



TD - 68

Car Radio Full User Manual



上海王力电子电器有限公司
Shanghai Ortek Electronics Co.,LTD.

地址：上海市嘉定区曹安公路 16 号桥南首（解放岛路 1 号）
Address: Bridge 16 southern, Cao'an Road, Jiading District, Shanghai, China

电话：021-3911 7568（总机） Tel: 86-21-3911 7568 (Hotline)
传真：021-3911 7569#8031 Fax: 86-21-3911 7569#8031
邮编：201812 Zip Code: 201812
Web: www.orteksh.com
E-Mail: mail@orteksh.com

Thanks for choosing our product TD-650. To ensure safety and good user experience, please read this user manual thoroughly before starting to use the product.

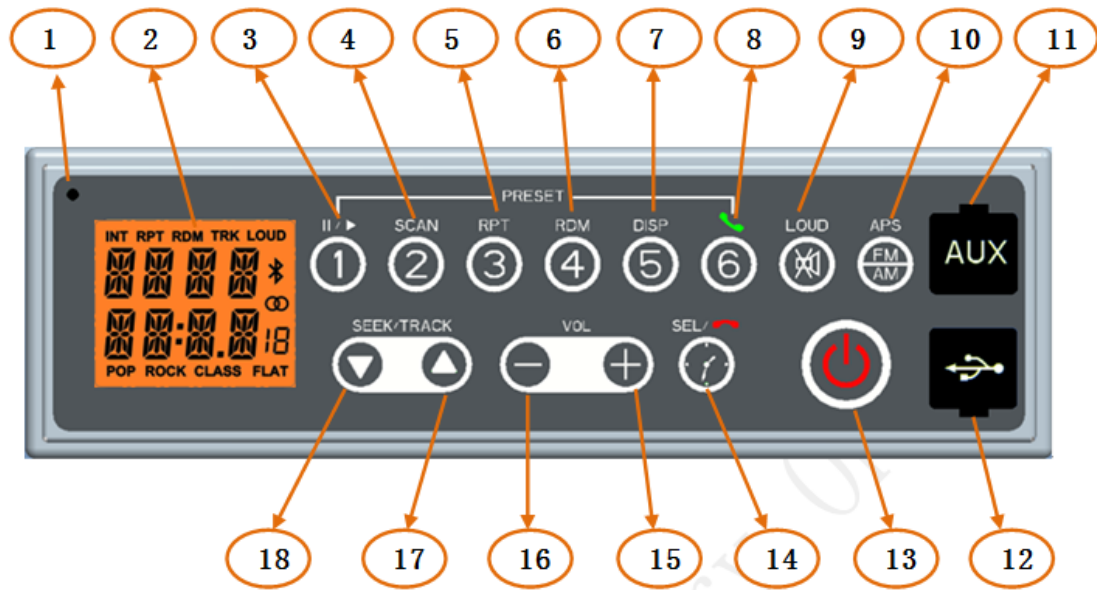
Important Note:

1. Please use the rated voltage stated on the product for power supply.
2. Please remain open circuit for BAT connection to avoid short circuit.
3. Please study the connection requirements carefully.
4. Please change a rated fuse if necessary.
5. Please do not knock down the product without professional guidance.
6. Please do not let metal or other things go into the inner part of the product to avoid unnecessary accident.
7. Please contact our aftersales service department by (86) 021-39117568 #8011.

