REI

AW-20

User Manual



IPX6 Waterproof Guage Radio, With BT Audio Streaming

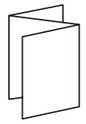
2 Lines LCD | USB 1A PLAY & QUICK CHARGE | Bluetooth | R·D·S

AW-20

IPX6 Waterproof Guage Radio, With BT Audio Streaming

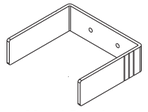
Contents


AW-20


User Manual (1pcs)


M4 (8pcs)


Hexagon (2pcs)

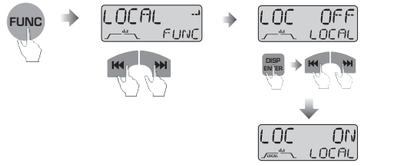

Metal Bracket (1pcs)

Key Functions



▶/II ⏻/🔇	◆ Short press to mute or restore volume. ◆ Turn the unit on. Press and hold again to turn the unit off. ◆ Press to pause. Press again to resume playback.
⏮ ⏭	◆ Tuner/Weather Band Mode: Press to enter into the Manual Seek mode, press and hold to enter into the Auto Seek mode. ◆ Media Playback Mode: Press to track Up/Down, press and hold for fast forward/backward.
SRC	Select the available Source.
FUNC	Press to enter into the Function mode.
◀ ▶	Press ◀ to decrease the volume, press ▶ to increase the volume.
BAND ↩	◆ Tuner/Weather Band Mode: To change different Band. Press and hold to access into Auto Store mode, the strongest stations of the selected band will be saved in preset channel automatically. ◆ Media Playback Mode: Press to access into search Folder/File music mode. ◆ Returns to the previous item.
DISP ENTER	◆ Tuner Mode: Press to view RDS received information. ◆ Media Playback: Press to view ID3 informations.
MENU	◆ Press to access into the Audio Menu mode to adjust the options: EQ7 / XBASS / BASS / MIDDLE / TREBLE / BALANCE / FADER / R-SUBW / SUBW / SUBW LPF / SUBW LEVEL ◆ Press and hold to access into the System Menu.

Adjust Function

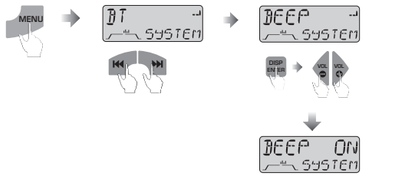


1	2	3	4
FUNC Press and hold access into the Function mode	⏮ ⏭ Press to select the item to be adjusted	DISP ENTER ⏮ ⏭ Press to select a value / option	Press the BAND ↩ button to exit

When you press or hold the following button(s)...

Media Playback Mode	Selectable setting
Repeat	◆ ALL: to repeat all tracks on the storage media ◆ Song: the current track will be repeated ◆ Folder: repeats all tracks in the current folder
Random On/Off	This function allows you to play tracks/songs from the current album, songs or artists in a random order.
Intro On/Off	This function allows you to play the first 10 seconds to each track on the device.
Tuner Mode	**Selectable setting**
Auto Store	Press to access into Auto Store mode, the strongest stations of the selected band will be saved in preset channel automatically.
Manual Stroe	When one expected radio station has been detected, press to store it in the memory.
Local On/Off	◆ ON: only stations with strong signal can be broadcast. The Local indicator will light up ◆ OFF: Stations of both strong and weak signals can be broadcast.
Area	Select suitable country area for this unit: EUROPE; RUSSIA; JAPAN; LATIN; MID-EAST; OCEANIA; USA; ASIA
RDS On/Off	Turn On or Off the RDS function.
AF On/off	◆ ON: The unit will search for another station with stronger signal, but with the same program identification as the current station automatically. ◆ OFF: Turn off AF function
TA On/off	◆ ON: When there is traffic announcement, unit will automatically switch to the tuner mode (regardless of the current mode) and begins to broadcast the announcemet on traffic conditions. When the traffic announcement is over, unit will automatically return to the previous mode. ◆ OFF: Traffic announcement does not cut in.
PTY ↵	Once inside the PTY mode, press the get into program type item, and press ⏭ / ⏮ to selected category. ◆ **Available Program Type:** POP M; ROCK M; EASY M; LIGHT M; CLASSICS; OTHER M; JAZZ M; COUNTRY; NATION M; OLDIES M; FOLK M; A-TEST; ALARM; NEWS; AFFAIRS; INFO; SPORT; EDUCATE; DRAMA; CULTURE; SCIENCE; VARIED; WEATHER; FINANCE; CHILDREN; SOCIAL; RELIGION; PHONE IN; TRAVEL; LEISURE; DOCUMENT

Adjust System Menu Settings



1	2	3	4
MENU Press and hold access into the System Menu	⏮ ⏭ Press to select the item to be adjusted	DISP ENTER VOL- VOL+ Press to select a value / option	Press the BAND ↩ button to exit

When you press or hold the following button(s)...

