



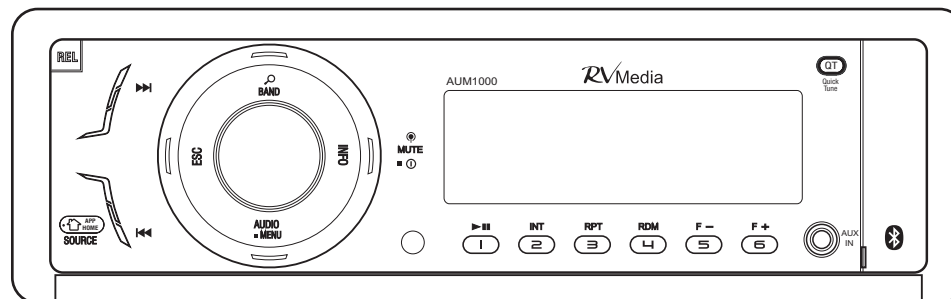
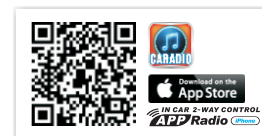
RVMedia

INSTRUCTION MANUAL

Model: AUM1000

Part Number: 041840

**MP3/WMA PLAYER/RECEIVER FOR RV's
2-WAY SMART PHONE APP CONTROL
BLUETOOTH STREAMING
QUICK TUNE RADIO STATION PRESET**



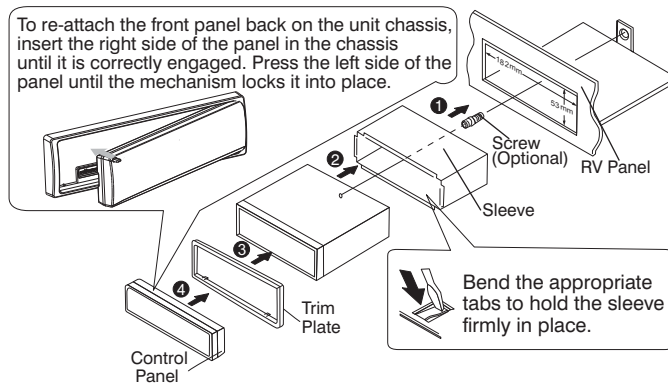
WMA MP3



1. INSTALLATION

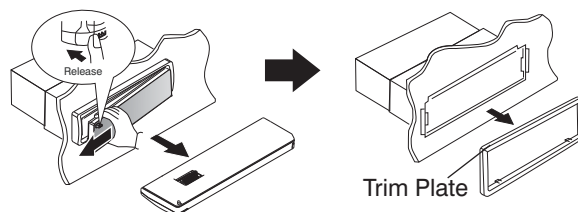
The following illustrations show a typical RV installation.

If you are not sure how to install this unit correctly, please have it installed by a qualified technician.



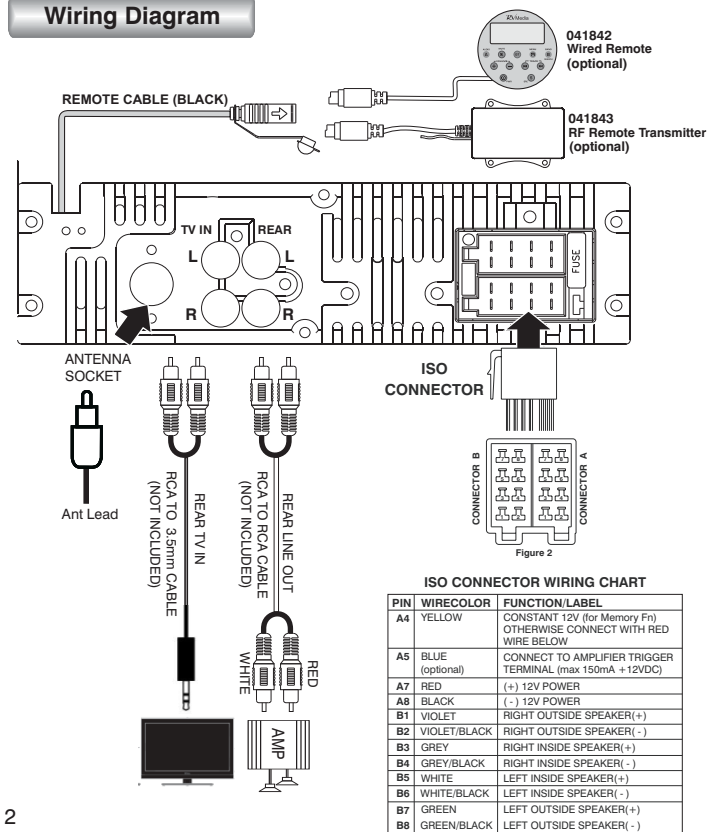
Removal of the control panel.

