

10.8V~16V DC

OWNER'S MANUAL



TRD312UB-WH

Safety Information

Thank you for purchasing this product, please read the manual carefully before operating, and reserve it for future reference.

PRECAUTIONS

- Only in a 12-volt DC negative-ground electrical system.
- Disconnect the vehicle's negative battery terminal while mounting and connecting the unit.
- When replacing the fuse, be sure to use one with an identical amperage rating. Using a fuse with a higher amperage rating may cause serious damage to the unit.
- Make sure that pins or other foreign objects do not get inside the unit, they may cause malfunctions, or create safety hazards such as electrical shock.
- If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.
- Keep the volume at a level at which you can hear outside warning sounds (horns sirens, etc.).

CAUTION

- DO NOT open covers and do not repair by yourself. Ask the dealer or an experienced technician for help.

Specifications

General

Power supply:	10.8V~16V DC
Maximum power output:	4x 40W
Suitable speaker impedance:	4ohm
Fuse spec:	10A
Weight:	0.9kg
Dimensions (WxDxH):	188x131x58.5mm

FM Stereo Radio

Frequency range:	87.5 - 108MHz
Signal/noise ratio:	50dB
AUTO Step:	100KHz

AM (MW) Radio

Frequency range:	522-1620KHz
Step:	9KHz
backup current:	≤3mA

BT

Frequency range:	2402-2480MHz
output power:	≤20dBm

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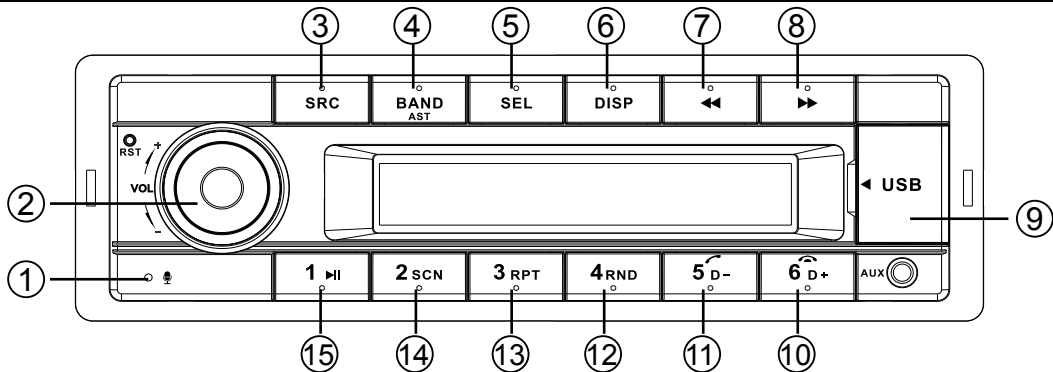
BEFORE OPERATION

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operation.

Note:

- 1 According to models with different wiring harness to connect the definition of the specific content, please refer to the model label.
- 2 Specifications and the design are subject to change without notice due to improvements in technology.

Panel Controls



(1). - Microphone

(2). - Power on/off,

- Mute,

When on,hold it more than 2 seconds to power off.

- Rotate the VOL knob to adjust volume.

(3). - Switch audio source

(4). - Band switch:

FM1/FM2/FM3/MW1/MW2

- Hold it Automatically search station and store the signal strongly station to 1-6 Preset.

(5). - Enter Audio Setting menu

(6). - Display SW Version/ID3 INFO

- System setup (long press)

(7). - Radio mode

Manual seek the station

- MP3 mode

Select the previous track

(8). - Radio mode

Manual seek the station

- MP3 mode

Select the next track

(9). - USB slot

(10). - MP3 next folder/ Hang up

(11). - MP3 previous folder

- Dial/Call transfer

(12). - MP3 random play

(13). - MP3 repeat play

(14). - scan play

(15). - Play/pause

(10-15).


- 1-6 radio preset

Press to tune in a preset station.

Hold for more than 2 seconds to store current station.

Button Tips



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 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 rotate or press the VOL/MENU control to return the volume level to the setting in use before the Mute function was activated.

Mode Button (SRC)

Press the [SRC] button to change between Radio, USB (when USB is connected), AUX play.

MP3 Playback



Track skip

Press the [] button to go to the previous

or next track.



Hold it to enter fast forward or reverse back mode.

MP3 track fast search

Press the []/[] button to select MP3 previous/next folder.

System setting

On the non time display menu:

Hold it [DISP] and press []/[] button to enter the system setup menu, .


PIN CODE → VISIBLE → CT → BEEP → LOGIC → AM → ARER SEL


Wait for 1s and rotate the knob to set the system.

Band

During radio play, press the [BAND] button to choose between three FM, two MW 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 Memory Store

At FM1/FM2/FM3/MW1/MW2 mode, press and hold button 1-6 to store current station in memory. You can store 36 stations in total. (18 FM/ 18 MW)

SOUND SETTING

Press the [SEL] button to enter sound effect setting mode. First press shows current EQ. Press [] or [] button to select options, rotate the knob to adjust.

EQ OFF -> BALANCE -> FADER-> LOUD

BALANCE:LEFT 1-7->CENTER->RIGHT 1-7
FADER:FRONT 1-7->CENTER->REAR 1-7
LOUD: ON/OFF

Bluetooth Functions

Pairing

Use this function to establish a connection between the unit and your mobile phone.

1. Turn on the unit.
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 "Continental radio" 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.

BT mode selecting

Press [SRC] button to choose BT mode.

Receive

1. After pair successfully, if there is a call incoming, the unit switch to BT mode automatically.
2. Press [5D-] button to receive.
3. Press [6D+] button to hang up.

Dialing

1. Phone dialing

Mobile phone dialing, LCD screen displays dialing information.

Call Transfer

During talking, press [5D-] 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.

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 audio only.

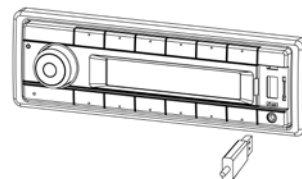
On A2DP music playing mode, press [1] button to choose pause/play mode.

Press [/▶] button to previous or next track.

USB Function Summarization

Loading/Take out USB equipment

1. Insert a USB device into the connector and the unit will begin to play automatically.
2. To stop playback of USB device, push the SRC button to non USB mode and then remove the USB device.



USB functions (flash memory type)

1. USB flash memory 2 in 1 support.
2. FAT 12/FAT 16/FAT 32 format supported.
3. USB 1.1 support, USB 2.0 support (For 2.0, speed performance is as USB 1.1).
4. WMA files support.
5. Maximum number of MP3 files and folder are 65534.
6. Maximum USB capacity support is 2TB.
7. Not all USB devices are compatible with the unit.

TROUBLESHOOTING

The following checklist can help you solve some problems which you may encounter when using the unit. Before consulting it, check the connections and follow the instructions in the user manual. Do not use the unit in abnormal condition, for example without sound, or with smoke or foul smell can cause fire or electric shock, immediately stop using it and call the store where you purchased it.

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 work normally.	The unit system is unstable.	Press the RESET button.
Mode TUNER		
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.
Mode USB		
Unable to insert USB device	The USB device has been inserted the wrong way round.	Insert it the other way around.
The USB device cannot be read.	NTFS format is not supported.	Check that the file system is in FAT or FAT32 format. Due to different formats, some models of storage devices or MP3 players may not be read.

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

