XOMAX

Instruction Manual

MODEL: **XM-R280**

1-Din Car MP3 Player & Stereo Radio
AM/FM 2 Band, USB, Bluetooth
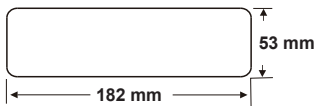
Installation

Installation Procedures
First complete the electrical connections and then check for correctness.
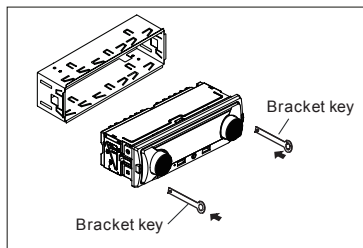
Installation Opening
This unit can be installed in any dashboard Having an opening as shown below.

53 mm

182 mm

To Install the Car Radio

Be sure you test all connections first, and then follow these steps to install this unit.
1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Disconnect the wire harness and the antenna.
3. Insert the two bracket keys into the left and right side of the chassis, as shown the below figure to separate the chassis from the housing.
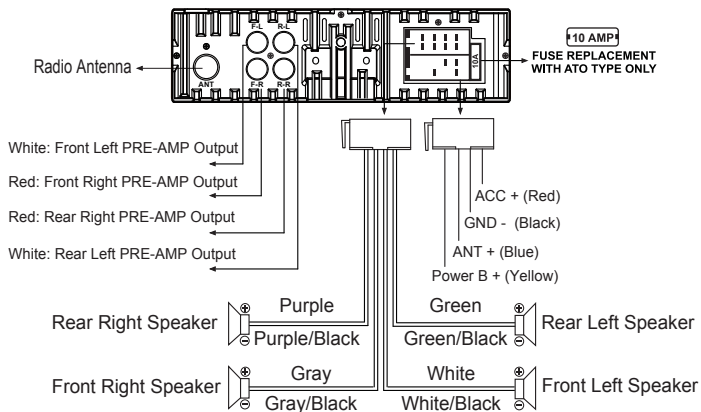

Bracket key

Bracket key

5. Insert mounting sleeve into the dashboard and bend the mounting tabs out with a screwdriver. Make sure that the lock lever is flush with the mounting sleeve and is not projecting beyond.
6. Insert car radio into the mounting sleeve.
7. Make wiring connections, as illustrated in the "Wiring Diagram."
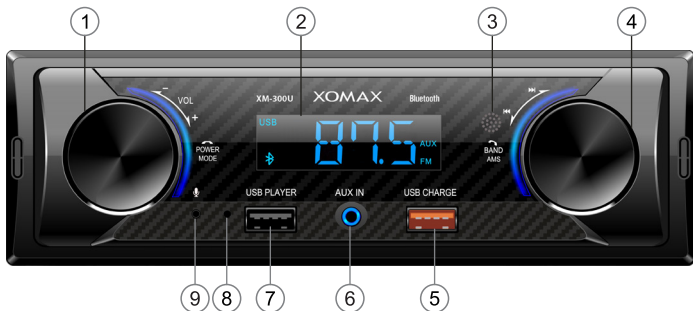8. Install the plastic outer trim ring.

Installation

Connect all wiring harness and slide the head unit into the mounting collar until it clicks into place.

Wiring Connections

Radio Antenna ←

10 AMP
FUSE REPLACEMENT
WITH ATO TYPE ONLY

White: Front Left PRE-AMP Output ←

Red: Front Right PRE-AMP Output ←

Red: Rear Right PRE-AMP Output ←

White: Rear Left PRE-AMP Output ←

ACC + (Red)
GND - (Black)
ANT + (Blue)
Power B + (Yellow)

Rear Right Speaker	Purple	Green	Rear Left Speaker
	Purple/Black	Green/Black	
Front Right Speaker	Gray	White	Front Left Speaker
	Gray/Black	White/Black	

!

- +12V DC Negative Ground.

- Only use speakers with 4 ohms impedance.

- The maximum current of the Amp remote trigger is 200mA.

