MW2 band in RADIO mode & **[]** key in BT mode.
- ③ Radio tune
Track seek
- ④ EQ
- ⑤ Play / Pause
- ⑥ Random play
- ⑦ Toggle the audio source
- ⑧ Volume up / down

- ⑨ Mute volume
- ⑩ Search function
- ⑪ Display switch
Press to enter menu mode. (long press)
- ⑫ Repeat play
- ⑬ Scan play / Preset scan
Auto memory store (long press)
- ⑭ Buttons
 - [1]** Button: Preset station 1.
 - [2]** Button: Preset station 2.
 - [3]** Button: Preset station 3.
 - [4]** Button: Preset station 4.
 - [5]** Button: Preset station 5.
 - [6]** Button: Preset station 6.

Notes:

- Choose a mounting location where the unit will not interfere with the normal driving functions.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunction.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications in the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- If installation angle exceeds 30° from horizontal, the unit might not function optimally.



- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

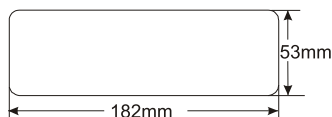
DIN Front/Rear-Mount

This unit can be properly installed either from "Front" (conventional DIN Front-mount) or "Rear" (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

DIN Front- Mount (Method A)

Installation Opening

This unit can be installed in any dashboard having an opening as shown below:

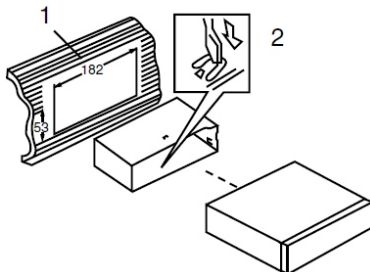


Installing the unit

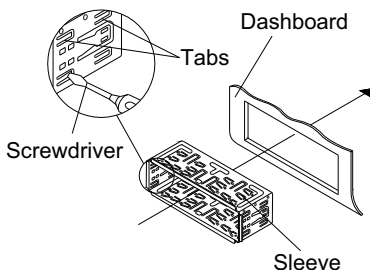
Be sure you test all connections first, and then follow these steps to install the unit.

1. Make sure the ignition is turned off, and then disconnect the cable from the -ve terminal of the vehicle's battery.
2. Disconnect the wire harness and the antenna.

3. Lift the top of the outer trim ring then pull it out to remove it.

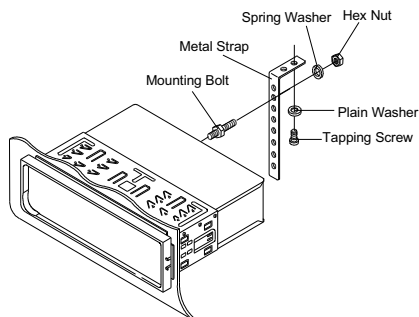


4. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screwdriver. Not all tabs will be able to make contact, so examine which ones will be most effective. Bend open the appropriate tabs behind the dashboard to secure the sleeve in place.



5. Reconnect the wire harness and the antenna and be careful not to pinch any wires or cables.
6. Slide the unit into the sleeve until it locks into place.
7. To further secure the unit, use the supplied metal strap to secure the back of the unit in place. Use the supplied hardware (Hex Nut (MSmm) and Spring Washer) to attach one end of the strap to the mounting bolt on the back of the unit. If necessary, bend the metal strap to fit your vehicles mounting area. Then use the supplied hardware (Tapping Screw (5x25mm) and Plain Washer) to attach the other end of metal strap to a solid metal part of the vehicle under the dashboard. This strap also helps ensure proper electrical grounding of the unit. (Not applicable)

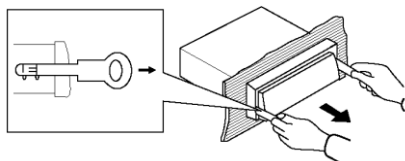
Note: To install the short thread terminal of the mounting bolt to the back of the unit and the other long thread terminal to the dashboard. (Not applicable)



8. Reconnect the cable to the vehicle battery's negative (-) terminal. Install the outer trim ring and the unit's front panel (see the steps for "installing the front panel").

