

Siurarism

Operation Manual

Marine Receiver



AR-WP-P1

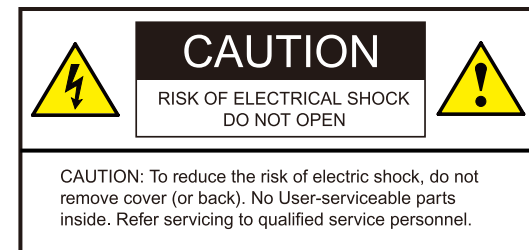
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AR-WP-P1 Troubleshooting

Symptom	Diagnosis	Solution
No POWER	Check and make sure whether the plug and buckle on the power cable is properly inserted or fastened. Check and make sure whether the fuse on the power cable is blown or damaged.	If the plug and buckle on the power cable is not properly inserted or fastened , reinsert it or fasten the buckle. Replace fuse with proper value if necessary.
No sound from the speaker	During playback, suddenly there's no sound from speaker, and don't work when adjust the volume.	Check and make sure whether the power amplifier in the system setting is turned off. If turn off, enter SETUP menu -AUDIO-INTERNAL AMP, set it "ON" option.
Inproper sound output from ZONE 2	Sound output of ZONE 2 can be set to subwoofer and full range output. Check whether the improper output is caused by a change in output settings.	Enter SETUP menu-AUDIO -ZONE 2, set it "SUBWOOFER" or "Full Range" option as per your required. Also check SETUP menu-AUDIO -CROSSOVER under ZONE 2 LPF setting, select your required option like 60Hz, 80Hz, 120Hz or APF.

Safety Guidelines



WARNING-To reduce the risk of electrical shock, do not remove cover (or open unit). **NO USER SERVICEABLE** parts are inside.
Refer servicing to **QUALIFIED SERVICE PERSONNEL**.

The design and manufacture of this player takes personal safety into consideration. However, any improper operation may result in electric shock, fire, or other hazard.

DO NOT open the cabinet by yourself to prevent electric shock. Please contact a professional technician to preform any service needed. Please use only components recommended by factory when replacement is necessary.

Please turn unit off when not in use. Use a dry, soft cloth to clean face with the system turned off.

