



# XRM47RGB

## Quick Start Guide

### Digital Media Receiver

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To download the complete, model-specific manual, please visit <https://www.dualav.com/manuals-and-firmware> or call 1-866-382-5476, 9AM-5PM EST (Monday-Friday).

## Installation

- Before You Start**
- Consult a qualified technician for instructions. Dual always recommends professional installation.
  - Disconnect negative battery terminal.
  - Insert the removal keys, and remove the mounting sleeve from the head unit.

- Installation Process**
1. Carefully remove the existing head unit. (if applicable)
  2. Connect wiring harness. Consult a qualified technician if you are unsure.
  3. Mount the head unit using the mounting sleeve.
  4. Connect wiring harness and antenna. Test the head unit for correct operation.
  5. Slide the radio into the mounting sleeve to secure the radio.

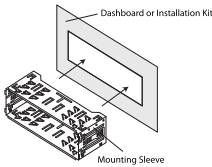
**Wiring Connections**  
The chart below the connection for each wire in the wiring harness.

| Color        | Connection                  |
|--------------|-----------------------------|
| Red          | Ignition / ACC 12V(+)       |
| Yellow       | 12V Battery / Memory        |
| Black        | Ground                      |
| Blue         | Power Antenna / Amp Turn-on |
| White        | Left Front (+)              |
| White/Black  | Left Front (-)              |
| Gray         | Right Front (+)             |
| Gray/Black   | Right Front (-)             |
| Green        | Left Rear (+)               |
| Green/Black  | Left Rear (-)               |
| Violet       | Right Rear (+)              |
| Violet/Black | Right Rear (-)              |

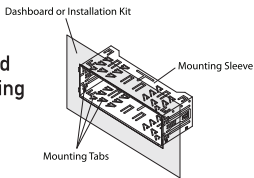
**Tip:**  
When a suitable ground wire is not present in the vehicle wiring harness, connect the black ground wire to the vehicle chassis.

**Fuse:**  
When replacing the fuse, make sure new fuse is the correct type and amperage. Using an incorrect fuse could damage the radio.

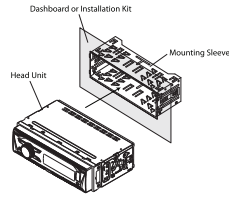
### Mounting the Head Unit: Typical DIN mounting



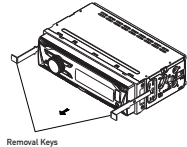
**Step 1:**  
Insert the mounting sleeve into the installation kit or dashboard.



**Step 2:**  
Bend multiple mounting tabs around the mounting sleeve until the mounting sleeve is secure.



**Step 3:**  
Connect all wiring harnesses and slide the head unit into the mounting sleeve until it clicks into place.



**Step 4:**  
Use the removal keys to remove the unit.

## General Operation

|                   |   |
|-------------------|---|
| Power On/Off      | Press the  button to turn the unit on. Press  again to turn unit off.   |
| Changing Modes    | Press <b>SOURCE</b> to select between Radio, USB, Bluetooth, AUX. Modes of operation are shown in the display.  |
| Volume            | Adjust volume using volume knob.  |
| Mute              | Press  to silence the audio. Press  again to resume listening at the previously selected volume.  |
| Auxiliary Input   | Use the 3.5mm AUX input on the front of the receiver  |
| Reset             | Press the <b>RESET</b> button to reset the unit back to the factory settings if abnormal operation occurs. The reset button is located on the front panel.  |
| Setting the Clock | With the unit on, press <b>DISP</b> to display clock time. Press and hold <b>DISP</b> until the hours or minutes begin to flash, then release. Rotate the <b>volume knob</b> to adjust the time.  |
| Display           | Press <b>DISP</b> to toggle display between various displayed information.  |
| Audio / Menu      | Press volume knob momentarily to select between the audio functions. Press and hold volume knob for more than two seconds to select between the menu functions. Rotate the volume knob left/right to adjust or activate the desired function/audio. |

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## RGB Color Operation

|                        |   |
|------------------------|---|
| Dimmer                 | Press the <b>DIM (button)</b> to adjust the dimmer level for the buttons and LCD and turn the volume knob left or right to <b>dim HIGH(default)/MID/LOW</b> .   |
| Quick Preset Color     | Press the volume knob while the dimmer level is being displayed to select one of 7 preset colors.   |
| Setting the Color Mode | Press and hold the volume knob for more than 2 seconds to enter color setting menu. Turn the volume knob <b>left and right</b> to select <b>Color Auto(default)/Preset/Custom/Flash mode</b> . Press and hold the volume knob for more than 2 seconds again to enter each color mode.   |
| Auto Color             | Set the unit to rotate between all illumination colors automatically.   |
| Preset Color           | Select one of the 7 colors (Blue/Green/Red/Yellow/Violet/Cyan/White).   |
| Custom Color           | Adjust each red, green and blue in the range of 0-32 to customize your colors for over 32K combination.   |
| Flash Color            | <b>IMPORTANT NOTE:</b> Adjusting each red, green and blue level to 0 will turn off all the lights on the LCD and buttons. To turn the lights back, press <b>DIM (button)</b> and change the color again in the color setting.<br><br>Select one out of six different color and flash effect lights or turn it off.<br>Flash lights will be demonstrated for about 30 seconds, and back to setting mode.<br>The adjusted color will be flashed when there is an incoming Bluetooth call. |