Overview of the Controls

1. POWER(power on/off) button,

   VOL(volume) knob,

   MODE (Mode selector) button,

   📞 (end call) button

2. LED Display

3. IR remote sensor

4. BAND button,

   Tuning knob,

   Preset memory station selector

   AMS (auto store / preset station scan, auto music search) button

   (Answer call) button

5. 5V/2.1A USB charge port for most smartphone

6. AUX IN (auxiliary input) jack

7. USB Player Port for music playback

8. Reset button

9. Hands-free Microphone

Auxiliarly Operation

Using this socket, it is possible to hear the sound of other playback devices such as MP3 players, CD players etc. through the car loudspeaker.
1. Please connect the external device with a 3.5 mm stereo jack plug to the AUX socket.
2. Press the **MODE** button repeatedly until "AUX IN" appears in the display.
3. You hear the playback from the external device via the loudspeakers.
You can adjust the volume of the external device to a comfortable level with the volume control of this device.

Remote Control

1. ⏻ (Power on/off) button
2. SEL(Audio/Menu) button
3/15. ◄◄ (Tune down, seek down / Track down, Fast reverse) button
   ►►| (Tune up, seek up/ Track up, Fast forward) button
4/14. VOL+(volume increase) button, VOL-(volume decrease) button
5. MUTE button, DEL(Delete) button
6. INT (intro), Preset station 2, Keypad 2
7. ►|| (pause/play), Preset station 1, Keypad 1
8. -10(previous 10 tracks), previous folder, Preset station 5, Keypad 5
9. RDM (random), Preset station 4, Keypad 4
10. LOUD(Loudness), Keypad 8
11. STEREO/MONO, Keypad 7
12. MODE button, Keypad *
13. Band button, ☎ (answer call) button
16. CLK(Clock setting), ☎ (end call) button
17. RPT (repeat), Preset station 3, Keypad 3
18. +10(next 10 tracks), next folder, Preset station 6, Keypad 6
19. AMS (auto store / preset station scan, auto music search), Keypad 9
20. EQ(Equalizer Preset) , Keypad #0
21. LOC(Local)/DX(Distant) Reception, Keypad #

Note: When using the remote control for the first time, you must pull out the portective plastic tab from the battery compartment found on the back of the remote control.

General Operation

Turn Unit on/off, Change the Source
• Press the Power on/off button (volume knob) to turun on the unit.
Press and hold the Power on/off button to turn off the unit.

Change Modes(Source)
• Press the **MODE** button to select the different modes: Radio, USB(with USB device inserted), AUX IN(auxiliary input) and BT(Bluetooth) modes.

Adjust the volume (VOL)
Rotate the **VOL** knob to increase or decrease the volume level.

Adjust Menu Options (SEL)
• Short press the **SEL** button on the remote control to enter the settings mode, then press the **SEL** button repeatedly to cycle button repeatedly to cycle

- BASS/TREBLE: -7, -6, ~, 1, 0, +1,~, +6, +7
- BALANCE: L7, L6,~, L1, 0, R1,~,R6, R7
- FADER: R7, R6, ~, R1, 0, F1, ~ ,F6, F7
- EQ(Equalizer) Setting: OFF, CLASS, ROCK, POP, FLAT
- Loudness: LOUD ON/OFF
- DX/LOCAL: Enables or disables the local broadcast mode (LOCAL).
- Stereo/Mono: Switches between MONO and STEREO reception mode for radio frequencies.
- CLOCK 12/24: Select between 12 hours and 24 hours display.
  Note: If 12 hour display is selected , AM= Morning; PM= Afternoon

• Rotate the **VOL** knob to adjust the selected item.

General Operation

Auxiliary Input Jack

USB Charge for smartphone
The blue USB port is designed for charging for iPhone / android mobile phone. The charging current consumption is 2.1 ampere.

Play Songs from USB flash memory device
The black USB port is designed for music playback from flash memory devices. If you would like to play MP3/WMA songs contained in a USB flash memory device, please insert the USB flash memory device into this USB port. The unit will play automatically MP3/WMA songs.

IR remote sensor

Reset
Push the **RESET** button with a thin object with a pointed end to reset all parameters to factory default settings.This function may be used when the LCD does not display normally or sound is distorted, or when any of controls are disabled.

Radio Operation

Change Bands
In radio mode, short press the **BAND** \ } [à to switch between the FM1(F1), FM2(F2), FM3(F3) and AM1(A1), AM2(A2) bands.

Seek Tuning
In radio mode, quick rotate the tuning knob to seek previous or next strong signal radio station within the cuttent band. The seek tuning will stop until find a station or press the tuning knob again.

Auto Store Preset station (AMS)
In radio mode, press and hold the **AMS** button (tuning knob) to store 18 FM and 12 AM preset stations automatically.

To Recall Preset Stations
Slowly rotate tuning knob to change recalling preset station.

