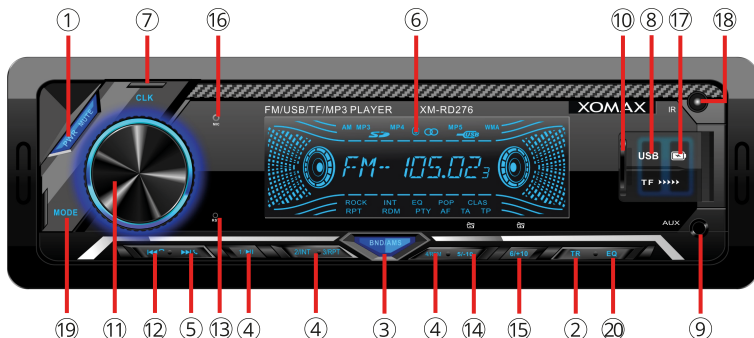# CAR AUDIO

CAR MP3 PLAYER WITH RADIO USB/SD/MMC MANUAL

XM-RD276

1. Power on / off /Mode
2. **TR**: Color change
3. Change radio channel /
Search automatically/Storage button (BND/AMS)
4. Radio memory number(1.2.3.4.5.6)
5. Radio search forward/Next song /Answer the call
6. LCD
7. **CLK**: Clock
8. USB slot
9. **AUX**: Aux in
10. SD/MMC slot
11. **Knob**: Volume button/
12. Radio search backward/previous song/Ring off

13. **RST**: Reset
14. **5/-10**: Last 10 songs/Last folder
15. **6/+10**: Next 10 songs/next folder
16. MIC
17. Fast charge USB
18. **IR**: Remote control receive window
19. MODE
20. Sound effect change

1.Basic Operation

1. Power on / off

Short press this button to power on , long press to power off.

2. Volume button/ Sound effect change

Turn this button to control the volume. Press SEL to choose the sound effect as follows:
Volume—BASS—TREBLE——BAL-- FAD ---LOUND OFF/ON –BT -Volume)

When you choose the mode you need , you can turn VOL knob left or right VOL button to select.

When you choose EQ function . You can turn left or right VOL knob to select as followed:
EQ POPS—ROCK—CLASS—FALT.

3.LCD

It shows radio frequency/and content of SD/USB.

4.FM button / Search and store automatically

In radio mode, repeatedly press this button to change the band: FM1-FM2-FM3. Radio system will search and save the radio station into the memory number automatically.

5. Change mode button

Short press this button, you can choose the mode: Radio—SD/MMC—USB—AUX IN--BT..

6. Radio memory number

In the radio mode, when you get the radio you like, You can long press any number button (1—6) to save this radio station into this number. Such you press the number 2, next time you press number 2, it will show the station directly.

7.Radio search backward button

In the radio mode, short press this button to search the radio backward automatically. and it will stop and play when it get the radio station.

Long press this button (about three second) to search the radio by manual, then you can short press this button to search the station, and if you don't press any button for 5 seconds, it will quit this function.

8. Radio search forward

In the radio mode, short press this button to search the radio forward. and it will stop and play when it get the radio station.

Long press this button (about three second) to search the radio by manual, then you can short press this button to search the station, and if you don't press any button for 5 seconds, it will quit this function.

9. Clock

Short press this button to display the current time. Long press this button until the clock time flash ,then you can short press button(5) and (12) to adjust time (hour/minute) respectively.

10. Aux in

Short press this button to go to AUX in, you can play external music by inserting in this Aux in hole.

11.Reset button

When the system is crash, you press this button to restart.

12.SD/MMC slot

Insert SD/MMC card into slot, then put on the front panel. Then it will read the music of the SD/MMC card.

14.USB slot

Insert USB disk into USB Slot. it will read the music in U disk..

15.

1). Insert SD/MMC/USB into slot , short press ▶|| is pause function. short press again can go on playing.

2).Insert SD/MMC/USB into slot, short press ▶▶|, it will read the next song .

3).Insert SD/MMC/USB into slot, short press |◀◀, it will read the previous song .

4). Insert SD/MMC/USB into slot , short press INT is scan function.

5). Insert SD/MMC/USB into slot , short press RPT is repeat function.

6). Insert SD/MMC/USB into slot , short press RDM is random play function.

7). Insert SD/MMC/USB into slot , short press -10/6 last 10 songs function Long press is last file function .

8). Insert SD/MMC/USB into slot , short press +10/6 next 10 songs function.

Long press is next folder function

16. Fast charge USB

This USB slot only for cellphone charge .

17.TR (Change 7 color button)

After power on . It will change one color automatically for every 3 seconds. Short press this button to choose only one color. And press again to choose another color. And press two times   It will go back to change seven color automatically again. Long press this button to power off the color light.

2. BT operation

1.BT is turned on by default when you power on the player . Short press MODE to select BT MODE . And you will see the BT symbol flashing all the time . When the mobile phone succeed in connecting with BT .The symbol would not flashing .

2.In the BT mode . You can play the music of the mobile phone through the BT .

3.In the BT mode. Short press   ☎ answer and ring off the call .

3. Enter DAB+ radio mode:
Press the MODE button until the DAB radio mode "DAB" is shown on the display.

AMS Automatic search:
Press the "BND/AMS" button on the front panel for about 2 seconds to start the automatic channel scan.
The radio will automatically search for stations with strong signals.

Switching stations:
Press the |◀◀ or ▶▶| button on the front panel to switch between stations in the appropriate direction.
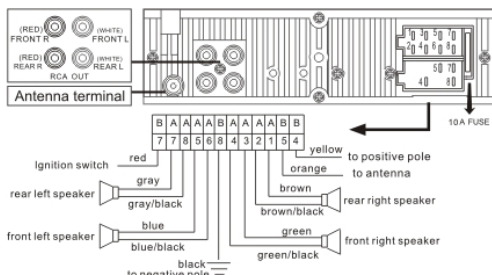
4.Technical Parameters
Tuner Part:

Fault	Reasons	Solutions
FM Frequency Range---87.5MHz-108MHz		
FM noise-limited sensitivity---FM≤26dB		
FM signal to noise ratio (S/N)---≥45dB		

USB/MMC/SD Part:

Frequency Response---100Hz-10kHz(+10dB)		
MP3 bit rates--8-320kbps		
Channel balance---≤3 dB		
Channel Separation -- ≤22dB		
MP3 Signal to noise ratio (S/N)--≥55dB		
Working voltage ---12V DC		
Real power output--4x60W/14.4V		
Speaker impedance ---4Ω-8Ω		
Size dimension---180mm(W)x52mm(H) vx115mm(L)		

4.Wiring Diagram

+12V DC NEGATIVE GROUND

5. Trouble shooting

LCD doesn't display	1. Yellow wire is not connected with battery + 2. Fuse of red wire is open	Assure yellow wire is connected with battery + Replace fuse
No sound	1. No power supply 2. Speaker wire is open circuit 3. SD/MMC card, U disk don't have song with corresponding format. 4. SD/MMC card, U disk golden finger is dirt which causes bad contact.	Connect the power wire. Connect speaker wire. Check the contents of SD/MMC card, U disk. Clean with absolute alcohol.
Low sound (not clear)	1. Power internal resistance is high. 2. Antenna is bad contact.	Replace the power supply Tighten the antenna plug.
Mono track	1. One channel of speaker wire is open circuit 2. Amplifier integrated circuit is damaged.	Connect speaker wire Replace the IC of amplifier

Note: Technical data is subject to change without prior notify.