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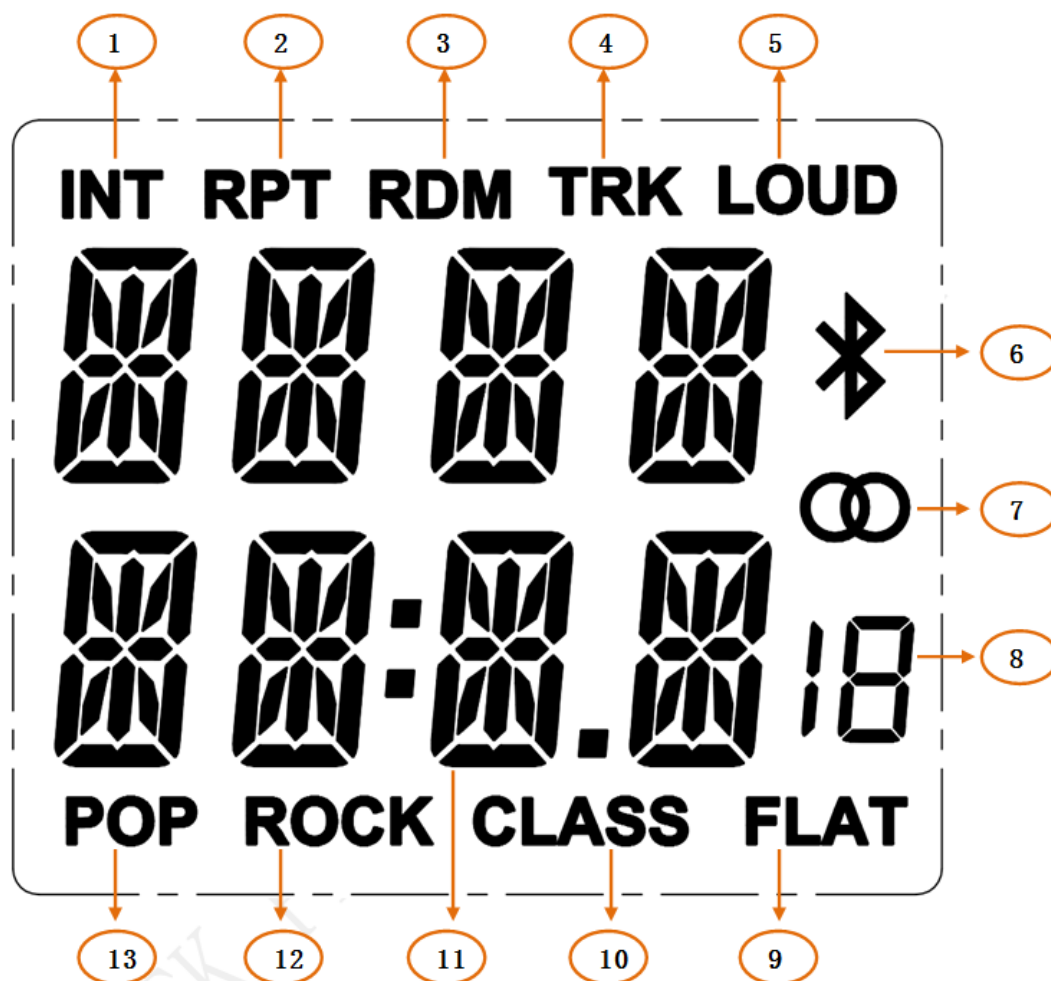
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Control Panel



- ① Microphone
- ② LCD Display
- ③ Preset station 1 / Play / Stop
- ④ Preset station 2 / Pre-play song (fast scan)
- ⑤ Preset station 3 / Repeat
- ⑥ Preset station 4 / Random
- ⑦ Preset station 5 / Information display
- ⑧ Preset station 6 / Call pick up
- ⑨ Mute / Loud
- ⑩ FM / AM selection / Auto-save band
- ⑪ AUXIN Port
- ⑫ USB Port
- ⑬ Power on / Mode selection
- ⑭ Clock / Menu / Call End / Call Refuse
- ⑮ Volume +
- ⑯ Volume -
- ⑰ Tune down / Next song
- ⑱ Tune up / Previous song