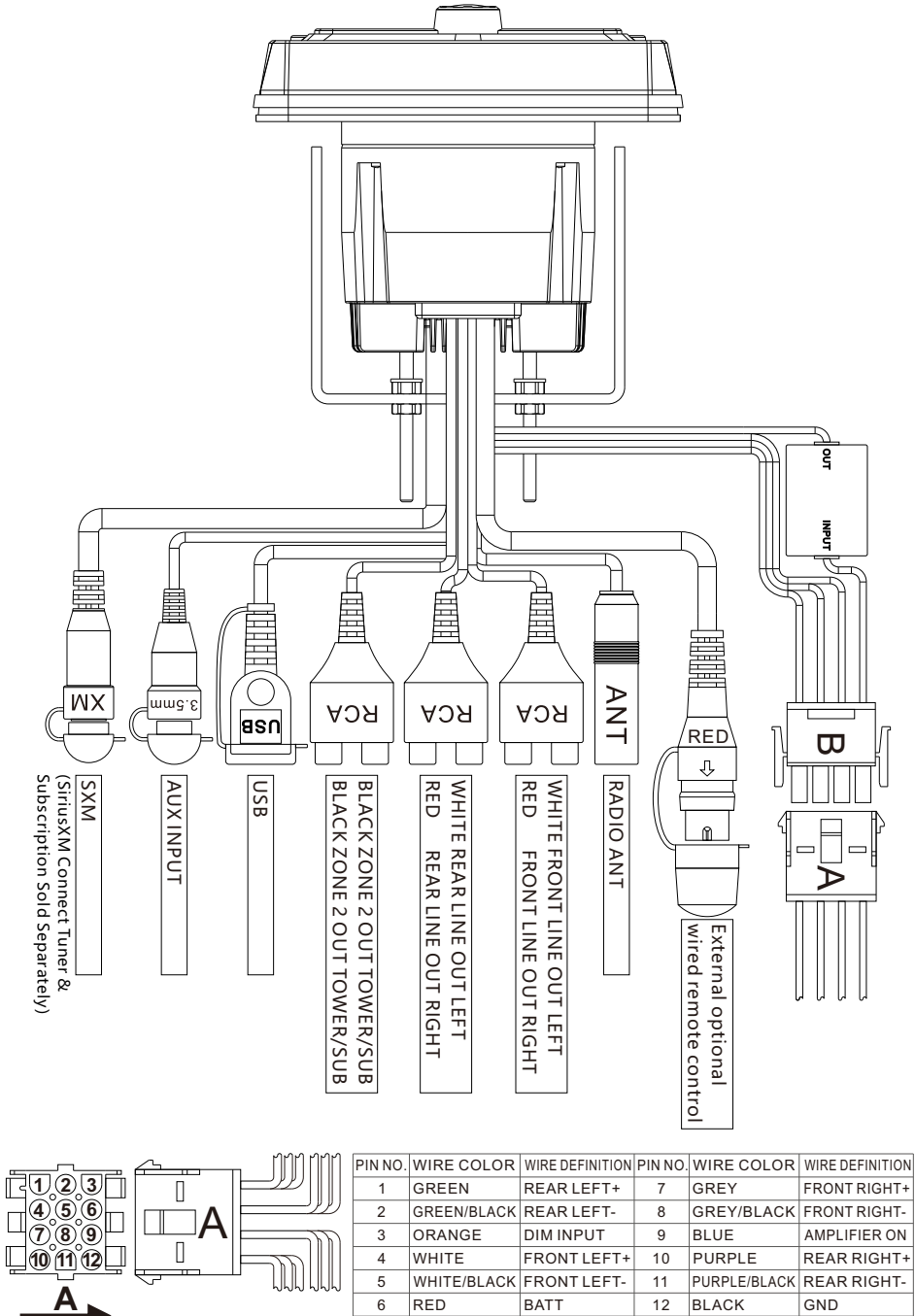
AR-WP-P1 Technologies

- AM/FM/Weather Band Tuner.
12 preset FM stations and 6 preset AM stations available to select.
6 preset Weather Band.
FM with RBDS.
- BT Streaming Input
BT streaming playback and support APPLE.
- SiriusXM-Ready Input
SiriusXM Connect Tuner and Subscription sold separately.
- USB Input
USB streaming playback and support APPLE.
- Auxiliary Input
3.5mm headphone jack stereo input.
- 2.7" Ultra Bright Full Color TFT display.
- 4 x 50W @ 2Ω Max Output via Internal Power Amplifier.
- Front & Rear Preamp RCA Outputs.
- Front Panel Mounted Independent Secondary Zone Control
Full Range or Subwoofer RCA Outputs.

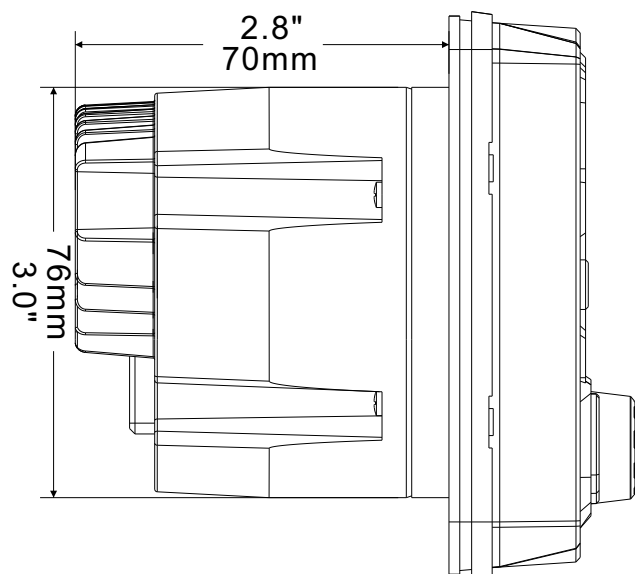
NOTE:

- Simple & Secure BT Pairing for Android & iOS (A2DP/AVRCP 1.4).
- Displays Album Art via Compatible Devices.
- Playlist & Folder Browsing via BT or USB Connection.
- Day/Night Illumination & Dimming
- Accepts the External Optional Transom Remote if availble