1. Press the Panel Release button.
2. Hold the left side of the panel then pull it to the left.
3. Pull the panel towards you to disengage it from the chassis.

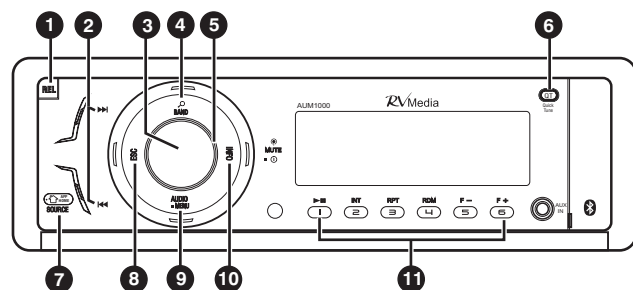


2. CONNECTING THE SYSTEM

Wiring Diagram



3. HEAD UNIT CONTROLS



No.	Item	Decriptions
1	REL(RELEASE)	Press this button to remove the control panel.
2	TUNE UP /DOWN	In tuner mode, press this button to access the Auto Seek mode, press and hold this button again to return to the Manual Seek mode.
2	FILE UP /DOWN	In USB/SD media playback mode, press these buttons to skip a track / file.
2	FASTFORWARD /REWIND	In USB/SD media playback mode, press and hold to fast forward/rewind.
3	MUTE	Press this button to turn the Mute function On/Off.
3	(POWER)	Press this button or any other button on the front panel (except Release) to turn the unit on. Press and hold this button again to turn the unit off.
4	BAND	Press this button to change between BAND FM1, FM2,FM3, AM1(MW1) or AM2 (MW2).
4	(SEARCH)	In USB/SD mode, press this button to activate the MP3 file search mode. Press this button once to enter the "Folder" search mode, to search for a folder on the USB, SD card or Smart Phone. Then press the Vol knob center button to start playing the 1st song of the selected folder.

4	(SEARCH cont'd)	<ul style="list-style-type: none"> Press this button twice to enter the file / song search mode in the current folder, then press the Vol knob center button to start the playback of the selected file / song. When in the Music Mode, pressing this search button will activate the app search mode. The search method may vary depending on which Music Player Apps you have on your Smart Phone.
5	VOLUME KNOB	Rotate the volume knob to increase or decrease the output volume.
6	QT(Quick Tune)	<ul style="list-style-type: none"> In the Tuner mode, press this button to access the Quick Tune mode. The six strongest stations of the selected band are saved in preset channels automatically: FM1,FM2,FM3(1-6),AM1,AM2. Press and hold this button to check the battery/ power supply voltage of your RV.
7	SOURCE	<ul style="list-style-type: none"> Press SOURCE button to select a different playback modes :RADIO, USB, AUX, MUSIC & APP MODE MUSIC MODE: Play the music files on the Smart Phone.
	APP HOME	<ul style="list-style-type: none"> APP MODE: Once APP mode is selected, you need to select manually which 3rd party Apps you want to play. This is done by adding the Apps to the CARADIO APP as a short cut. Note: APP mode will not automatically select or play any 3rd party Apps. Press & hold the "APP HOME" Button to switch control from the smart phone to the head unit. Use the volume knob to select the desired function on the smart phone & press the center of the volume knob to confirm the selection.
8	ESC	A short press of this button allows you to easily return to the previous menu or mode.