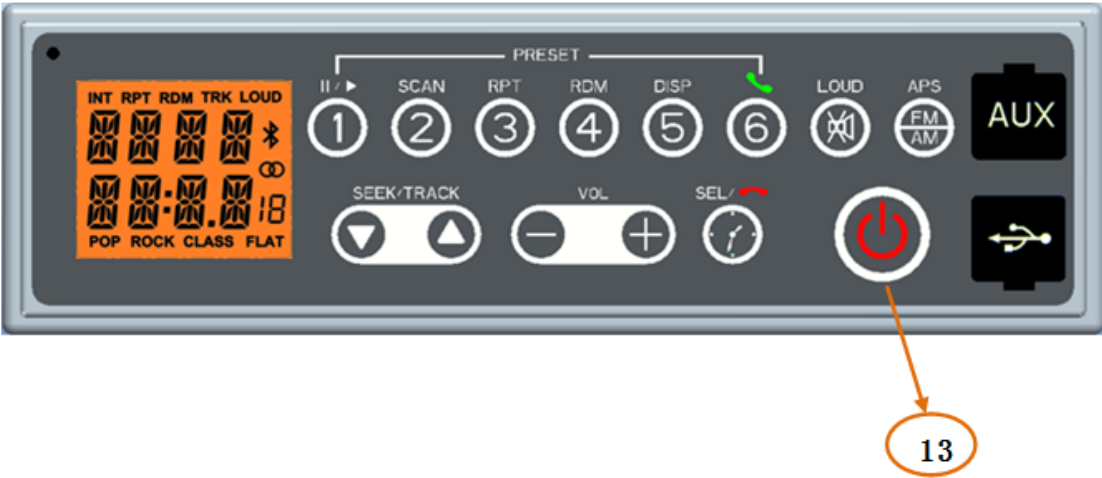
LCD Display



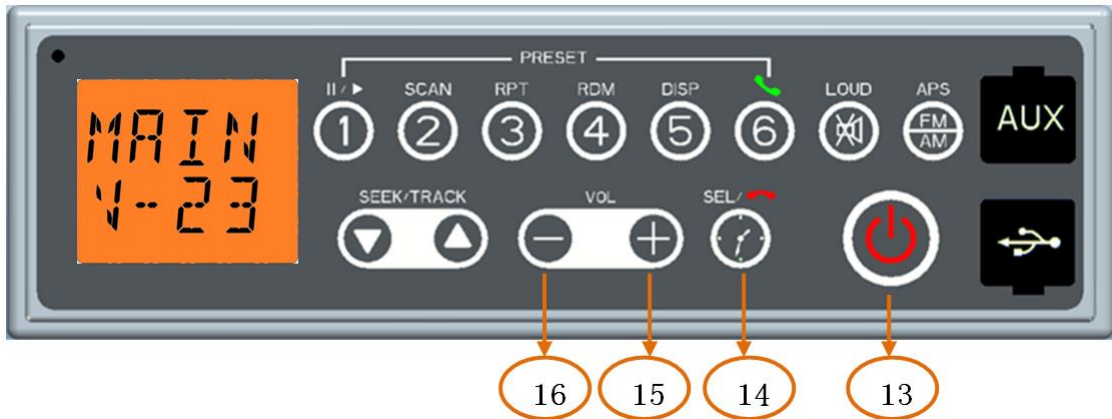
- ① Pre-play indication (fast scan)
- ② Repeat indication
- ③ Random indication
- ④ Track indication
- ⑤ Loud indication
- ⑥ Bluetooth indication
- ⑦ FM stereo sound indication
- ⑧ Preset station indication
- ⑨ FLAT effect indication
- ⑩ CLASS effect indication
- ⑪ Main display area
- ⑫ ROCK effect indication
- ⑬ POP effect indication

Power Up / Down

- 1. Press “” to turn on.
- 2. Press and hold “” to turn off.



Effect Adjustment

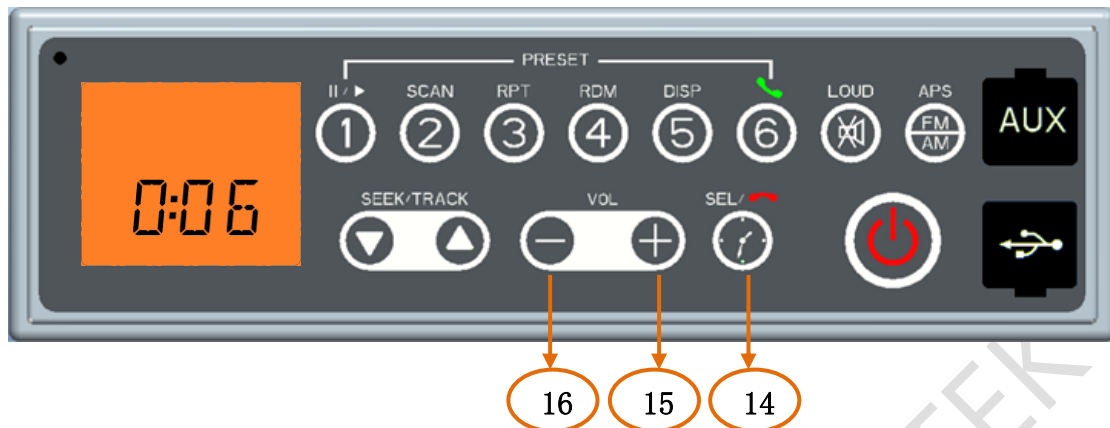


- 1. Press “” to turn on.
- 2. Press “” to select functions in between volume, TREB, BASS, BAL LxRx.
- 3. According to below table, adjust the functions you need.

Function		
Time	Hour/Minute/Format setting (see later part of this manual)	
MAIN-V	Volume lower	Volume higher
TREB	Treble lower	Treble higher
BASS	Bass lower	Bass higher
BAL LxRx	LxRx output lower	LxRx output higher

- 4. The setting will be completed without any further operations in few seconds.