Removing the unit

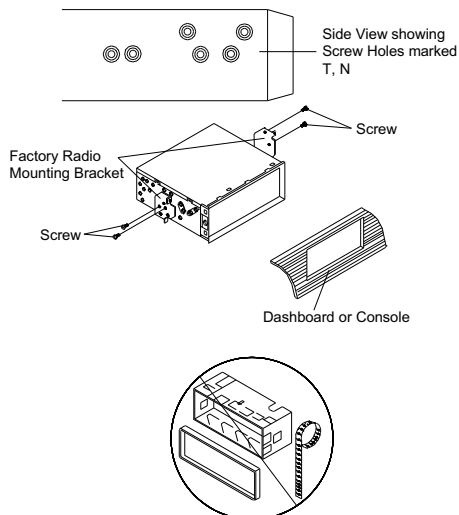
1. Make sure the ignition is turned off, then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).
3. Press the release button to remove the front panel.
4. Lift the top of the outer trim ring then pull it out to remove it.
5. Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard (Not applicable for all models).



DIN Rear-mount (Method B)

If your vehicle is a Nissan, Toyota, follow these mounting instructions.

Use the screw holes marked T (Toyota), N (Nissan) located on both sides of the unit to fasten the unit to the factory radio mounting brackets supplied with your vehicle.



Align the screw holes on the bracket with the screw holes on the unit, and then tighten the screws (5x5mm) on each side.

Note: The outer trim ring, sleeve and the metal strap are not used for Method B installation (Not applicable for all models).

Turn On/Off the Unit

Turn on the unit by pressing **⏻** button (2). Press and hold **⏻** button(2) for 2 seconds to turn off the unit.

MUTE

Short press MUTE button (2) to mute audio output. Press it again to resume output.

SOUND ADJUSTMENT

Short press round button (3) to select the desired adjustment mode. The adjustment mode will change in the following order:

BASS-TRE-BAL-FAD-EQ-LOUD

TRE: Treble

BAL: Balance

FAD: Fader

ED: Equalizer: Short press (3) to select from the preset EQ options as below:

FLAT-CLASSICAL-POP-ROCK-EQ OFF

Rotate the volume knob (3) to adjust the desired sound quality or setting.

Press and hold **MENU** button (3) for 2 seconds to access the RDS menu as below:

AF-TA-REG-LOUD-BEEP-LOC/DX-STEREO/MONO-CLOCK-PRESETTURN ONVOL-CT

AF: Alternate Frequency

TA: Traffic Announcement

REG on/off

When OF Function is on under SEL menu you can switch on/off region mode. Some broadcasting stations change their program from normal broadcasting to regional broadcasting for a certain period of time. When REG is on, the current listening program remains unchanged.

Loud: Press and hold the Menu EQ button (3) for 2 seconds to access LOUD function. Rotate the vol. dial to turn ON/OFF LOUD function. Press and hold it again to cancel this function.

Beep on/off:

This device is equipped with 2 beep tones. Rotate the volume knob to choose either.

- **Beep on:** Confirmation beep sound is heard when a button is pressed
- **Beep off:** Confirmation beep is switched off whenever a key is pressed.

LOC/DX:

Rotate the volume knob (3) to turn on/off local function. In LOC mode the unit will reduce the sensitivity of the tuner while searching for a station.

This means that stations with strong signals only are stored in memory. Switching to DX mode will increase the sensitivity of the tuner.

Stereo/Mono

Rotate the volume knob (3) to choose between STEREO or MONO options. While in STEREO mode the radio receives FM signal in stereo. On some occasions switching to mono mode eliminates static and other interference that appear while tuned and locked on to a weak signal.