AR-WP-P1 Wiring Diagram



AR-WP-P1 Dimensions



AR-WP-P1 Features



- ①. **POWER/MUTE**

Press & hold this button for power on/off.
Short press this button to **MUTE/UNMUTE** the volume of all zones.
The unit will confirm the volume is muted in the display.
- ②. **SETUP**

Press this button to enter the unit SETUP menu.
- ③. **MENU**

Press this button to enter the current input source mode menu.
- ④⑤. **ZONE2- / ZONE2+**

Decrease / Increase the output sent to the ZONE 2 preamp outputs.
NOTE – the main volume control will still override final output of Front, Rear & Zone 2 outputs.
- ⑥. **Control KNOB**

This allows adjustment of Main Volume, as well as making selections when the SETUP and MENU features are being used.
- ⑦⑧. **PREVIOUS / NEXT**

In BT or USB mode, this will go back to the previous / next track.
In Radio mode, Short Press the buttons to automatically seek the next strongest station either up or down. Press & hold the same buttons to manually tune either up or down.
- ⑨. **PLAY/PAUSE**

In BT or USB mode, Press once for pause, once again for play.

AR-WP-P1 Features

10. **BAND**

In RADIO mode, Press this button, changing the tuner from FM1/FM2/AM/WB modes.

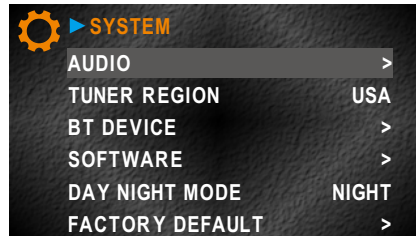
11. **SRC**

Press this button to bring up the source menu, rotate the knob, select the source you want to enter, and press the knob to enter the selected source.

AR-WP-P1 System Setup

Press  button to enter the system settings menu.

Allows access to controls that affect system setup of the unit. Rotate the KNOB until the desired function is highlighted, then depress the KNOB for access.



1. **AUDIO**

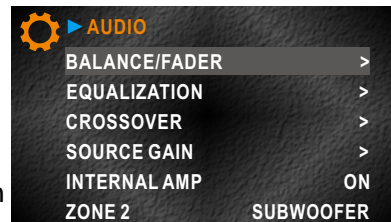
Allows access to the following audio adjustments.

BALANCE/FADER: Allows adjustment of the Balance (Left/Right) and Fader (Front Rear) of the main outputs – both powered & pre-amp. Rotate the KNOB to highlight the desired function, depress the KNOB then rotate the KNOB to adjust the function.

EQUALIZATION: 7 different factory equalization settings for the 7 Band equalizer. Also available is CUSTOM setting, allowing the user to set their own equalization curve. Rotate & depress the KNOB to select one of 7 the bands of equalization, rotate the KNOB to adjust.

CROSSOVER: Select to allow adjustment of the Crossovers.

FRONT HPF / REAR HPF This controls the frequencies which are allowed to pass through the **FRONT / REAR** outputs – both powered and pre-amp. Choosing 60Hz, 80Hz, or 120Hz means that all frequencies below those will be blocked from passing. Choosing All Pass Filter will allow all frequencies to pass through the front outputs.



AR-WP-P1 Function Operation

CHANNEL The CHANNEL option to select this feature. This feature displays a complete listing of channels.

CATEGORY The CATEGORY option to select this feature. This feature allows you to search channels based on their CATEGORY type.

DIRECT TUNING The DIRECT TUNING option to select this feature. This feature allows you to directly tune to a channel if you already know the channel number. Rotate the encoder until you reach the desired numeral and press to enter your selection. Repeat until the channel number is completed.

PARENTAL CONTROLS The PARENTAL CONTROL option to select this feature. This feature allows you to easily lock and unlock channels with mature content. To turn this feature on, short press the encoder on PARENTAL CONTROL to select. You will be asked to enter a code to activate it. Enter "1111" for your code. Once the code is entered correctly, this will give you access to the PARENTAL CONTROL features (Lock Channels>Change My Code). Use the encoder knob to scroll through the options and short press to select.