Time Setting



Time digit setting method:

Step1 Enter Time setting mode

When the machine is turned on, press “” and the display will display time information. Press and hold “” for more than 2sec, hour-digit will flash, press “” or “” to adjust the hour-digit.

Step2 Set Minute-digit

On top of step 1, press “” and minute-digit will flash. Press “” or “” to adjust the minute digit correspondingly.

Time format setting method:

Under time digit setting mode, press and hold “” and the enter time format setting mode. Press “” to choose between 12-hour format and 24-hour format.

End of setting

The setting is completed if no operation within 5 secs.

Mute Function



1. Press " " and it will display "MUTE". Mute function is enabled.

Loud Function



1. Press and hold " " can enable LOUD function. When "LOUD" function is turned on, the display will have "LOUD" display, vice versa.

Volume Adjustment



1. Press “” or “” to adjust volume.

Mode Switching



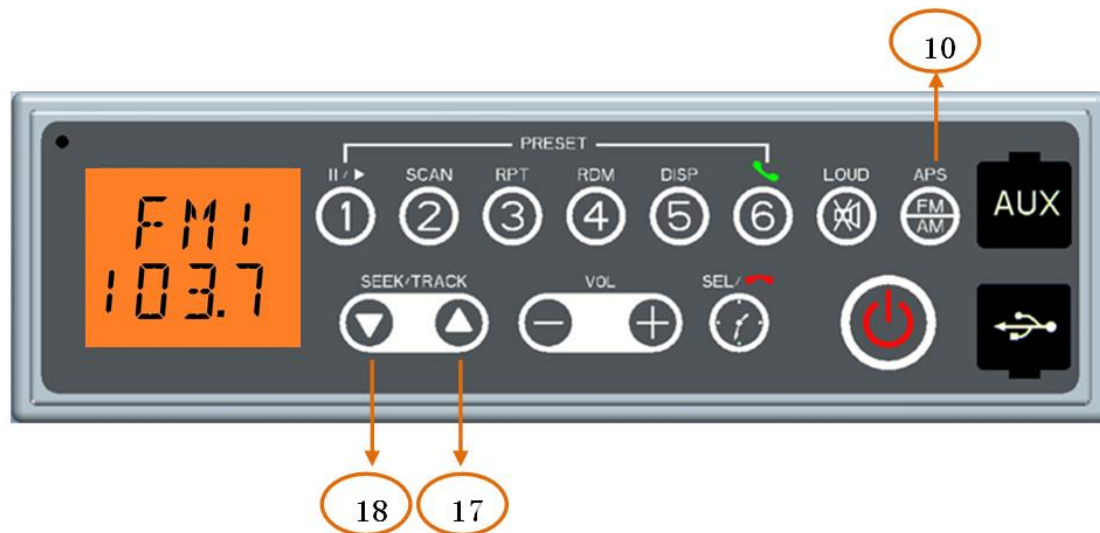
1. Press “” to turn on the machine.
2. Press again “” can switch repeatedly among difference modes. The sequence is as stated: RADIO mode, AUXIN mode, Bluetooth mode, USB mode.

Tune Operation

Frequencies of FM1, FM2, and FM3 are the same (E.g. for China range of FM frequency is 87.5 – 108.0MHz).

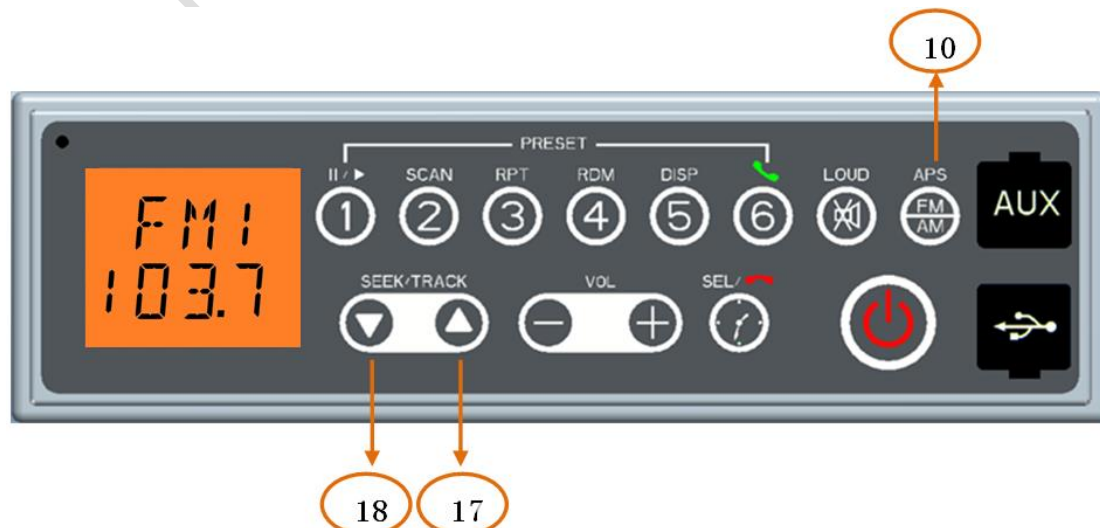
Frequencies of AM1 and AM2 are the same (E.g. for China range of AM frequency is 522 - 1620 KHz).

