

Owner's Manual

Watertight Stereo Receiver built for the Outdoors

With Built In Bluetooth Audio Streaming, AM/FM,
USB input, Auxiliary Input, Wired remote
control, and RCA out.

H-870



Product Description:

This radio features state of the art Bluetooth technology allowing music to wirelessly stream from an audio source to the receiver you just purchased. Why Bluetooth? From a practical standpoint, Bluetooth enables your music device (if applicable) to be placed in a glove box, your overhead console, or even your pocket-places that are dry-without having to install a separate docking station. In addition, Bluetooth audio streaming will work with any Bluetooth enabled device, not just one brand of media. Once connected, you can use your marine receiver to control your media device and vice versa!

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.

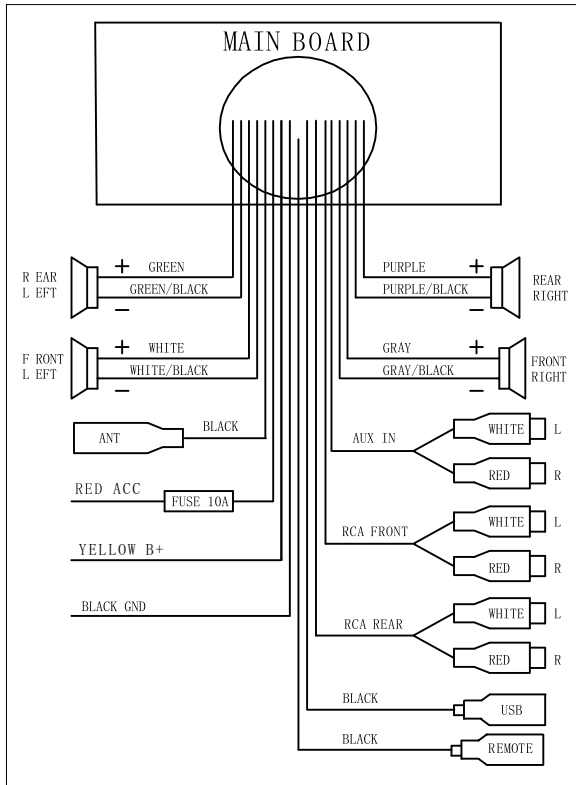
Increase the separation between the equipment and receiver.

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

i.Troubleshooting

- A. If the unit does not power up, consider the following tips:
- *Incorrect wiring
Solution: Double check wiring making sure connections are firm
 - *Fuse is blown
Solution: Replace fuse
 - *Voltage source is not sufficient
Solution: Voltage must be between 11-13.6 Volts
- B. If no sound exists, consider:
- *Speaker connection came loose
Solution: Double check connection
 - *Bad speaker
Solution: Replace bad speaker with known good speaker and connect
 - *Output blown
Solution: Send unit in for repair
- C. No Reception
- *Antenna not firmly seated in socket
Solution: Insert antenna firmly
 - *Antenna tail/tails is/are balled and not spread out
Solution: If using a softwire antenna, extend the tail/tails as much as possible
- D. USB stick not reading
- *File must be a mp3 or wma file
Solution: Convert format to mp3 or wma

X.Wiring











Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complied 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.

The H-820 incorporates the following features:

-  AM/FM
-  Bluetooth Audio Streaming
-  USB input
-  Auxiliary input
-  Waterproof faceplate
-  4 X 20 W
-  Wried Remote Ready (remote purchased separately)
-  RCA out

I. Front Panel Layout



To turn on the unit, press the Power button. Once the unit is on, a quick press will MUTE the stereo. Once the unit is on, a long hold (pressing down for 2 seconds) of the Power button will turn the unit off.



In USB and Bluetooth mode, short press this button to Play/Pause the current track.

BND

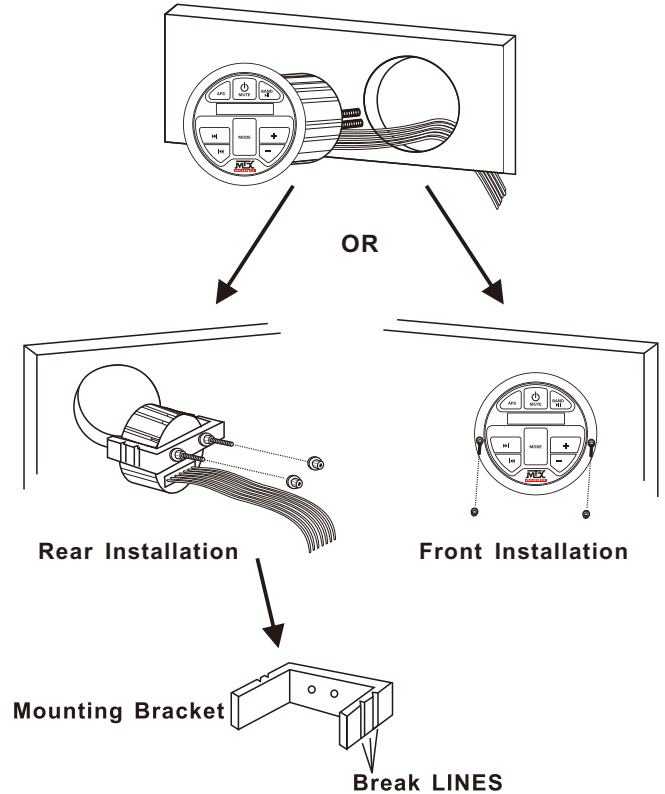
In radio mode, pressing this button results in switching between radio bands ie FM1, FM2, FM3, AM1, AM2.

