



# MGH17BT

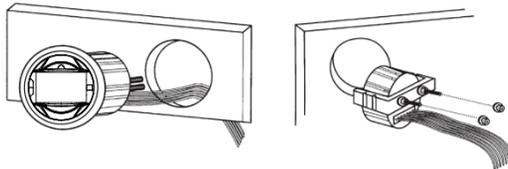
## Quick Start Guide For Gauge Hole Receivers



To download the complete, model-specific manual, please visit [www.dualav.com/support/manuals.php](http://www.dualav.com/support/manuals.php) or call 1-866-382-5476, 9AM-5PM EST (Monday-Friday).

### Mounting & Wiring

Once a suitable location has been 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 breakaway segments using a pair of pliers.



Break Lines

| Color        | Connection               |
|--------------|--------------------------|
| Red          | 12V Ignition / Accessory |
| Black        | Ground                   |
| Blue         | Remote Turn-on B (+)     |
| Grey         | Right Front (+)          |
| Grey/Black   | Right Front (-)          |
| White        | Left Front (+)           |
| White/Black  | Left Front (-)           |
| Violet       | Right Rear (+)           |
| Violet/Black | Right Rear (-)           |
| Green        | Left Rear (+)            |
| Yellow       | Camera Input(RCA Type)   |
| Green/Black  | Left Rear (-)            |

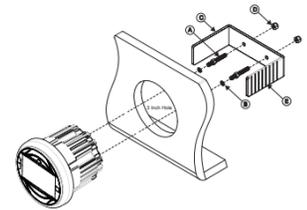
  

| USB INPUT              | REMOTE INTERFACE                        |
|------------------------|---|
| BLACK<br>USB CONNECTOR | BLACK<br>REMOTE CONTROL INTERFACE INPUT |

**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.

### Installation



#### Mounting the Radio

- Choose a mounting location on the dash board or instrument panel that will allow room behind to run radio cables to the power source. Consider how you will use the AUX IN, LINE OUT and USB connectors and route the appropriate extension cables to an accessible area.
- Cut a hole in the dash board using the template provided in the back of this manual. At least 3 3/4" depth is needed to mount the radio.
- IMPORTANT! Do not mount this unit where it can be submerged in water.**
- Slide the included spring washers (B) over the screw posts (A) and attach the screw posts to the back of the radio.
- Place the radio in front of the dashboard opening so the wiring can be brought through the opening.
- After completing the wiring connections, turn the radio on to confirm operation (vehicle accessory switch must be on). If the radio does not operate, recheck all wiring until the problem is corrected. Once proper operation is achieved, turn the accessory switch off and proceed with final mounting of the radio. Refer to the "Wiring Diagram" on page 5.
- NOTE:** Before final installation, test the wiring connections to make sure the unit is connected properly and the system works.
- Insert the radio into the mounting hole.
- Place the "U" bracket (C) over the screw posts and secure the radio to the dash using the included hex nuts (D). If necessary, cut the score marks (E) on either side of the mounting bracket to custom fit the bracket length for your application. See Figure A.

### General Operation

- Power On/Off** Press the **⏻** button to turn the unit on. Press and hold **⏻** to turn unit off.
- Changing Modes** Press **MODE** to select between AM/FM, auxiliary, USB and operation of iPod/iPhone. Modes of operation are shown in the display.
- Volume** Adjust volume using volume up/down key.
- Mute** Press **⏸** to silence the audio. Press **⏸** again to resume listening at the previously selected volume.
- Auxiliary Inputs** Insert RCA cables into the rear AUX-IN connectors.
- Display** Press **DISP** to toggle display between various displayed information.
- Menu** Press **MENU** to access the audio and setup menu options.
- Reset** If abnormal operation occurs, press and hold **MENU** and **TUNE** **⏪** for 3 seconds to reset the unit to the default factory settings.

### AM/FM Tuner Operation

- Seek Tuning** Press **TUNE** **⏪** or **TUNE** **⏩** for more than one second to seek to the next strong station.
- Manual Tuning** Press **TUNE** **⏪** or **TUNE** **⏩** momentarily to move radio frequency up or down one step at a time. Press and hold to advance quickly.
- Band** Press **BAND** 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** Select the desired band and station. Hold the **P** button, turn the volume up/down key until the desired preset number is highlighted, then press **SELECT** to store the preset.
- Recalling Presets** Press the **P** buttons to cycle through the 1-6 presets in the current band.