Auto Seek Function



1. Press “” to switch from FM1, FM2, FM3, AM1 or AM2.
2. Press “” or “” to seek radio stations by tuning up or down respectively. The seeking will be stopped when station is sought.
3. Press “” or “” during auto seek, seeking will be stopped by interruption.

Manual Seek Function



1. Press “” to switch from FM1, FM2, FM3, AM1 or AM2.
2. Press and hold “” or “” for 2 seconds to enter single step tuning. Each press then can increase or decrease the frequency by a designated step width (E.g. China step width: FM: 0.1MHz and AM: 9 KHz).
3. Press “” or “” each time to increase or decrease by a step width.
4. Go back to Auto Seek Function without operation in 5 secs.

Auto Preset Stations



1. Press “” to switch from FM1, FM2, FM3, AM1 or AM2.
2. Press and hold “” for 2 seconds to enable auto preset process. Preset stations will be stored starting from lower frequency to higher one. During the scanning process, each effective station will be played for 2 seconds and continue to scan.

Press “” again to interrupt and stop the auto preset process.

Every Preset station set can store 6 stations. Preset stations are based on stronger signal, higher priority to be stored.

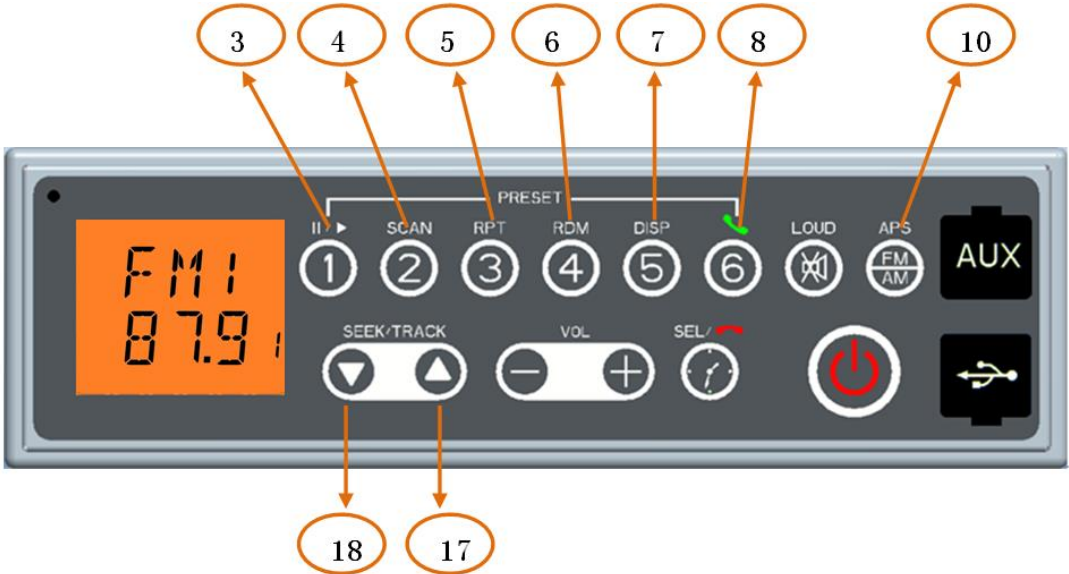
After Auto preset station setting, “Preset button 1” will show the corresponding radio station. (Below is reference)



If you reset again the preset stations, the previous preset stations maybe overwrite. (Below is for reference)