3. HEAD UNIT CONTROLS (cont'd)

No.	Item	Descriptions														
9	AUDIO	▶ Press this button to access the Audio Menu mode which allows you to adjust the following options: EQ(Preset Equalizer)/ xBAS(Loudness)/Zone/BAL(Balance)/BAS(Bass Level)/ TRE(Treble Level).														
	MENU	▶ Press & hold this button to access the Setup Menu.														
10	INFO	▶ Press this button briefly to display the Clock. ▶ In media playback mode, press this button repeatedly to display ID3 information: Track number and elapsed play time-> File-> Album-> Title-> Artist -> Clock.														
	PRESET NUMERIC BUTTONS	▶ In Tuner mode, press the Numeric buttons to recall the preset stations. Press and hold the Numeric buttons to store the current station. ▶ In media playback mode, press the Numeric buttons to perform the following functions:														
11		<table><tr><td>Number</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>Button</td><td>Pause/ Play</td><td>Intro Scan</td><td>Repeat</td><td>Random</td><td>Folder Up</td><td>Folder Down</td></tr></table>	Number	1	2	3	4	5	6	Button	Pause/ Play	Intro Scan	Repeat	Random	Folder Up	Folder Down
	Number	1	2	3	4	5	6									
Button	Pause/ Play	Intro Scan	Repeat	Random	Folder Up	Folder Down										

4. ADJUSTING THE SYSTEM MENU

Press & hold the MENU button to access the System Menu which allows you to adjust the following functions and settings:

► Quick Tune (Auto Store)

In Radio mode, push the Encoder Volume Knob to automatically store the six strongest stations in the current band.

► RDS ON / OFF

Rotate the Encoder Volume Knob to turn on / off RDS functions. RDS offers extra Radio functions when listening on the FM band. Note RDS functions are only available when the Tuner Area is set to AUSTRALIA

► PTY (Program Type)

Once you select the PTY mode, press Power/Mute button to enter the program type menu and rotate Volume Knob to select a category.

MUSIC CATEGORIES	TALK RADIO CATEGORIES
POP M , ROCK M	NEWS, AFFAIRS, INFO
EASY M, LIGHT M	SPORT, EDUCATE, DRAMA
CLASSICS, OTHER M	CULTURE, SCIENCE, VARIED
JAZZ M, COUNTRY	WEATHER, FINANCE, CHILDREN
NATION M, OLDIES M	SOCIAL, RELIGION, PHONE IN
FOLK M, A-TEST, ALARM	TRAVEL, LEISURE, DOCUMENT

► AF ON/OFF (Alternate Frequencies)

Rotate the Encoder Volume Knob to turn On / Off the AF (Alternate Frequencies) function. When AF is On, the unit will search for another station with a stronger signal, but with the same program identification and content as the current station. If a stronger station is found, it is tuned to automatically.

4. ADJUSTING THE SYSTEM MENU (Cont'd)

► TA ON/OFF (Traffic Announcement)

Rotate the Encoder Volume Knob to turn On/Off the TA (Traffic Announcement) function. In TA On mode, if there is a traffic announcement, the unit switches to the tuner mode (regardless of the current mode) and begins to broadcast the announcement on traffic conditions. When the traffic announcement is over, it will return to the previous mode. When TA Off, traffic announcements do not cut in.

► CT (RDS Clock Time) ON / OFF

Use this to turn on or off the automatic RDS Clock Time function.

► SEEK DX/LOCAL

This feature is used to designate the strength of the signals at which the radio will stop during automatic tuning. "DISTANT" is the default, allowing the radio to tune to a broader range of signals. To set the unit to select only strong local stations during automatic tuning, rotate the Encoder Volume Knob until "LOCAL" appears on the display.

► AREA (Tuner Frequency Spacing)

This option allows the selection of the frequency spacing appropriate for your area. "AUSTRALIA" is the default setting. Rotate the Encoder Volume Knob to select the EUROPE, ASIA, MIDDLE EAST, AUSTRALIA, RUSSIA, U.S.A, LATIN, JAPAN options.