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## AM/FM Tuner Operation

|                   |   |
|-------------------|---|
| Seek Tuning       | Press and hold <b>TUNE ◀◀</b> or <b>TUNE ▶▶</b> for 2 secs and release it to auto seek to previous or next strong station.  |
| Manual Tuning     | Press <b>TUNE ◀◀</b> or <b>TUNE ▶▶</b> momentarily to change radio frequency down or up one step at a time. Press and hold <b>TUNE ◀◀</b> or <b>TUNE ▶▶</b> for 3 secs to advance quickly and release it to stop on the desired station.    |
| Band              | Press <b>BAND</b> to select between FM1, FM2, FM3, AM1 and AM2 bands. Up to six presets can be programmed for each band, enabling up to 18 FM stations and 12 AM stations to be stored in memory.   |
| Storing Presets   | Up to 18 FM and 12 AM stations can be stored. To store a station, select the desired band and station. Press and hold the desired preset button (1-6) for more than two seconds. When stored, the preset number will appear in the display. |
| Recalling Presets | Preset stations can be recalled any time by pressing the corresponding preset button.   |
| Auto store        | Press and hold the volume knob for more than 2 seconds to display Auto Store, then press <b>DISP</b> to store 18 FM stations and 12 AM stations automatically.  |

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## USB Operation

|                            |  |
|----------------------------|--|
| Playing MP3 and FLAC Files | To play MP3 files, insert a USB device containing MP3 files.   |
| Track Select               | Press <b>TUNE ▶▶</b> to skip to the beginning of the next song. Press <b>TUNE ◀◀</b> to skip to the beginning of the previous song.  |
| Fast Forward and Reverse   | Press and hold <b>TUNE ▶▶</b> or <b>TUNE ◀◀</b> to fast forward or reverse a track.  |
| Pause                      | Press  to temporarily stop playback. Press  again to resume playback.  |
| Folder Access              | Folder can be found by pressing Folder Up or Folder Down. About 1 second after the folder name is displayed, the first file under the selected folder will be displayed and playback.                        |
| Repeat                     | Press <b>RPT</b> to toggle between RPT ALL and RPT ONE. <ul style="list-style-type: none"><li>• RPT ALL - Plays all tracks on USB device.</li><li>• RPT ONE - Continuously repeats selected track.</li></ul> |
| Random                     | Press <b>RDM</b> to play tracks in random order. press again to cancel the <b>RDM</b> function.  |
| Intro                      | Press <b>INT</b> to play first 10 seconds of each track. press again to cancel the <b>INT</b> function.  |

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## Bluetooth® Operation

|                      |   |
|----------------------|---|
| Preparation          | Before using a Bluetooth device, it must be paired and connected. Ensure that Bluetooth is activated on your device before beginning the pairing process.   |
| Pairing a New Device | The head unit broadcasts the pairing signal constantly when no devices are connected. Complete the pairing sequence from your Bluetooth device. Refer to the owner's manual for your device for more details.<br><br>The device name is "Dual Media Player"<br>The Bluetooth passcode is "1234"<br><br><b>Note:</b> If passcode "1234" does not pair your device to the receiver, use passcode "0000".<br><br><b>Note:</b> The head unit can be in any mode of operation when pairing is performed. |
| Streaming Audio      | The head unit supports A2DP wireless streaming audio from a Bluetooth mobile device directly to your head unit. The following functions can be used to control the music: <ul style="list-style-type: none"><li>• Press <b>▶▶</b> to skip to the next available audio track.</li><li>• Press <b>◀◀</b> to skip to the previous audio track.</li><li>• Press  to toggle between play and pause during playback.</li></ul>  |

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## APP Operation

The Dual Smart App is the ultimate wireless remote control for your receiver. You can download Dual Smart app from Apple App Store or Google Play Store and install it on your smartphone or tablet.

Please scan the following QR code to download Dual iPlug P2 App to your smart phone.



## Voice Activation Operation

Bluetooth should be paired between your smartphone and the receiver. Press the voice activation button , and the receiver will switch into Bluetooth mode, This will activate Siri® or Google Assistant™ on your smartphone. You will need to manually switch back to the previous or desired mode once this operation is terminated.

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## Limited One-Year Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Dual Electronics Corp. warrants this product to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of the original purchase. (Note that select marine products carry a 2-year warranty. Please visit [www.dualav.com](http://www.dualav.com) for details.) Dual Electronics Corp. agrees, at our option, during the warranty period, to repair any defect in material or workmanship or to furnish an equal new, renewed or comparable product (whichever is deemed necessary) in exchange without charges, subject to verification of the defect or malfunction and proof of the date of purchase. Subsequent replacement products are warranted for the balance of the original warranty period.

**Who is covered?** This warranty is extended to the original retail purchaser for products purchased and used in the U.S.A.

**What is covered?** This warranty covers all defects in material and workmanship in this product. The following are not covered: installation/removal costs, damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, or damage occurring during return shipment of the product.

- What to do?**
1. Before you call for service, check the troubleshooting guide in your owner's manual. A slight adjustment of any custom controls may save you a service call.
  2. If you require service during the warranty period, you must carefully pack the product (preferably in the original package) and ship it by prepaid transportation with a copy of the original receipt from the retailer to an authorized service center.
  3. Please describe your problem in writing and include your name, a return UPS shipping address (P.O. Box not acceptable), and a daytime phone number with your shipment.
  4. For more information and for the location of the nearest authorized service center please contact us toll-free at 1-866-382-5476 or by email at [cs@dualav.com](mailto:cs@dualav.com).

**Exclusion of Certain Damages:** This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company's negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall the company be liable for indirect, incidental or consequential damages.

## FCC Compliance

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.

**This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.**

**Warning:** 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.

**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.
- Consult the dealer or an experienced radio technician for help.



Dual Electronics Corp.  
Toll Free: 1-866-382-5476  
Monday-Friday, 9AM-5PM  
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