Manual Preset Stations



1. Press “” to switch from FM1, FM2, FM3, AM1 or AM2.
- or

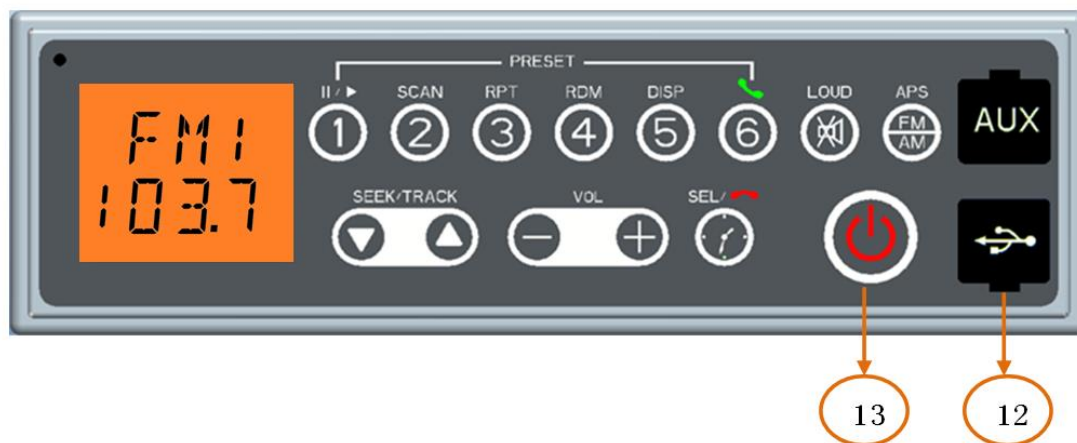
2. Press “” or “” to tune until the frequency needed to be stored.
3. Press any “” for 2 seconds to overwrite current frequency to preset station memory correspondingly.
4. Repeat the above procedures, FM1, FM2, FM3, AM1 and AM2 can stored at most 6 preset stations. If there is already a preset station previously, the new preset station will overwrite the previous one. (Below is for reference)

Multiple Region Frequency Selection

Operating Procedure	Area	FM/AM	Frequency Range	Step Width
During standby mode, press accordingly “” “” “” “” and any	1. China/ Europe	FM	87.5 - 108.0MHz	0.1MHz
		AM	522 - 1620KHz	9KHz
	2: Middle East	FM	87.5 - 108.0 MHz	0.1MHz
		AM	531 - 1602KHz	9KHz
	3: America	FM	87.5 - 107.9 MHz	0.2MHz

of "1 2 3 4 5" which represent the corresponding area to complete selection. The interruption time between two consecutive presses is 2 second		AM	530 - 1710KHz	9KHz
	4: Japan	FM	76 - 90 MHz	0.1MHz
		AM	522-1692KHz	9KHz
	5: Russia	FM	65 - 74 MHz	0.1MHz
		AM	522-1602KHz	9KHz

USB Play



1. Press "13" to turn on.
2. Insert USB device into USB Port.



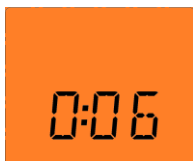
3. If there are MP3 format files, then after several seconds, display total number of MP3 files.



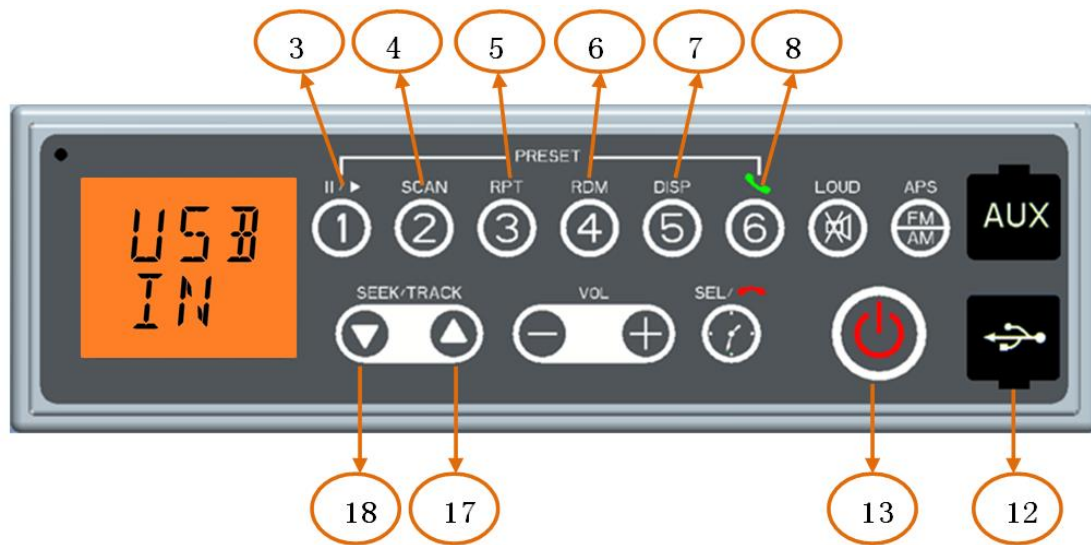
4. After several seconds, display the current file sequence.