► CLOCK (Set the Current Time)

The time on the clock will default to 12:00 when power is connected to the unit. To set the current time, rotate the Encoder Volume Control clockwise to adjust minutes and counter clockwise to adjust the hours.

► CLOCK 24H / 12H

Rotate the Encoder Volume Knob to select your preferred clock format: 12H or 24H.

► BEEP ON/OFF (Beep Tone)

The beep tone feature allows the selection of an audible beep tone to be heard each time a button is pressed on the face of the radio. "Beep Tone On" is the default setting. Rotate the Encoder Volume Knob to select the "Beep Tone Off" option.

► BT MODE

Use this function to check if Bluetooth is connected or disconnected - BT STATUS.

► BAT (Voltage)

Select this function to check your battery/power supply voltage.

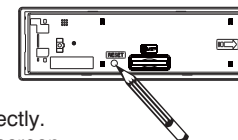
RV Clock Screen Saver

- In Radio mode, if no buttons or functions are operated for 30 seconds, the LCD will revert to the Clock display, as this is more useful in an RV.

RESETTING THE UNIT

You can reset the unit to its default setting.

- The RESET button is located on the main unit (as shown in the diagram below). Pressing it vertically with a ballpoint pen or thin metal object will reset the unit to its default factory settings.
- The reset button can be used in the following circumstances:
 1. Initial installation of the unit when all wiring is completed.
 2. The Function buttons do not operate correctly.
 3. An Error symbol is displayed on the LCD screen.



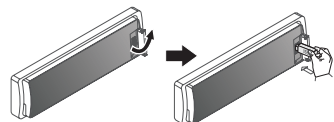
5. EXTERNAL CONNECTION AND MEDIA PLAYBACK

MP3 & WMA music files are an audio compression formats. This unit can play MP3 & WMA files directly from a USB Stick or SD Card.

USB DEVICE OPERATION

▶ Inserting the USB Device

1. Open the cover marked **USB** on the front panel.



2. Insert the USB device into the USB socket. Then press Source button to select USB mode to start playback.

▶ Removing the USB Device

Before you remove the USB device from the front panel, always remember to switch off the unit's power then remove the USB device.

IMPORTANT NOTE

USB & SD input options will only be available in the Source menu when they are inserted & contain MP3 or WMA files.

SD CARD OPERATION

▶ Inserting the Memory Card


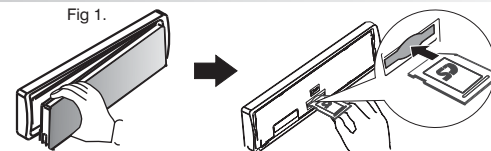
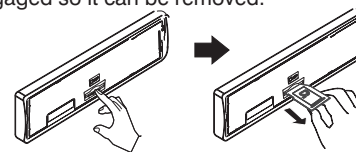
1. Press the release button  to unlock the front panel.
2. Holding the left side of the panel, slide it to the left then pull the panel towards you to disengage it from the chassis (see Fig 1).
3. Insert the SD card into the card slot in the correct direction until a "CLICK" sound is heard,
4. Reinstall the front panel in reverse order to point 2, then press the Source button to select SD mode and start playback.

Fig 1.



▶ Removing the SD Card

Turn the unit off. Press the card until you hear a click sound. The card is now disengaged so it can be removed.



CONNECTING A TV USING REAR TV IN

You can significantly improve the sound quality of your TV - especially for movies & music if you direct your LCD TV's output through your RV's Audio system. To do this, the TV will need to have an audio output socket - which in most cases is the headphone socket.

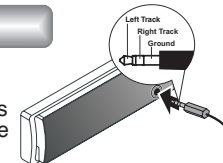
▶ Connecting the TV's Audio Output

Using an optional 3.5mm to RCA cable, connect it between the headphone socket of the TV and the Rear RCA TV Input. Select "TV IN" via the source button to listen to your TV through the RV's Audio System





CONNECTING FRONT AUX IN

Connect the external signal to AUX in jack located at the front of the panel, then press the Source button to select Aux mode. Press the Source Button again to cancel Aux Mode and return to the previous mode.