AR-WP-P1 Function Operation

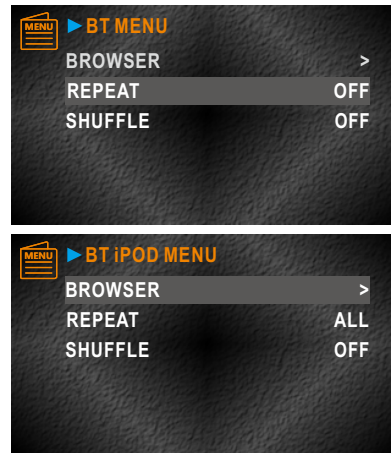
3. BT OPERATION

In BT mode, Press **MENU** button to enter the BT menu.

BROWSER Only using iPod devices, press this to display all the selections available via the BT IPOD input. Rotate the KNOB to highlight, then depress the KNOB to choose your selection.

REPEAT Choose between repeating ONE selection, only the selections in the current FOLDER or ALL selections available.

SHUFFLE Choosing between ON/OFF to enable random order play of only the current FOLDER or ALL selections available.



4. SXM OPERATION (If SXM of your vehicle is available)

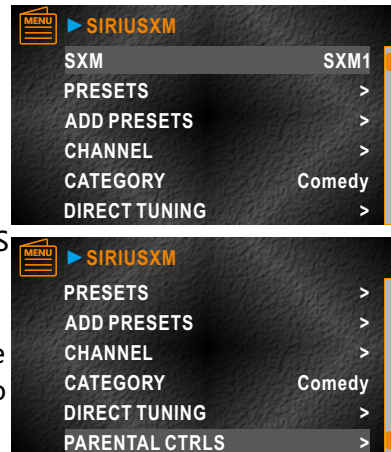
Only SXM brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial free music, plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. SXM Connect Tuner and Subscription are required.

In XM mode, Press **MENU** button to enter the SIRIUS XM menu interface.

SXM Short press the KNOB button to access the SiriusXM PRESET options (SXM1>SXM2>SXM3).

PRESETS The PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

ADD PRESETS The ADD PRESETS option. You will need to be on both the channel and PRESET group you want to add first (SXM1>SXM2>SXM3). Using this feature allows you to save channels to the unit. Once selected, use the rotary KNOB to select the PRESET number (1-6) you want the channel saved to.



AR-WP-P1 System Setup

ZONE 2 LPF this control is only available when the ZONE 2 output is set to SUBWOOFER. This controls the frequencies which are allowed to pass through the ZONE 2 outputs – which are mixed mono & pre-amp only. Choosing 60Hz, 80Hz, or 120Hz means that all frequencies above those will be blocked from passing. This would be ideal for an amplifier driving a subwoofer or a self-amplified subwoofer. Choosing All Pass Filter will allow all frequencies to pass through the ZONE 2 Outputs. This would be ideal for an amplifier driving a set of Tower Speakers.

SOURCE GAIN: Often times the output of different sources varies widely, resulting in an abrupt volume change when switching from one source to another. This setting will compensate for that variance by allowing adjustment of the output of each source input individually with a range of -3dB to +3dB.

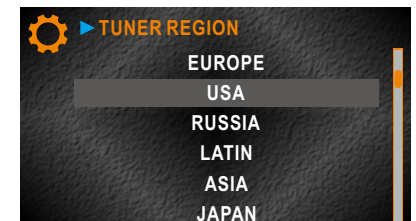
INTERNAL AMP: When bypassing the AR-WP-P1's internal amplifier and using solely external amplifiers, set this control in the OFF position for greater efficiency.

ZONE 2: This control changes the label of the ZONE 2 Output to either FULL RANGE or SUBWOOFER.

NOTE - this only affects the label shown on the MC-2 display when the ZONE 2 front panel controls are adjusted. To adjust the actual crossover settings, refer to the crossover controls above. The ZONE 2 output is always a mixed mono output - even when in FULL RANGE.

2. TUNER REGION

The unit is defaulted to receive broadcasts in the USA region, but Russia, Latin America, Asia, Japan, Middle East, Australia & Europe regions are also available through this setting.



3. BT DEVICE

The default Bluetooth name for this device is AURARISMP1, which can be changed here.

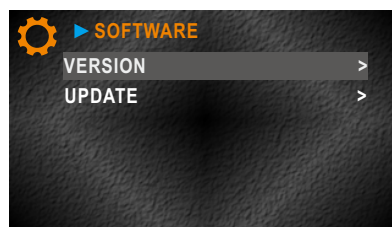


AR-WP-P1 System Setup

4. SOFTWARE

VERSION: Displays the software version of the current device.