5. After several seconds, display the current sound track time.



USB Mode Operation



Button	Function Descriptions under USB Mode
	Press to pause or start to play, press and hold to stop.
	Press to play next song, press and hold for fast forward.
	Press to play previous song, press and hold for fast backward.
	Press "SCAN" and LCD displays "INT". Starting from next song, each song will be played for 8 seconds and jump to next song until pressing "SCAN" again.
	Press "RPT" and LCD displays "RPT". The current song will be played repeatedly until pressing "RPT" again.
	Press "RDM" and LCD displays "RDM". The play list will become random and until pressing "RDM" again.
	Press "DISP" and switch display between current track number and played time.

Bluetooth Operation

When you turn on ACC, Bluetooth is ready for connection.



When you need to use the Bluetooth function, please enable the Bluetooth module of the phone device needed to be connected. Search and connect to our machine named: ORTEK TD68XXXXX. Connect successfully to start the below.

Bluetooth Connection

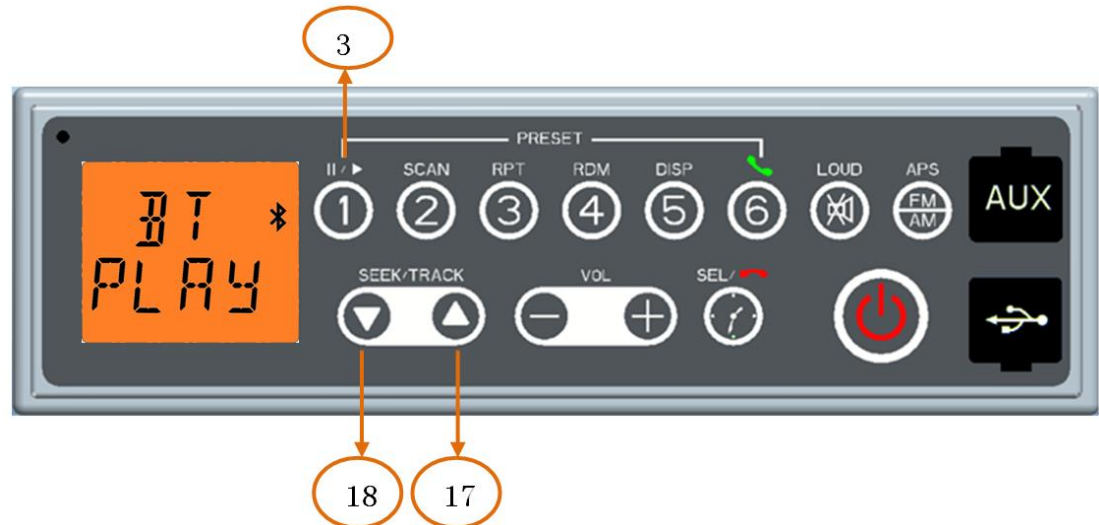
1. Turn on phone Bluetooth.
2. Search for new device. When the machine is detected by the phone, click "connect". When the connection is successful, LCD will display "BT" to represent effective connection.



3. After connection, press "BT" to switch the mode to BT PLAY

Different phone may lead to different operation procedure. The above illustration is for your reference only.