VOL+

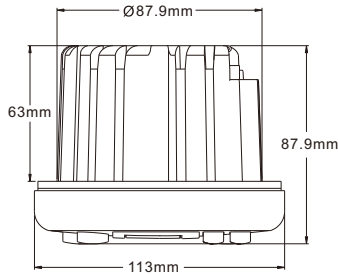
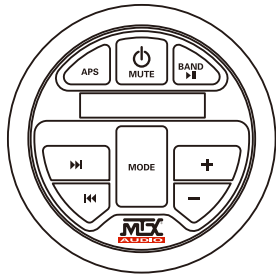
Volume Increase

VOL-

Volume Decrease



IX .Installation



Once a suitable location is determined, drill the hole and secure the stereo using the metal mounting bracket. If the bracket needs to be shortened, remove the appropriate number of the breakaway segments using a pair of pliers.

APS

In USB mode, short press until display flickers, then use VOL+/VOL- buttons to search a specific track. Long press MODE button to accept and play.

In Radio mode, a short press of the APS results in auto seek function; a long press results in APS (Auto Pre Set) function.

MODE

A Short press of the MODE button switches amongst Radio, USB, Bluetooth, Aux. Note: Mode USB will not show up unless a USB drive is inserted.

While in Radio or USB mode, a long press followed by an immediate short press switches amongst BAS, TRE, BAL, FAD, LOUD on/off, US/European frequency, BEEP on/off, 12/24 hours via short press consistently.



Track Up/ Tune up/Forward



Track Down/ Tune Down/Reverse

II. Radio Operation

*Note. Due to the unique size of this radio, traditional presets do not exist. This unit does, however, offer a suitable alternative.

A. In radio mode, short press **▶||** to access AM, FM. There are three FM bands and two AW bands each consisting of six presets.

B. In radio mode, long press APS button and 18 of the strongest stations will be searched and automatically programmed into the preset memory. Press again quickly to stop the auto preset process.

C. In radio mode, short press APS button to activate the scan function.

D. **▶▶** and **◀◀** buttons

Long press each button to access manual seek mode, allowing you to go up or down the frequency scale one odd digit at a time. Short press the buttons in order to access the presets that were set in step B.

III .USB Operation

*Noted: Our USB slot is for USB sticks only. For play of other brands of media, please use the auxiliary input.

A. Insert a USB stick into the USB slot.

Songs must be of the mp3 or wma format

B. Press **▶||** button to play songs , press **▶||** again to pause the track.

C. A short press of the **▶▶** and **◀◀** buttons will track up or track down respectively. A long press of the **▶▶** and **◀◀** will fast forward and reverse the current track respectively.

VII. Bass , Treble ,Balance, and Fader, Loud, Equalizer, US and EU Area, Beep, 24 hour/12 hour time

To adjust the above mentioned subject matter, long press the MODE button and cycle through by a quick press of the MODE button. Adjust each feature by using the VOL+/VOL-.

VIII .Clock Adjustment

A. To see time, long press **▶||** button.

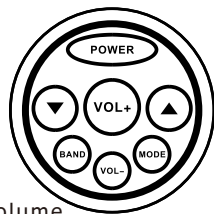
B. To set the clock, the following must be completed. Long press the button **▶||** , following this with another long press of **▶||** button. In doing so, the hour will flash, press VOL+/VOL- to change the hour. Another short press of the **▶||** button will cause the minute to flash, press VOL+/VOL- to change the minute.

V. Auxiliary Input Mode

A. Press the Mode button until "AUX" appears on the LCD screen.

B. The use of auxiliary mode allows you to play a portable music device through the headphone jack. A separate auxiliary adaptor will enable you to do this (Prospect part, SEAMINI2).

VI .Optional Accessories



1. **POWER** button
Press the button to turn on or off the power.
2. **VOLUME+** button
Press this button to increase the volume.
3. **▼** button
Press this button to play previous track or previous station.
4. **BAND** button
In the radio mode, press this button to go circularly as shown:FM1-FM2-FM3-MW1-MW2
In normal playing condition,press this button to change mode.
5. **VOLUME-** button
Press this button to decrease the volume
6. **MODE** button
Press MODE to select different mode.
7. **▲** button
Press this button to play next track or a next station.

D. To skip to a specific track, press APS button until track number blinks, then use the VOL+ or VOL- button to go up or down. After that, long press MODE/SEL button to accept and play.

IV. Bluetooth Operation

- A. Turn Bluetooth option on in your device.
- B. Long press the MODE button on the stereo until "BT PAIR" appears.
- C. Long press the MODE button again till "BT PAIRING" displays.
- D. Pick the "wave" option on your Bluetooth enabled device (please note that if you are prompted for a password , the code entered will be "0000" (zero). A higher pitch frequency noise will alert you to the connection success.
- E. Press **▶||** button to play song, press **▶||** again to pause the track.
- F. A short press of the **▶▶** and **◀◀** buttons will track up or track down respectively.
- G. Certain portable music devices may very well implement their own set of instructions for pairing, so when in doubt/confusion, please consult your portable media's instruction.