

**MILLENNIA PRV-20  
OWNER'S MANUAL**



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**Watertight Outdoor Multimedia System**

## XIII. TROUBLESHOOTING

Problems	Cause	Solutions
Power can't be turned on, no display	1. The positive and negative of the power reversely connected. 2. Fuse is blown or the wire of power is loose	1. Correct the connection. 2. Check the power and the fuse. 1. Use multimeter to check the power; connect the power wire well. 2. Connect the speaker wire well.
No sound	1. No power or no voltage 2. Loudspeaker wire is Broken.	Plug in the Antenna firmly stretch it well.
Sound not clear	1. The antenna not plug firmly	1. The lead wire of LCD is open, connect it well. 2. The frequency counter IC is broken, change it.
Monitor display fault or no display	1. The LCD no bright 2. Number display are not complete	

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### Outdoor Multi-Media Receiver Featuring:

- AM/FM
- Bluetooth Audio Streaming
- USB Input
- Auxiliary input x 2
- 4 x 45 watts
- Weatherproof face

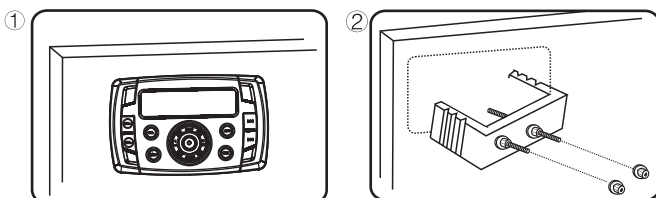
### Product Description:

This radio features state of the art technology allowing one to wirelessly stream audio from a Bluetooth enabled music source to the receiver you have just purchased. Why Bluetooth? From a practical standpoint, Bluetooth enables your music device to be placed in a glove box, your overhead console, or even your pocket, places that are dry. There are no docking stations needed and you can utilize not just one brand of media, but multiple brands.

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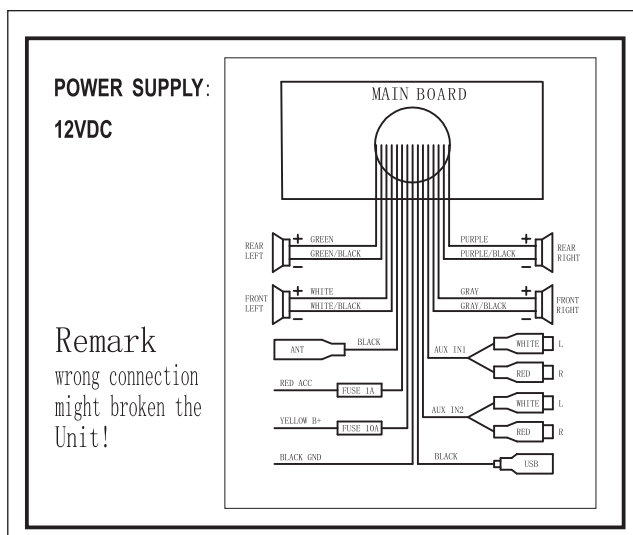
## X. INSTALLATION



Please install this unit in the place you prefer

Use the bracket and screw to fix the unit

## XI. WIRING



### 6. 1 ►►

Preset one while in AM/FM mode; Play/Pause button while in USB or Bluetooth mode.

### 7. 2/INT.

Preset two while in AM/FM mode; "Introduction" mode while in USB or Bluetooth. Introduction refers to the unit's ability to play the first 10 seconds of each track located on the music device.

### 8. 3/RPT.

Preset three while in AM/FM mode; "Repeat" mode while in USB or Bluetooth. Repeat refers to the unit's ability to repetitively play the existing track.

### 9. 4/RDM.

Preset four while in AM/FM mode; "Random" mode while in USB or Bluetooth. Random refers to the unit's ability to randomly sequence and play songs from the music device.

### 10. ►►

This symbol refers to track up; this symbol also refers to fast forward.

### 11. ◀◀

This symbol refers to track down; this symbol also refers to rewind.