Clock

Under the CLOCK settings option of the menu button (3) user can select between 12-24HOUR formats.

Pre-set Turn On Volume

This option allows user to pre-set a volume level upon turn on.

CT (Independent / Synchronized)

CT Independent: The clock works independently. It doesn't be synchronized to the station's time.

CT Synchronized: When received a RDS station. The clock will be synchronized to the station's time.

Note: When manually setting the time. The CT item will be back to independent mode automatically.

Display Information

Press DISP button (5) to show the clock for 5 seconds.

Setting the Time

1. Manual setting:

Press and hold **DISP** button for 2 seconds. The hour section of the clock will flash. Press **⏮** / **⏭** button (or rotate the volume knob) to set the hour. Short press **DISP** button to change to set minutes. Also use **⏮** / **⏭** button (or rotate the volume knob) to set the correct minute. Press the button to confirm.

2. Synchronize time from the RDS station:

When RDS is turned on and the tuner receives a good strong signal, (AF symbol on the display remains steady) the Radio will synchronize its in built clock with the information received from the Radio station. (In India most radio stations do not set the correct time in their broadcast equipment, hence it's recommended to keep this option in OFF mode).

Auxiliary Input

The unit can be connected to a portable audio player through the **AUXIN** port (10).

Press **SRC** button (19) to switch to **AUXIN** mode.

Reset Function

The **RESET** button (9) must be activated with either a

ballpoint pen or thin metal object when necessary.

The **RESET** button is to be activated only for the following reasons:

- Initial installation of the unit when all wiring is completed.
- Any function buttons do not operate
- Error symbol on the display.

Note: If the Radio does not work despite pressing the **RESET** button(9), please use a cotton swab soaked in isopropyl alcohol to clean the socket on the front panel. Once the **RESET** button is pressed, all stored memory will be erased & the Radio returns to Factory default settings mode.

Radio Operation

• Switching To Radio Mode

Press SRC button (2) to select radio mode, the radio mode appears in the display together with the memory band & frequency.

• Selecting a Radio Band

While in Radio mode, press the **BAND** button (1) to select the desired band from the following options: FM1-FM2-FM3-MW1(AM1)-MW2(AM2).

• Selecting Station

Short Press **►►** button (4) or **◄◄** button (18) to activate the Auto seek function. Long press the **►►** button (4) or **◄◄** button (18) for 2 or more seconds until the word "**MANUAL**" appears on the display. Under manual tuning mode user can manually scan up/down. If both buttons have not been pressed for 5 seconds, it will return to seek tuning mode and "**AUTO**" appears on the display.

• Station Storing

Once the tuner locks on to a station, press one of the preset button (1-6) for 2 seconds to store that particular station at that location. Shortly press the preset button (1-6) to recall the station stored at that location.

RDS (Radio Data System) Operation

Setting RDS mode

In the RDS menu, rotate the volume dial to switch the **AF** option ON/OFF (AF-Alternative Frequency).

When this option is turned on, the **AF** symbol is displayed on the front display. Also, the name of the broadcasting station is displayed while locked on to a RDS station.

Should there be an Emergency Broadcast the word "**ALARM**" is displayed on the front display and the volume level will be adjusted to the preset output level automatically.

Traffic Announcement

While scrolling through the RDS menu options of the radio, the **TA** function can be switched ON/OFF by rotating the volume dial. If turned ON, the radio is equipped to receive traffic announcement.

While the unit is In USB or AUX-IN mode, it will temporarily switch to the tuner mode. when there's a Traffic Announcement.

PS: Program Service Name

Broadcast station name data expressed in alphanumeric characters.

AF: Alternate Frequencies

Frequency list of broadcasting stations transmitting the same program.

TA: Traffic Announcement Identification

Identification data showing traffic information is being transmitted or not.

USB

This device is equipped with 2 USB (type A) ports on the front panel (7&8). USB port (7) is for media playback. USB port (8) is for charging devices only (No media playback is possible from this port)

Once a USB device is connected to this port (7), the unit searches for Mp3/WMA files and begins playback.

