Continental
The Future in Motion

TR7422U-OR

RADIO / USB MP3 / WMA 24V

OWNER'S MANUAL

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 24-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:	24 V DC (18V-32V)
Maximum power output:	4 x 15 W
Suitable speaker impedance:	4 ohm
Fuse spec:	10 A
Weight:	0.9 kg
Dimensions (WxDxH):	188x131x58.5 mm

Frequency Table

AREA	BAND	RECEIVED FREQUENCY	AUTO SPACE	CHANNEL SPACE
USA	FM	87.5 - 107.9MHz	200KHz	100KHz
	AM	530 - 1710KHz	10KHz	10KHz
EUROPE	FM	87.5 - 108.0MHz	100KHz	50KHz
	MW	522 - 1620KHz	9KHz	9KHz
	LW	144 - 288KHz	3KHz	3KHz
NORTH AFRICA	FM	87.5 - 108.0MHz	100KHz	50KHz
	MW	531- 1602KHz	9KHz	9KHz
	LW	153 - 252KHz	3KHz	3KHz
ASIA	FM	87.5 - 108.0MHz	50KHz	50KHz
	AM	522 - 1629KHz	9KHz	9KHz
JAPAN	FM	76 - 90MHz	100KHz	100KHz
	AM	522 - 1629KHz	9KHz	9KHz

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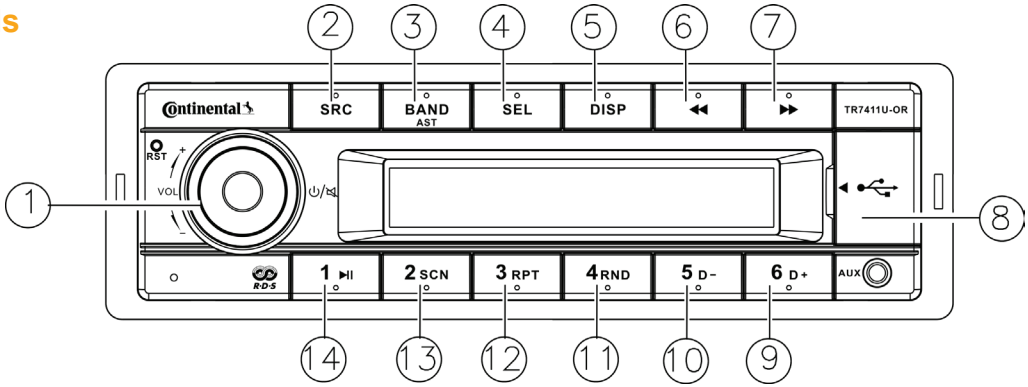
BEFORE OPERATION

- 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). - Power on/off,
- Mute,
when on,hold it more than 2 seconds to power off.
- Rotate the VOL knob to adjust volume.

(2). - Source
Radio,
USB (when USB inserted),
AUX IN,
Hold it more than 2 seconds to select PTY mode.

(3). - Band switch:
FM1 -> FM2 -> FM3 -> MW1 -> MW2-> LW
- Hold it Automatically search station and store the signal strongly station to 1-6 Preset.

(4). - Press SEL and rotate VOL knob to select EQ preset mode:
EQ OFF-POP-CLASSIC-ROCK-JAZZ
- Press to enter,when selecting the PTY mode,
- Press SEL and rotate VOL knob to ajust the time,when on the CLOCK mode.

(5). - Display system clock
- Hold it to set clock
- Radio mode:
display PTY info/system clock/current channel,
- MP3 mode:
Turn and turn about folder name/file name/ ID3 TAG/Clock .

(6). - Radio mode
- Auto search the station from high to low
- MP3 mode
Select the previous track

(7). - Radio mode
Auto search the station from low to high
- MP3 mode
Select the next track

(8). - USB slot

(9). - MP3 folder ahead

(10). - MP3 folder back

(11). - MP3 random play

(12). - MP3 repeat play

(13). - Program intro play (10 sec.)