## III. RADIO OPERATION

1. Press BAND to access AM and FM. There are three FM bands and two AM bands each consisting of four channels.
2. APS Button. Pressing this button will ask the unit to find 4. of the strongest stations without the user having to search for stations. This is especially useful in areas that are new. In doing so, the unit will also program those into the memory.
3. Manual vs Automatic Tuning. Automatic-quick Press ►► or ◀◀ to search for a station of sufficient signal strength. Manual- hold down ►► or ◀◀ to search for a known channel.

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## I. Front Panel Layout



## II. Front Panel Layout Description

### 1. VOL+/VOL-

Press VOL + to increase the volume of the receiver; press VOL- to decrease the volume.

### 2. SEL.

This button "Selects" a variety of commands, to be mentioned throughout the owner's manual.

### 3. MOD.

The Mode button switches between FM, Auxiliary, USB, and Bluetooth.

### 4. APS.

This mode scans stations of sufficient strength and stores them as pre-sets.

### 5. POWER.

Turns the unit on/off.

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## XII. SPECIFICATIONS

### AM/FM SECTION

1 Frequency Range	FM:87.5-108 MHz AM:530-1710KHz
2 Intermediate Frequency	10.7MHz
3 Noise limit sensitivity	< 5uV
4 Intermediate Frequency Rejection	>50dB

### MP3 SECTION

1 S/N Ratio	>55dB
2 Frequency response	20-20KHz
3 Channel Separation	50dB
4 A/D conversion filter	16BIT

### AUDIO AND OTHER SECTION

Power Output	45W * 4(4 Ohms)
Power	DC 12V (car Battery)
Load Impendence	4-80hms/channel

## IV. USB OPERATION

- 1.Insert USB stick into USB slot. Note: Songs must be mp3 or wma.
- 2.Press **▶** button to play songs; press **▶** again to pause the track.
- 3.Track Selection. Quick press **▶▶** or **◀◀** to track up to the next song or to backtrack respectively. Long press **▶▶** or **◀◀** to fast forward or reverse the current track.
- 4.INT button. (INT stands for Introduction). Pressing this button will result in playing the first 10 seconds of each track located on the USB stick. Pressing this again will allow the unit to resume on the current track and therefore stop the introduction of succeeding tracks.
- 5.RPT button. (RPT stands for Repeat). Pressing this button will result in continually playing the current track.
- 6.RDM (RDM stands for Random). Pressing this button will result in random song playing.

## V. Bluetooth Operation

1.To pair/link your Bluetooth enabled device to the Milennia PRV20 receiver please conduct the following: 1) Turn the stereo to mode BT. 2) Pair your Bluetooth device. To accomplish this, go to your media device's Bluetooth settings and turn the Bluetooth to "on". Next, find the "HSD" option and connect. Allow a few seconds for the connection and you are ready to stream music from your device to the receiver! Please note, that if you are prompted for a 4 digit code for password identification, the code entered will be 0000.

2.Once you are paired, you can control track up and down and volume up and down of the portable media through the Milennia receiver.

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## VI. Auxiliary Input Mode

- 1.Press MOD button until you reach "AUX" mode.
- 2.Auxiliary mode allows one to play portable music device through the headphone jack.
- 3.There are 2 Auxiliary modes associated with this Milennia device.

## VII. Clock Adjustment

The time can either be kept in a standard 12 hour format or 24 hour format aka military time. To choose between the two cycles, while in FM mode, long press the SEL button, press SEL button again. Then, press volume up or down for a 12 hour cycle or a 24 hour cycle.

Once that is designated, to set the clock, the following must be completed: while in FM mode, long press the BND button. Follow this again with a long press of the BND button. In doing so, the hour will flash. (To change the hour, press volume up or down. ). Another long press of the BND button will cause the minute to change. (To change the minute, press volume up or down).

## VIII. U.S. and European Tuning

Turn of the unit first , then press button 4,3,1,2 one by one

## IX. BASS, TREBLE, BALANCE, and FADER

To adjust the above settings, press the Select button successvely and to adjust press the volume up or down button.