### MP3 Operation\*

- Playing MP3 Files** To play MP3 files, insert a USB device containing MP3 files.
- Track Select** Press **TUNE** **⏩** to skip to the beginning of the next song. Press **TUNE** **⏪** to return to the beginning of the current song. Pressing **TUNE** **⏪** again skips to the beginning of the previous song.
- Fast Forward and Reverse** Press and hold **TUNE** **⏩** or **TUNE** **⏪** to fast forward or reverse a track.
- Pause** Press **⏸** to temporarily stop playback. Press **⏸** again to resume playback.
- Folder Access** Press **⏮** to select the next folder. Press **⏭** to select the previous folder. Folder access is only available on devices with more than one folder.
- Repeat** Press **BAND** to enter the Repeat menu, then turn the volume up/down key to select one of the following options:
  - Current Song - Continuously repeats selected track.
  - Current Folder - Continuously repeats all files in folder.
- Random** Press **BAND** to enter the Random menu, then turn the volume up/down key to select one of the following options:
  - Off - Cancels RDM function.
  - All Songs - Plays all tracks in random order.
  - Current Folder - Plays all tracks in folder in random order.
- Intro** Press **BAND** to enter the Intro menu, then turn the volume up/down key to select one of the following options:
  - Off - Cancels the INT function.
  - All Songs - Plays first 10 seconds of each track.
  - Current Folder - Plays first 10 seconds of each track in the selected folder.

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### Operation of iPod/iPhone\*

- Connect an iPod/iPhone Device (sold separately)** To play music from an iPod/iPhone device, connect the USB cable (included with your iPod/iPhone device) to the unit's USB port. Playback will begin automatically.
- Song Select** Press **⏩** to skip to the next song. Press **⏪** to return to the beginning of the current song. Pressing **⏪** again skips to the beginning of the previous song.
- Forward/Reverse** Press and hold **⏩** or **⏪** to fast forward or reverse.
- Pause** Press **⏸** to temporarily stop playback. Press **⏸** again to resume playback.
- Repeat** Press **BAND** to enter the Repeat menu, then turn the volume up/down key to select one of the following options:
  - Off - Repeats all tracks.
  - Current Song - Repeats selected track.
- Random** Press **BAND** to enter the Random menu, then turn the volume up/down key to select one of the following options:
  - Off - Cancels the RDM function.
  - All Songs - Plays all tracks in random order.
  - Current Album - Plays all tracks in the selected album in random order.
- Intro** Press **BAND** to enter the Intro menu, then turn the volume up/down key to select one of the following options:
  - Off - Cancels the INT function.
  - ON - Plays first 10 seconds of each track.
- Music Search** Turn the volume up/down key to select between artists, albums, songs, playlists, podcasts and audiobooks. Press **SELECT** to select the desired search category. Most search categories have subcategories to navigate through.
- Manual Control for iPod** When "MANUAL" control is selected from the Setup Menu, the iPod or iPhone device can be controlled directly from the device's interface. All functions except for volume can be used from the iPod or iPhone device. **Note:** The firmware of the iPod/iPhone must be up dated to the latest version to be compatible with manual control model. Not all devices are compatible with manual control mode.

\* Not available on all models. To download the complete Owner's Manual for your radio, please visit [www.dualav.com/support/manuals.php](http://www.dualav.com/support/manuals.php).

### 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.
  - The device name is "MGH17BT"
  - The Bluetooth passcode is "1234"
- Pairing Additional Devices** If a device is currently connected, press and hold **BAND** to disconnect the current device before a new device can be paired. Then begin the pairing sequence from the new Bluetooth device.
- Disconnecting a Device** Press and hold **BAND** for 3 seconds to disconnect a connected device. The device will remain paired and appear in the SEARCH menu, but not be connected.
- Bluetooth Reset** Resetting the Bluetooth module will remove the list of paired phones. Reset Bluetooth as follows:
  - 1) Press **MODE** until the head unit is in Bluetooth mode.
  - 2) Press and hold **MENU** for 3 seconds to reset the Bluetooth settings back to the factory default.
- Streaming Audio Troubleshooting** 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:
  - Press **⏩** to skip to the next available audio track.
  - Press **⏪** to skip to the previous audio track.
  - Press **⏸** to toggle between play and pause during playback.

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### Weather Band Operation\*

- Manual Tuning** Press **TUNE** **⏪** or **TUNE** **⏩** momentarily to seek the next weather band station.
- Band** Press **BAND** to select weather band(WB).

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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. Inc 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.

Dual Electronics Corp. Inc 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.

**What is covered?**  
This warranty covers all defects in the material and workmanship in this product. The following are not covered: software, 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. Specific license conditions and copyright notices for the software can be found via [www.dualav.com](http://www.dualav.com).

**Warranty Coverage**  
\* Limited 1-year warranty. (Proof of purchase required)

• Extended Coverage: Extend your warranty from 1 year to 2 years when you register online at [www.dualav.com](http://www.dualav.com). Registration must be completed within 60 days of the original purchase date to qualify for this extension.

#### What to do?

- 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.
- 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.
- 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.
- For more information and for the location of the nearest authorized service center please contact us by one of the following methods:
  - a. Call us toll-free at (866) 382-5476 (Monday-Friday, 9:00 am to 5:00 pm, EST)
  - b. E-mail us 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.

**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/TV technician for help.



Dual Electronics Corp.  
Toll Free: 1-866-382-5476  
Monday-Friday, 9AM-5PM  
[www.dualav.com](http://www.dualav.com)

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