(14). - Play/pause

(9-14).
- 1-6 radio preset
Press to tune in a preset station.
Hold for more than 2 seconds to store current station.

Button Tips

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 [5D-]/[6D+] button to select MP3 folder back/ahead.

Set Clock

If RDS clock (CT) doesn't work, you can adjust manually the Clock time.
Long press the [DISP] button to set the time.
Select [CLOCK] with the search buttons [◀◀/▶▶].
Press [SEL] button and rotate [VOL] knob to adjust the minutes.
Press [SEL] button and rotate [VOL] knob to adjust the hours.
Press the [SEL] button to exit the clock setting.

System setting

On the non time display menu:
Hold it [DISP] and press [◀◀/▶▶] button to enter the system setup menu,
CLOCK→TA→TA RETURN→AF →REG →CT →DX/LO →ST/MONO →AUTO ANS →AUTO CON F →12H/24H →MIC SEL →REGION →SWRC (ON/OFF) →LOGIC(ON/OFF) → SCROLL(ON/OFF)

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

TA setting: Rotate [VOL] knob toset ON/OFF.
TA RETURN: On the FM mode, set the TA time space Info of auto search with RDS.
Setting for "LONG", Auto search the TA time space for 180 sec,Setting for "SHORT", auto search the TA time space for 45 sec.

Region setting to select AMERICAN, EUROPE, ASIA, JAPAN.

Press [SEL] button,and then press the [◀◀/▶▶] button to choose EQ/BAS/TRE/BAL/FAD/LOUD function, rotate the konb to adjust.

Tune

Radio seek automatically
Press the ◀◀/▶▶ button auto search the station from high to low or from low to high.
Radio tune by step
Hold it more than 2 second, switch to the manual mode, press the button step search the station from high to low or from low to high.
Manual Memory Store
At FM1/FM2/FM3/MW1/MW2/LW mode, press and hold button 1-6 to store current station in memory. You can store 36 stations in total. (18 FM/ 18 AM).

