

INTRODUCTION

Thank you for purchasing a Recoil amplifier for your vehicle audio system, You have chosen Recoil because you deserve the best! Please thoroughly read through this manual before getting started. If you have any questions and require additional assistance, please contact support@re-coilaudio.com.

SPECIFICATIONS

• Channels	4
• Waterproof Rating	IPX7
• Power@2Ohm	RMS 65 Watts x 4
• Power@4Ohm	RMS 45 Watts x 4
• THD+N@ 4Ω@ RMS	<0.2%
• S/N Ratio (Rated Power)	≥84dB
• Frequency Response	20Hz-20kHz (@-3dB)
• AUX Input Sensitivity	Max 820mV
• Voltage Range	10V-16V (Auto-recovery)
• Short-Circuit Protection	Yes (Auto-recovery)
• Reverse Polarity Protection	Yes
• Thermal Protection	66°C cutoff → 61°C resume
• Idle Current	550mA
• Fuse Rating	15A (4Ω) / 20A (2Ω)

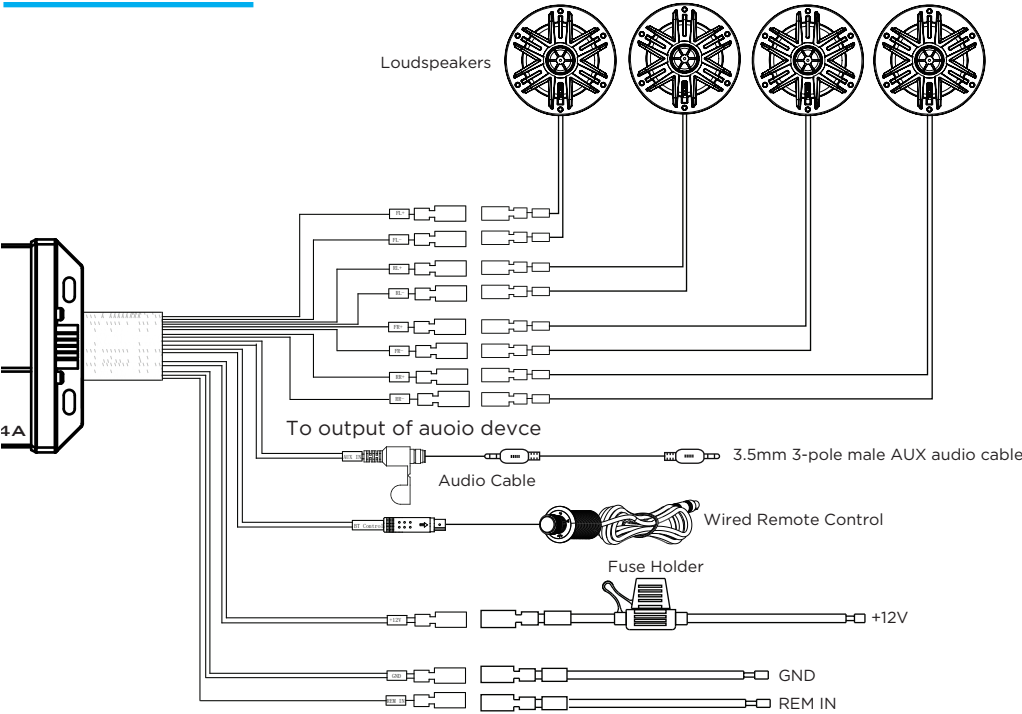
WIRING

1. Be sure to run the wiring securely and far away from any moving components.
2. Connect the power cable to the power source. You will need to connect the +12V yellow wire to a (fused 10A) switched power source.
3. Use the 3.5mm stereo jack to connect to your media source (MP3 player, etc.).
4. Use your mobile device or Recoil wired remote controller to control your music track, volume, play & pause.
5. The components and wiring should not be installed around any moving parts.
6. Speakers should not be installed where they might inhibit safety features on your bike (i.e. lights, horns, brake levers, etc...).

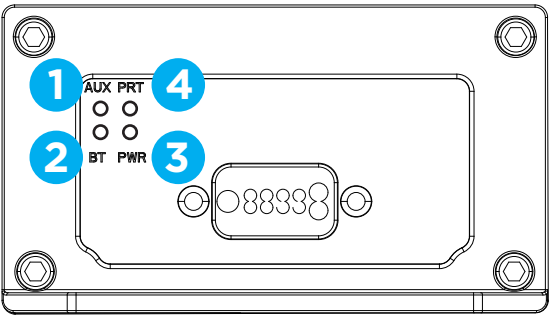
BLUETOOTH PAIRING

1. Ensure your streaming device has Bluetooth® enabled and the power is applied to the IC4A amplifier. (The blue LED on the IC4A will blink to indicate it is in pairing mode.)
2. Within your streaming device's Bluetooth® setup menu, select " IC4A" from the list of pairable devices.
3. When successfully connected, the Blue LED on the IC4A will stop blinking and remain lit.