6. BLUETOOTH OPERATION

ATTENTION

- ▶ For NORMAL Bluetooth pairing/connection NOT USING the compatible App (), Please refer to the related Bluetooth sections below.
- ▶ For Bluetooth pairing/connection using the current compatible Caradio App ( - Android or iPhone version), please refer to the Quick Start Guide (QSG) included with this unit.

Audio Streaming A2DP (Advanced Audio Distribution Profile)

You can listen (or stream) music files from an audio device on this unit if the audio device supports Bluetooth A2DP (Advanced Audio Distribution Profile) Technology. Please read the instructions below for information on the Bluetooth Audio streaming functions of this unit.

▶ Pairing a Bluetooth Audio Device With This Unit

Before using audio device to play music on this unit, the audio device must be paired first. Please follow the steps below to pair the units:

- (1) Turn on Bluetooth in the device to be paired settings menu.
- (2) Search for "RVMEDIA" and select it.
- (3) Enter the Pin code "0000" to pair the device.
- (4) The device & RV Media head unit should now be paired.
- (5) Whenever your RV Media head unit is powered up in future, it should automatically reconnect to your device. If not, follow the steps above.

▶ Listening To Music From a Bluetooth Audio Device

- (1) Connect this unit with the Bluetooth audio device.
- (2) Press SOURCE button repeatedly until "BT AUDIO" appears on the display.
- (3) Once in "BT AUDIO" mode, you can use the audio device to start playback of the song via Bluetooth wireless with this unit. Note you may need to adjust the volume on your Bluetooth device to match the output level of other sources on your RV Media head unit.

IMPORTANT: To listen Bluetooth audio streaming from the audio device, you **MUST** select the "BT AUDIO" source first. Any other source or input modes of this head unit are unable to activate the Bluetooth audio streaming (A2DP) function.

CONNECTION NOTE

If the audio device has lost Bluetooth connection with the head unit or no device is connected, when the source mode is changed to "BT AUDIO", the display will show "NODEVICE". In this instance, you may need to re-pair the unit using the instructions on the opposite page.

PLAYBACK NOTES

1. When "BT AUDIO" is selected on the head unit, some audio devices (providing they are already paired) may start music playback automatically. For some devices such as Smartphones & Tablets, you may need to open the 'Media 'Player' to start music playback.
2. If auto playback is not supported by the device, please refer to the on the audio device then please refer to the instruction manual of the the device's manual on how to perform music playback via Bluetooth technology.
3. Depending on the type of Bluetooth Device you have, you may also be able to stream audio directly from Apps such as, but not limited to, Pandora, Spotify, TuneIn radio - plus commentary from sporting apps etc! Generally this may mean selecting the desired audio output on the device (eg Speaker, Headphones or Bluetooth etc). Please consult your device user manual for further clarification.

6. BLUETOOTH OPERATION cont'd

► Operating an audio device with this unit AVRCP (Audio Video Remote Control Profile)

This unit can perform the following operations with the connecting Audio device which supports AVRCP (Audio Video Remote Control Profile).

- (1) Automatic Playback - every time you select the "BT AUDIO source", this unit will automatically send a "PLAY" command via AVRCP to the audio device activate automatic playback.

NOTE

The PLAY command may differ depending on the Audio device. If the Audio device is not able to automatically start playing the song after the "BT AUDIO" mode is selected, you may need to manually start playback on the audio device.

- (2) Track up/down - by pressing the Track up/down buttons on this unit.
- (3) Pause/Play – by pressing the Pause / Play button on this unit.
- (4) Volume up/down – by rotating the Encoder Volume Knob on this unit.
- (5) Audio Mute – by pressing the Mute button on this unit.
- (6) Stop playback – by changing to another source on this unit.