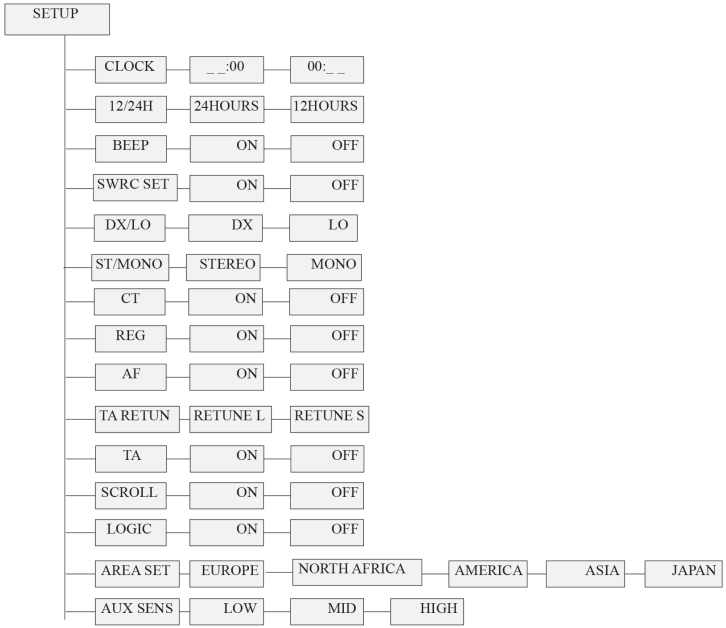
RDS

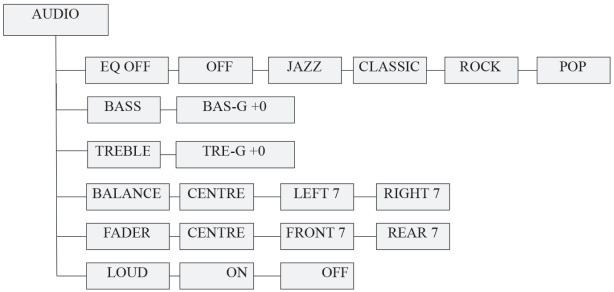
Press the [DISP] button to set AF/TA/REG, rotate the [VOL] knob to open or close AF/TA function.
Hold the [SRC] button to PTY function, rotate the [VOL] knob,display NEWS and POP program type.
When display NEWS, rotate the konb to select opposite preset
NEWS-AFFAIRS-INFO-SPORT-EDUCATE-DRAMA-CULTURE-SCIENCE-VARIED-POP M-ROCK M-EASY M-LIGHT M-CLASSICS M-OTHER M-WEATHER -FINANCE-CHILDREN-SOCIAL -RELIGION-PHONE IN-TRAVEL-LEISURE-JAZZ-COUNTRY-NATION M-OLDIES-FOLK M-DOCUMENT-TEST-ALARM

Logic ON/Logic OFF

Logic ON to limit the use of the set to one hour when the car ignition is switched off.Logic OFF to prevent the set from turning on, when the car ignition is switched off.

System Setting Item List

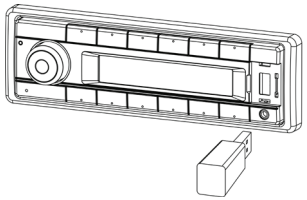




USB Function Summarization

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, eed performance is as USB 1.1)
4. WMA files supported
5. Maximum number of MP3 files FAT 32 format supported is 65535 files. (Maximum number of MP3 files NTFS supported is 1000 files.) Maximum number of folders is 999.
6. Maximum USB capacity support is cap at 8 GB and best performance with songs not more than 500, and not exceeding 30 folders.
7. Not all USB devices are compatible with the unit.

FCC

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. 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.

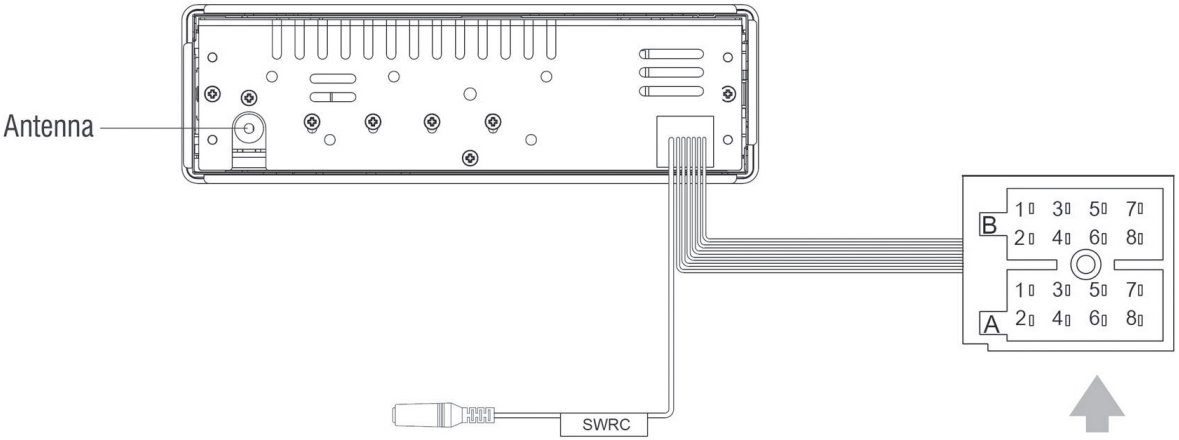
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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

Electrical Connections



A Compartment	
No.	Pin Definition
A1	NC
A2	NC
A3	TeleMute/Brown and Black
A4	ACC-IN/Red
A5	ANT REMOTE/Blue and White
A6	ILLUMINATION/Pink
A7	Battery/Yellow
A8	Ground/Black

B Compartment	
No.	Pin Definition
B1	Rear Right+/Purple
B2	Rear Right-/Purple and Black
B3	Front Right+/Gray
B4	Front Right-/Gray and Black
B5	Front Left+/White
B6	Front Left-/White and Black
B7	Rear Left+/Green
B8	Rear Left-/Green and Black

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.
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.

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