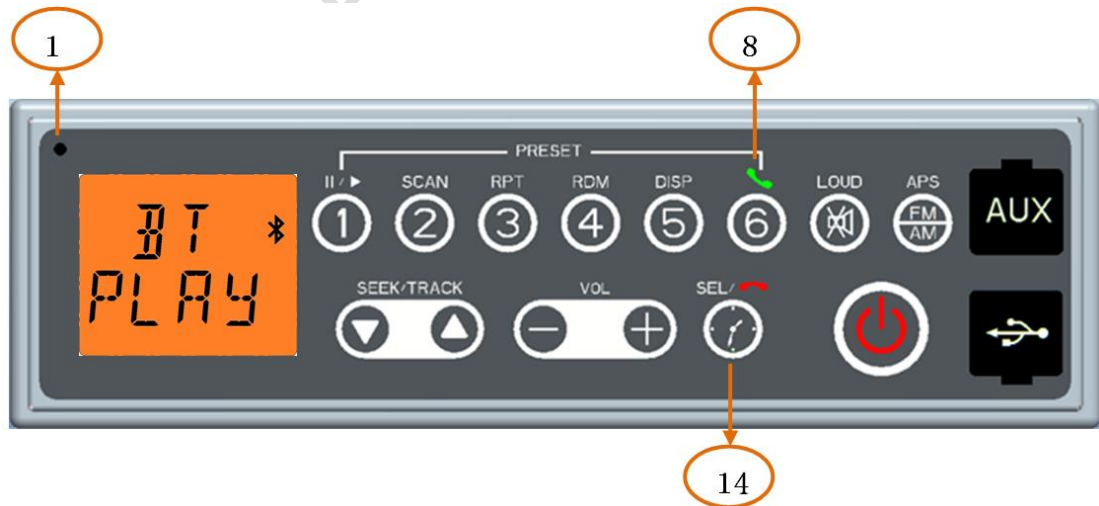
Bluetooth Music Player



Functions of corresponding buttons under Bluetooth Mode:

Button	Functions
	Press to Pause / Play the music. If the music is paused, then LCD displays "PAUSE". (Need phone support)
	Press to play the next song (Need phone support)
	Press to play the previous song (Need phone support)

Bluetooth phone function



Functions of corresponding buttons under Bluetooth Mode:

Button	Functions
	Press to refuse the call when ringing. Press to end the call when calling.
	Press to pick up the call when ringing. Press to end the call when calling.
	Microphone for voice input.

Phone number display

1. When a phone is calling in
2. The phone number is displayed on the LCD display



3. If the Phone number is hidden by the caller, the LCD will display "CALL"



Phone call volume



Press “” or “” to adjust phone call volume.

AUX IN



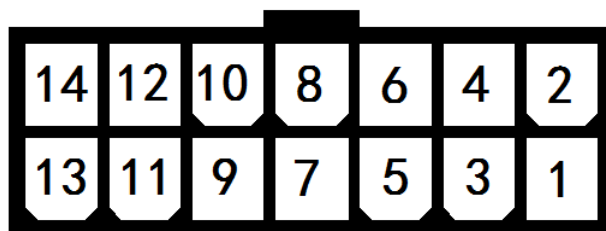
1. Press “” to switch to “AUX IN” mode.
2. Through 3.5mm AUX in cable, play external MP3 files in external device including MP3 device / Phone device.

Definitions



LCD Display	Definition
FM1+Digit	Radio FM1 (Each set can store 6 preset stations)
FM2+Digit	Radio FM2
FM3+Digit	Radio FM3
AM1+Digit	Radio AM1
AM2+Digit	Radio AM2
USB IN	USB Mode
MAX+Digit	USB device total MP3 files
CUR+Digit	USB device current MP3 file number
PASE	Pause
MUTE	Mute
MAIN-V+Digit	Volume
VOL+Digit	Volume, same as MAIN-V
TREB+Digit	Treble
BASS+Digit	Bass
BAL L+Digit/ R+Digit	Balance
LOUD ON	Loud On
LOUD OFF	Loud Off
BT PLAY	Bluetooth Mode
CALL	Call in display
AUX IN	Auxin Mode
12 HOUR	12-hour format
24 HOUR	24-hourar format

Connector and Pin Definitions (Reference)



Definition of each Pin for connector is shown as below:

Pin No.	Function	Pin No.	Function
1	Battery - (GND)	2	Battery + (BAT+)
3	Battery - (GND)	4	ACC
5	---	6	---
7	---	8	---
9	---	10	---
11	Right Speaker -	12	Right Speaker +
13	Left Speaker -	14	Left Speaker +

The above connector and Pin definition is for reference only. You have to check with your engineer or our aftersales service department for more information.

Maintenance

When you need to clean the panel, please do not use with alcohol, phenyl-related or any corrosive solvent or water. Instead you can use tissue paper or some soft towel for cleaning.

FAQ

FAQ	Possible reasons	How to deal with
No sound after turning on the machine	1. Volume to low 2. Speaker not connected	1. Volume Up 2. Check with the Speakers
No Power	1. ACC not turn on yet 2. Fuse broken	1. Turn on ACC 2. Change the fuse
Radio no signal	1. Antenna not connected 2. Bad signal in the region	1. Check with the Antenna 2. Try again at open area
Can do with auto seek	Bad signal in the region	Use manual seek instead
USB can't charge phone	This machine may not have USB charging functions	Check with your vendor and don't charge if not this function