NOTE

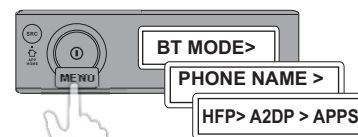
AVRCP operation may differ depending on the Bluetooth audio device. All other device controls apart from those listed above should be performed on the audio device itself.

► Disconnecting An Audio Device From This Unit

You can close the Bluetooth Audio connection by disconnecting the audio device.

CHECKING THE BLUETOOTH CONNECTION STATUS

- 1) If the Bluetooth icon  is illuminated on the LCD display, this indicates it is connected with the Bluetooth audio device.
- 2) You can check the profile connection status by selecting the unit's the System Menu and scrolling through to "BT MODE". The following information will scroll through on the LCD display:
 - Connected (and device's name where applicable).
 - "A2DP" --> Audio Streaming Profile is connected.
 - "APPS" ---> APPS Profile is connected.



NOTE

if "APPS" is not displayed on the LCD screen, this means the 2-Way App control is not connected. Make sure you open the "CARADIO" app on your device and if there is still no connection please try reconnecting Bluetooth.

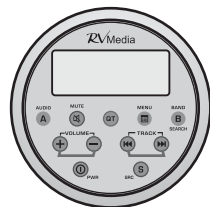
7. OPTIONAL ACCESSORIES

RF Wireless Remote p/n: 041843



Our exclusive RF Remote lets you control your RV Media unit from anywhere up to 10M outside your RV!. Operates like a car alarm remote - ie you don't have to point it at the RV Media head unit to operate it.

Waterproof Wired Remote Control with LCD Display p/n 041842



Our optional Wired Remote controls all functions of your RV Media head unit and includes an LCD display showing settings, song titles etc. Ideal for use internally near the bed etc or for external access areas. Fully waterproof.

Connection Accessories

RV Media Y-Adaptor. This lead allows you to connect two remote controls to your RV Media head unit - eg 2 Wired, or one Wired & one RF Wireless. P/n: 041844

RV Media 6M Extension cable. This is an extension cable for the wired remote to allow it to be mounted a long way from the head unit. P/n: 041846

8. TROUBLE SHOOTING

Before going through this list, please check all wiring connections. if any of the problems persist after reviewing this check list, please consult your nearest RV Media dealer.

No power or no sound

- Check power is being supplied to the unit.
- Check that all cables, including speaker connections are properly connected.
- Check the Fuse and replace only after you have checked the wiring for errors or shorts.
- Volume is set to minimum. Adjust volume to a desired level.
- If the above suggestions do not help, press the RESET button. (See E-5)
- Ensure that the track played is of a compatible file format.

Cannot read USB/SD card.

- Please ensure the media is formatted to FAT32 format. This unit will not play devices that are formatted NTFS

9. SPECIFICATIONS

Power Supply	12 V DC (11-14 V), Negative Ground
Fuse	15A
Suitable Speaker Impedance	4 - 8 Ω
Power output	50W x 4 channels max
Pre-AMP output voltage	2.0 V (USB play mode; 1KHZ, 0dB, 10 k Ω load)
Aux-In level	\geq 300mV

Radio

-FM	
Frequency Range	87.5 - 108MHz
Usable Sensitivity	Better than 10dB at S/N 30dB
-AM(MW)	
Frequency Range	522 - 1620KHz
Usable Sensitivity	Better than 45dB

Bluetooth

Output power	0dBm (Class II)
Frequency band	2.4000GHz-2.4835GHz ISM Band
Range	Up to 10 meters (free space)
Standard	Bluetooth 2.0 specification

10. SUPPORTED FORMATS

USB Host	Host 1.1 compatibles 2.0
Memory card	
Support type of memory card	SD/SDHC Memory card
MPEG1/2/2.5/	Layer 2/3
Supported sampling frequencies:	32KHz, 44.1KHz, 48KHz
MP3 bit rate(data rate)	8~320Kbps and variable bit rate
ISO9660, Joliet	
Number of files	maximum 999
Max Directory Depth	10
Sorting Method	Tree sorting
Max File/Directory Name	64Byte
ID3 tag	V 2.0 or later
Maximum length of file name: 28 characters.	



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