To familiarize yourself with these functions of the USB port please refer to the following instructions.

• Selecting File

Press **►►** button (4) to select the next file or **◄◄** button (18) to select a previous file. File numbers are displayed on the front panel.

• Pause Play Back

Press button(16) to pause playback. Press again to resume playback.

• Scan Play All Files

Press SCN button (15) to preview the track lined up for playback. Press it again to stop preview function and listen to a file.

• Repeating the same Track/file

There are 3 options to repeat playback of a file: Repeat Folder- Repeat One- Repeat All. Repeat All is the default mode set in the radio when shipped from the factory.

• Playing All Files In Random

Press RDM button (13) to playback in a random (shuffle) order. Press it again to cancel this function.

• Select Directory Up/down

Press **DIR-** button (12) or **DIR+** button (11) to select previous or next directory. If the storage device / CD does not contain any directory, pressing **DIR-** button (12) or **DIR+** button (11) has no effect.

Note:

- All USB/Mp3 players are not same. Different manufactures use different standard and operating systems. This unit is compatible with most but there could be the possibility that some devices are not compatible with the unit.
- USB Mp3 player is not a standard which means different brand name or different models have their own standard. So our product cannot support every MP3 player.
- Should the user decide to connect a Mp3 player with a built in battery to the USB port of this unit, it is recommended to remove this non rechargeable battery pack before connecting.

Supported Mp3/WMA files formats

The unit supports the following Mp3/WMA file formats

Standard	Bit Rate (kbps)	Supports Mode
MPEG1 Audio Layer 3 (44.1 kHz)	32, 48, 64, 96, 128, 192, 256, 320	Stereo
Windows Media Audio (44.1 kHz)	64, 96, 128, 192	Stereo

The USB port can support:

- 1. 500 Folder (max)
- 2. 999 files (max)
- 3. 8 layers
- 4. 32GB (max)

CAUTION

Please ensure that the storage device (USD) do not contain important data files. Should any of these files get corrupted during playback, we do not assumed any responsibility for the loss of this important data.

BLUETOOTH (BT) OPERATION



• **Pre-pair**

- (I) Please ensure that the device you intend to pair with this unit supports BT function
- (II) Not all phones have the same signal strength while in BT mode. It is recommended to keep the BT device, within 3M of this radio for best result. Please remove any metal object between the unit and the BT device

• **Pairing**

Please access the BT pausing mode in the device you intend to pair with this unit "BP 130" should appear in the list of devices that are visible and ready to pair with your BT device/phone. Please select "BP 130" and proceed to input the password 0000, when prompted. Upon completion this pairing exercise, the BT symbol should be displayed on the front display panel.




• **Answering /rejecting an incoming call**

When there is an incoming call, Press  key to answer the call and  to reject the call


• **Hang up a call**

When finished, press  to hang up.


• **Outgoing call**

Press **SRC** button (19) to switch to the "BT" mode. This should blank out the front panel & allow user to enter a phone number using the 1-6 numeric keys, **DISP** button (5), **EQ** button(3),  button(18),  button(9), press and hold (1) key for 2 seconds: * & press and hold (20) key for 2 seconds: #. Once the number is entered press  button to confirm.



• **Redialing the last outgoing call**

While in BT mode, press and hold  button for 2 seconds to redial last called number.

• **Transfer a call between mobile phone & unit**

During a call, press  button to transfer the call between the phone and the unit.

• **Audio Streaming (A2DP)**

While in BT mode, user can playback music on a paired device via this units internal amplifier. All other functions like pause/play  button (4) or  button (18) are same as USB playback.

GENERAL

Power Supply Requirements:	DC 12 Volts, Negative Ground
Chassis Dimensions:	178(W) x 97(D) x 50(H)
Maximum Output Power:	4x40 watts
Current Drain:	10 Amperes (max.)