UPDATE: You can upgrade the software through USB in this option.



5. DAY NIGHT MODE

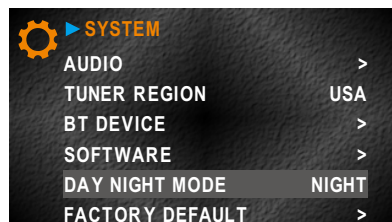
Allows the ability to scroll through the display options of

DAY (white screen/black characters)

NIGHT (black screen/ white characters) or **AUTO**.

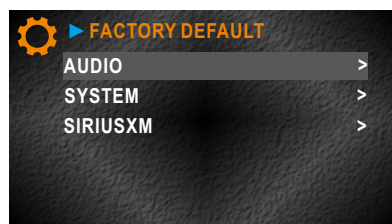
In AUTO mode, the display is in DAY mode until the vehicle's lights are turned on, then the display goes into NIGHT mode.

PLEASE NOTE – in order for the AUTO function to operate properly, the Orange wire in the unit harness labeled DIM INPUT must be wired to a circuit in the vehicle that gets +12V whenever the main lighting switch is turned on.



6. FACTORY DEFAULT

Selecting this will return all settings of the unit back to the original.



AR-WP-P1 Function Operation

1. TUNER OPERATION

In RADIO mode, Press **MENU** button to enter the TUNER menu interface.

PRESETS Press PRESET to display what stations are set, then rotate the KNOB to highlight a selection, then press the KNOB to select that station.

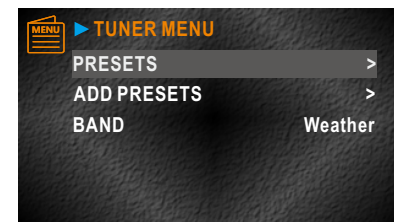
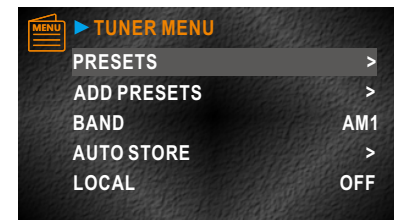
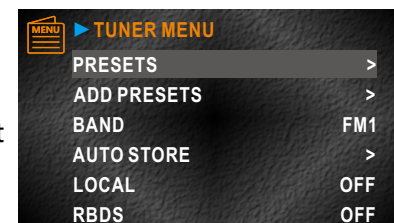
ADD PRESETS Allows the manual addition of station presets.

BAND Choose from FM1 (6 presets); FM2 (6 Presets); AM (6 Presets); and Weather Band (6 Presets).

AUTO STORE Will automatically store presets into the BAND currently being used.

LOCAL Select ON/OFF to enable the unit to narrow tuning to local stations only.

RBDS Select ON/OFF to enable or disable the Radio Broadcast Data System. Note – not all FM radio stations support RBDS, so availability of this feature may be limited.



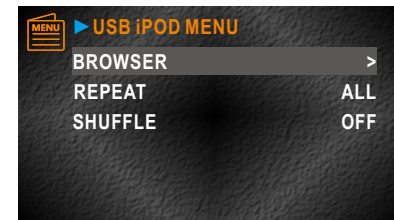
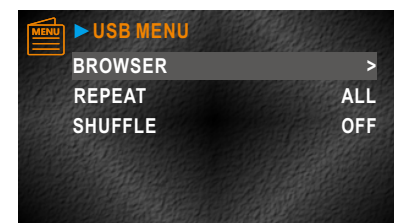
2. USB OPERATION

In USB mode, Press **MENU** button to enter the USB menu.

BROWSER Press this to display all the selections available via the USB input. Rotate the KNOB to highlight, then depress the KNOB to choose your selection.

REPEAT Choose between repeating ONE selection, only the selections in the current FOLDER or ALL selections available.

SHUFFLE Choosing between ON/OFF to enable random order play of only the current FOLDER or ALL selections available.



CAUTION:

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

CAUTION:

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

FCC Statement:

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.

RF exposure compliance statement:This device has been evaluated to meet the general RF exposure requirement.