LOCAL/DX
Press the **LOC** button on the remote control to choose local or distant reception mode.

STEREO/MONO
Press the **ST** button on the remote control to choose FM STEREO or MONO audio effect.

USB Operation

The black USB port is designed for music playback from flash memory devices. If you would like to play MP3/WMA songs contained in a USB flash memory device, please insert the USB flash memory device into this USB port. The unit will play automatically MP3/WMA songs.

Select Next Track or Previous Track
In the USB mode, rotate the tuning knob (►►I / I◄◄) to play the the next or previous track.

Select the track or file for playback in MP3 format
a) Press the **AMS** button (tuning knob) to enter track search mode.
First "TRK0000" will appear on the LCD display.
b) Rotate the volume knob select the number of your favorite track wtih high speed.
c) When the desired track number appears, confirm your selection by pressing **SEL** button (Volume knob).
If no any operation in 5 seconds, it will play the current track.

Bluetooth Operation

Pair and Connect
Before using a Bluetooth device for the first time, it must be paired and connected.

1. This head unit broadcasts the pairing signal constantly when no devices are connected. User can complete the pairing steps from your Bluetooth device. Refer to owner's manual for your device for more details.
2. When the phone finds the car audio system, the "XOMAX" name will be displayed. Choose the "XOMAX" from the device list to pair and connect with the car audio system. Upon confirming, the BT logo will stop flashing.

Making a Call
• To make a call, dial the call directly from the paired mobile phone.
• To make a call with this bluetooth handsfree system:
 a) When linking up the Bluetooth enabled mobile phone to this bluetooth handsfree system, press the 📞 button on the remote control to access the dial telephone number mode.
   then press the"0~9", *and # button on remote control to input the tele-phone number, the entered number will be shown on the LCD display.
 b) If a number has been incorrectly inputted, press the 📵 button or press the DEL button on the remote cotnrol to delete it.
 c) Press the 📞 button to make outgoing call.

Answer a Call
When the mobile phone is called, the incoming telephone number displays on the LCD display. press the 📞 button on front panel or the 📞 button on the remote control to answer the incoming phones.

Redial Last Dialed Number
Press and hold the 📞 button on the front panel or 📞 button on the remote control to redial the last dialed phone number.

Reject or End a Call
Press the 📵 button on the front panel or 📵 button on the remote control to reject or end the call.

Switch Audio Between Car Audio and mobile Phone
During a call, press the 📞 button on the front panel or **SELECT** buuton on the remote control to switch the audio source from the car audio system back to your mobile phone.

Bluetooth Operation

Adjust Call Volume
During a talk, use **VOL** knob or **VOL+ ▲** /**VOL- ▼** button to adjust the call volume level.

Audio Streaming (A2DP)
This head unit supports A2DP (advanced audio distribution profile) wireless streaming audio from a Bluetooth mobile device directly to your head unit.

The following functions can be used to control the music playback.

A2DP Music Playback
• Rotate the tuning knob (▶▶ / ◀◀) on front panel to play the the next or previous track.
• Press the tuning knob (▶ɪɪ) on front panel to pause or restore the music playback.

• **Skip to Next music**
  Press the ▶▶ button on the remote control to play the next music in the mobile phone.
• **Skip to Previous music**
  Press the ◀◀ button on the remote control to previous music in the mobile phone.
• **PLAY/PAUSE**
  Press the ▶ɪɪ button on the remote control to pause or restore the music playback.

Technical Specifications:

- 1 DIN Short Chassis: (W x H X D): 178 x 50x 70 mm
- Working Voltage: DC 12V/ 10A
- Power Output: 4 x 60 Watt (240 Max.)
- FM Tuner Frequency Range: 87.5 ~ 108.0 KHz (50KHz/Step)
- AM(MW) Tuner Frequency Range: 522 ~ 1620 KHz (9KHz/Step)
- Signal to Noise Ratio: 60dBA
- Frequency Response: 20Hz - 20KHz
- Usable Audio Formats: MP3, WMA
- USB Version: 2.0
- USB Charging: 5V/2.1A
- Bluetooth Version: 5.0
- Bluetooth A2DP, AVRCP Support
- Range of frequency: 2.4GHz
- RCA Outputs: Front and Rear
- Loundly Speaker Impedance: 4 Ohm

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GERMANY

WEE DE 19856609   E-mark certification

The possible alterations of the technical data, which are related to
further model modification, are valid and reserved without any preadvices.