RADIO

FM

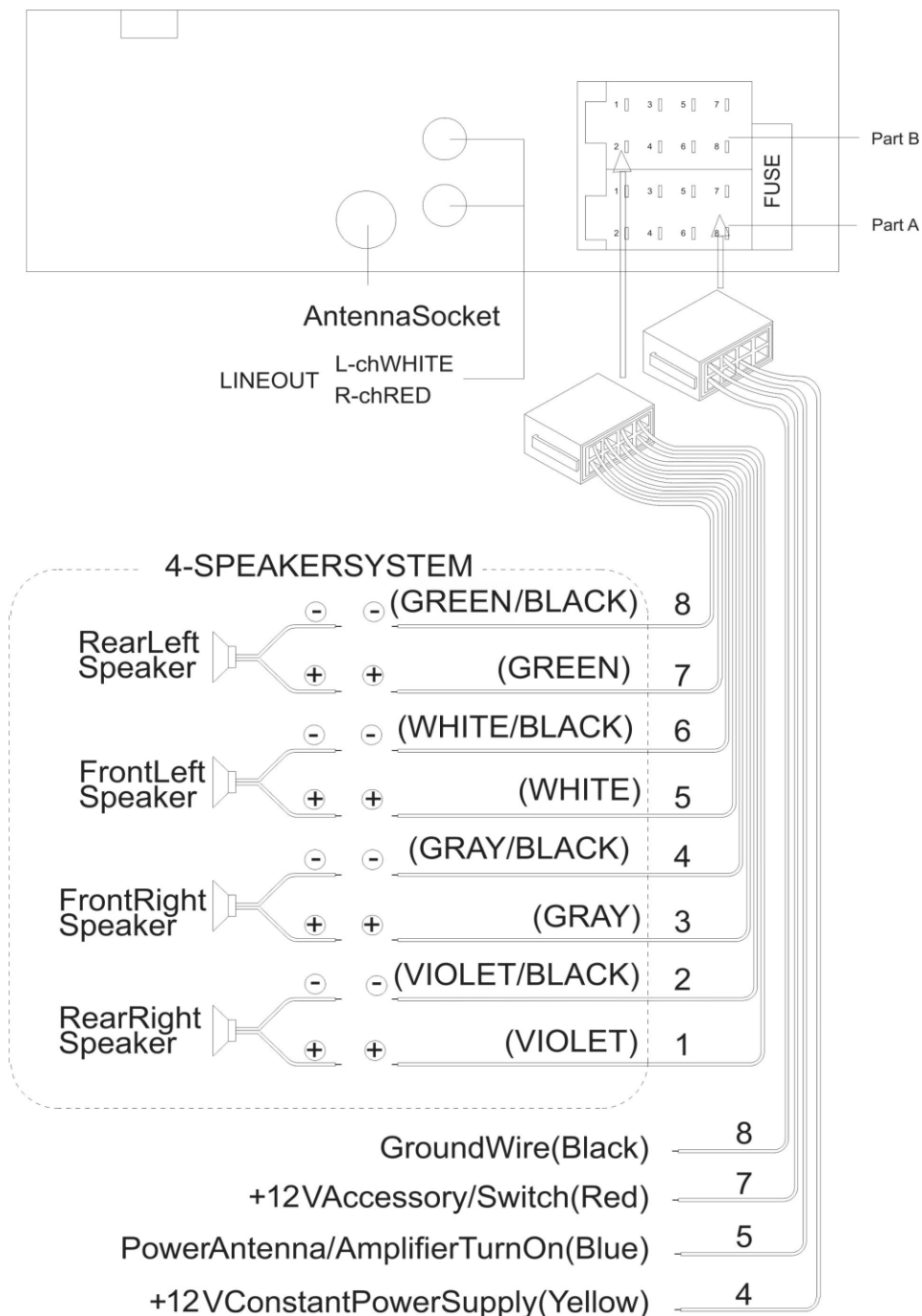
Frequency Coverage:	87.5 to 108 MHz.
IF:	10.7 MHz
Sensitivity (S/N=30dB):	4μV
Stereo Separation:	>25Db