WIRING DIAGRAM

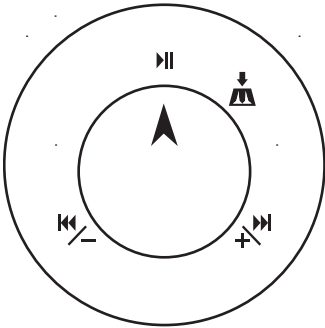


LED INDICATORS



LED	Color	Behavior	Status
1 AUX Input Status	White	Solid	AUX Active: Audio input switched to AUX port
2 Bluetooth Status	Blue	Slow Blinking	Pairing Mode: Ready for device connection
		Solid	Connected: Paired with audio source
3 Power Status	Red	Solid	Amplifier ON: Normal operation
4 Protection Status	Yellow	Solid	Protection Mode: Overload/overheat/short circuit

OPERATION

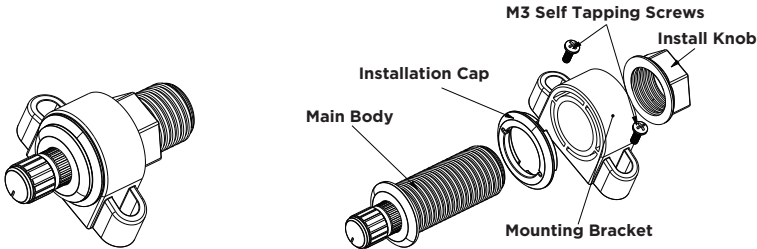


- Play Music:** Start your media player or music streaming service
- Pause Music:** Tap the knob once to pause, tap a second time to resume play mode
- Skip One Track Forward:** Turn knob Clockwise for approx. 1 second
- Skip One Track Backward:** Turn knob Counter-clockwise for approx. 1 second
- Adjust Volume Up:** Turn and hold the knob Clockwise to desired volume level
- Adjust Volume Down:** Turn and hold the knob counter-clockwise to desired volume level
- Bluetooth / Auxiliary Signal Switch:** Press and hold the knob for 3 seconds to switch input signal between Bluetooth & Auxiliary

MOUNTING

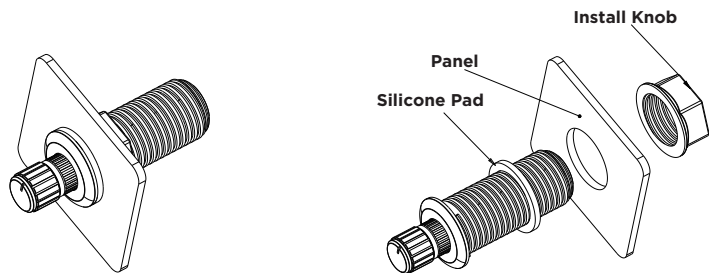
Surface Mount / Under Dash Mount

Use two Phillips screws to mount controller on dash surface or under dash applications using the supplied surface/under dash mounting adapter.



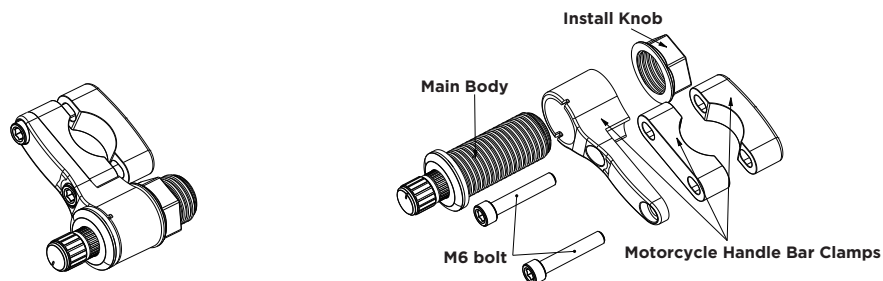
Flush Mount /In-dash Mount

Remove the surface mount portion of the controller by unscrewing the main nut on the BTR-2 body. Drill a 7/8" hole in your desired mounting location making sure that you have checked for tolerances and/or obstacles behind the dash. Once the hole is drilled, install the controller from the front and secure it with the main body nut from behind. Make sure the Bluetooth® knob is correctly orientated before tightening into place.



Motocycle Handle Bar Mount

Remove the surface mount portion of the controller by unscrewing the main nut on the BTR-2 body. Mount the clamp on motorcycle handlebar. The clamp fits 7/8", 1" and 1-1/4" handlebars. Install the controller from the front and secure it with the main body nut from behind. Make sure the Bluetooth® knob is correctly orientated before tightening into place.



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.

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.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 0cm from your body.