Item	Selectable setting
BT ↵	This feature allows to Reconnect or Disconnect to the paired mobile phone or Bluetooth device manually.
BEEP ↵	Turn On or Off this beep sound.
RESET ↵	To restore the factory defult settings.
ABOUT ↵	To view the device hardward and software versions.

Use Bluetooth Device

Pairing the Bluetooth device

On your Bluetooth-enabled device, follow the steps below.

1. Search for Bluetooth devices.
2. In the device list, select "AW-20".
3. "**CONNECTED**" will appear on the display.
4. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.

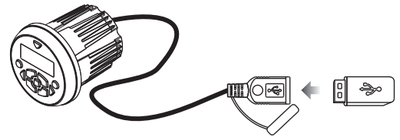
NOTE **If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000".**

Bluetooth Audio Streaming A2DP

If the connected Bluetooth device supports Advanced Audio Distribution Profile (A2DP), you can listen to the music stored on the device through the unit. If the device also supports Audio Video Remote Control Profile (AVRCP) profile, you can use the control on the unit or its remote control to play music stored on the device.

1. Press **SRC** repeatedly to select **[BT AUDIO]**.
2. Press ▶/II ⏻/🔇 to start play, press it again to pause.
3. To track up/down, press ⏭ / ⏮.
4. Press DISP ENTER to view song title information.

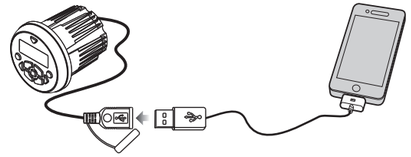
Playing a USB Device



Open the lid of USB socket, insert the USB device into the USB socket. The unit starts playing from the USB device automatically.

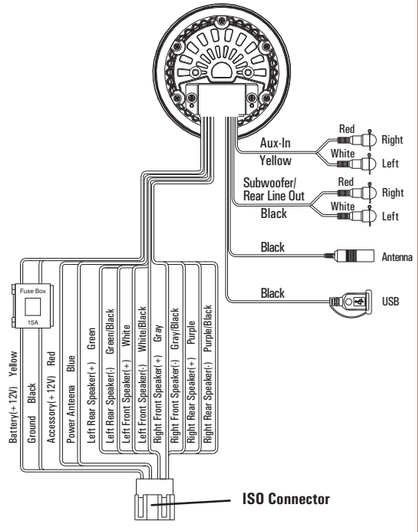
- To pause the music play, press ▶/II ⏻/🔇, press this button again to resume music play.
- To skip to the previous/next track, press ⏭ / ⏮.
- To search backward/forward rapidly within the current track , press and hold ⏭ / ⏮.

USB 1A Charging

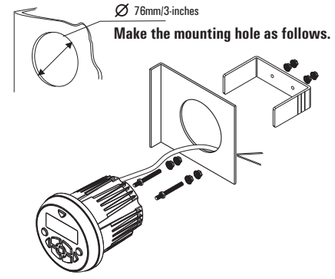


Open the lid of USB socket, insert the iPhone/Smart Phone device into the USB socket. Once he iPhone/Smart Phone is connected and recognized, the iPhone/Smart Phone begins to charge.

Wire Connection



Installation



Specification

FM Tuner

Frequency Range	USA	87.5 ~ 107.9MHz
	Europe	87.5 ~ 108MHz
	Asia	87.5 ~ 108MHz
	Australia	87.5 ~ 108MHz
Usable Sensitivity		12dB (S/N=30dB)

AM Tuner

Frequency Range	USA	530 ~ 1710KHz
	Europe	522 ~ 1620KHz
	Asia	522 ~ 1620KHz
	Australia	522 ~ 1620KHz
Usable Sensitivity		40dB(S/N=20dB)

Weather Band Selection

CH.1 162.400MHz CH.2 162.425MHz CH.3 162.450MHz
CH.4 162.475MHz CH.5 162.500MHz CH.6 162.525MHz
CH.7 162.550MHz

USB

USB.....2.0 High Speed

Bluetooth

Output Power.....Class 2
Frequency Band.....2.402GHz ~ 2.48GHz ISM Band
Range.....10 Meters/33-feet
Standard.....Bluetooth 2.1 Specification+EDR/V3.0

Aux In

Aux In Level.....600mV
Frequency response.....20Hz ~ 20kHz
Signal/Noise Ratio..... > 55dB
Distortion.....0.5%

General

Maximum Power.....50Wx4
Power Supply Voltage .....14.4V DC(10.8 to 15.6V allowable)
Grounding System.....Negative Ground
Speaker Impedance.....4 ~ 8 ohms per channel
Pre-AMP Output Voltage.....1.7V

MP3/WMA mode

MP3 sampling rate.....32kHz, 44.1kHz, 48kHz
MP3 bit rate.....32 ~ 384kbps
WMA bit rate.....8 ~ 320kbps
Logical format.....ISO9660, Joliet
Number of file.....Maximum 65535
Max directory depth.....8
Max File/Directory Name.....64Byte
ID3 tag.....V2.0 or later

Size: 444x210mm (After Folding Size:74x105mm)