MW

Frequency Coverage:	522 to 1620 kHz
IF:	450 kHz
Sensitivity (S/N=20dB):	36 dBuV

Key Functions

KEYS	ACTION	RADIO	USB	AUX IN	BT MUSIC
PWR /MUT	Short	Power on/Mute on/off	Mute on/off	Mute on/off	Mute on/off / Dial:7
	Long	Power off	Power off	Power off	Power off
SRC 	Short	Source change / Hang up	Source change / Search:7 / Hang up	Source change / Hang up	Source change / Dial:Del/Hang up
	Long	BT off/link	BT off/link	BT off/link	BT off/link
BAND 	Short	Band change	File search/ Search:Del	/	Answer/Dial
	Long	Auto Store	Back to 1'st song of all songs	/	Re-dial/Trans
DISP	Short	Info/Clock	Info/Clock / Search:0	Info/Clock	Info/Clock / Dial:0
	Long	Clock setting	Clock setting	Clock setting	Clock setting
<<	Short	Seek down	Previous file / Search:8	/	Previous file / Dial:8
	Long	Manual Tune down	FR	/	/
>>	Short	Seek up	Next file / Search:9	/	Next file / Dial:9
	Long	Manual Tune up	FF	/	/
VOL	Rotary	Volume up/down	Volume up/down	Volume up/down	Volume up/down
MENU (push VOL)	Short	BAS/TRE/BAL/FAD/EQ /LOUD	BAS/TRE/BAL/FAD/EQ /LOUD	BAS/TRE/BAL/FAD/EQ /LOUD	BAS/TRE/BAL/FAD/EQ /LOUD
	Long	AF/TA/PTY/REG/CT(IN DEP/SYNC)/BEEP/ CLOCK(12/24)/P_VOL/ DX/ST	AF/TA/CT(INDEP/SY NC)/BEEP/ CLOCK (12/24)/P_VOL	AF/TA/CT(INDEP/SY NC)/BEEP/ CLOCK (12/24)/P_VOL	AF/TA/CT(INDEP/SY NC)/BEEP/ CLOCK (12/24)/P_VOL
1 / >	Short	Recall M1 station	Pause/Play / Search:1	/	Pause/Play / Dial:1
	Long	Save station to M1	Back to 1'st song of all songs	software version	/
2/INT	Short	Recall M2 station	INT on/off/Search:2	/	BT menu / Dial:2
	Long	Save station to M2	/	/	/
3/RPT	Short	Recall M3 station	RPT on/off/Search:3	/	Dial:3
	Long	Save station to M3	/	/	/
4/RMD	Short	Recall M4 station	RDM on/off/Search:4	/	Dial:4
	Long	Save station to M4	/	/	Dial:+
5/DIR-	Short	Recall M5 station	DIR-/Search:5	/	Dial:5
	Long	Save station to M5	-10	/	Dial:*
6/DIR+	Short	Recall M6 station	DIR+/Search:6	/	Dial:6
	Long	Save station to M6	+10	/	Dial:#



Trouble Shooting

Before going through the checklist, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power.	The car ignition is not on.	If the power supply is connected to the car accessory circuits, but the engine is switched off turn the ignition key to "ACC".
	The fuse is blown.	Replace the fuse.
No sound.	Volume is at minimum.	Adjust volume to a desired level.
	Speaker wiring is not properly connected.	Check wiring connection.
The operation keys do not work.	The built-in microcomputer is not operating properly due to voltage variation.	Press the RESET button. Ensure front panel is locked firmly into its location.
The radio does not work. Automatic tuning selection does not work.	Antenna cable is not connected.	Insert the antenna cable firmly.
	Broadcast signals are too weak.	Select a station manually.

