

KICKER®

PXIBT

**STEREO INTEGRATED
AMPLIFIER**

PXIBT100.2
AMPLIFIED CONTROLLER FOR
BLUETOOTH® DEVICES

Owner's Manual | English

IMPORTANT SAFETY WARNING – PROLONGED CONTINUOUS OPERATION OF AN AMPLIFIER IN A DISTORTED OR CLIPPED MANNER CAN CAUSE YOUR AUDIO SYSTEM TO OVERHEAT, POSSIBLY CATCHING FIRE AND RESULTING IN SERIOUS DAMAGE TO YOUR COMPONENTS AND/OR VEHICLE. KICKER PRODUCTS ARE CAPABLE OF PRODUCING SOUND LEVELS THAT CAN PERMANENTLY DAMAGE YOUR HEARING! TURNING UP A SYSTEM TO A LEVEL THAT HAS AUDIBLE DISTORTION IS MORE DAMAGING TO YOUR EARS THAN LISTENING TO AN UNDISTORTED SYSTEM AT THE SAME VOLUME LEVEL. THE THRESHOLD OF PAIN IS ALWAYS AN INDICATOR THAT THE SOUND LEVEL IS TOO LOUD AND MAY PERMANENTLY DAMAGE YOUR HEARING. PLEASE USE COMMON SENSE WHEN CONTROLLING VOLUME.

PERFORMANCE

Model:

PXIBT100.2

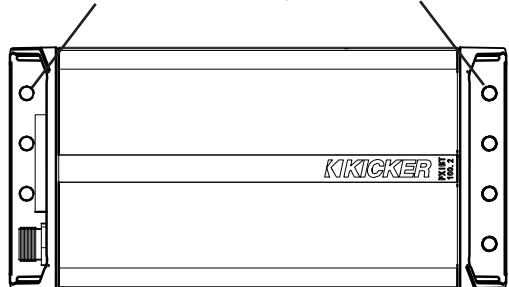
RMS output @ 4-ohms	25 Watts x 2
RMS output @ 2-ohms	50 Watts x 2
Selectable 12dB high-pass crossover	OFF, 60Hz, 80Hz, 120Hz
Frequency response	20Hz – 20kHz (+/- 1dB)
RCA pre-out voltage	4.5V RMS
S/N ratio	90dB
Aux input sensitivity	500mV
USB audio input / charging	5V/1A
Length [in, cm]	7, 17.8
Height [in, cm]	1-5/8, 4
Width [in, cm]	3-7/16, 8.7

Pro Tip: To get the best performance from your new KICKER Amplifier and extend the warranty by 1 year, use genuine KICKER accessories and wiring.

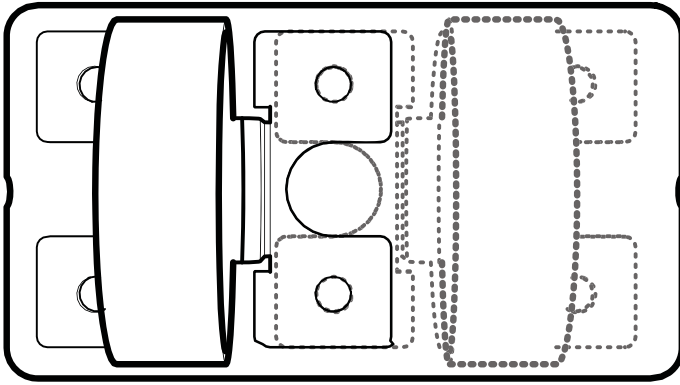
INSTALLATION

Mounting: Choose a structurally sound location to mount your KICKER PXIBT100.2. Make sure there are no items behind the area where the screws will be driven. Choose a location that allows at least 4" (10cm) of open ventilation for the amplifier. Drill four holes using a 7/64" (3mm) bit and use the supplied #8 screws to mount the amplifier. Mount the unit behind the fairing, underneath the seat, or in another secure location isolated from weather.

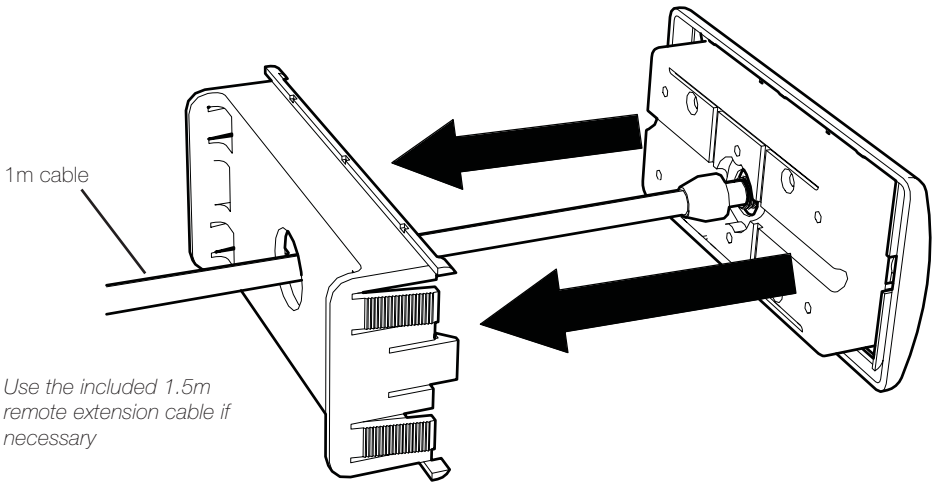
Mount the PXIBT100.2 using the included screws.



The remote bar mounting clamp may be installed to either the left or right side on the back of the remote.



Use the included remote mounting plate to perform a custom, flush installation of the remote. Be careful not to drill into wiring or vehicle mechanisms. You are solely responsible for safely and securely mounting the unit and remote. Use the cut-out template below to assist in the installation.



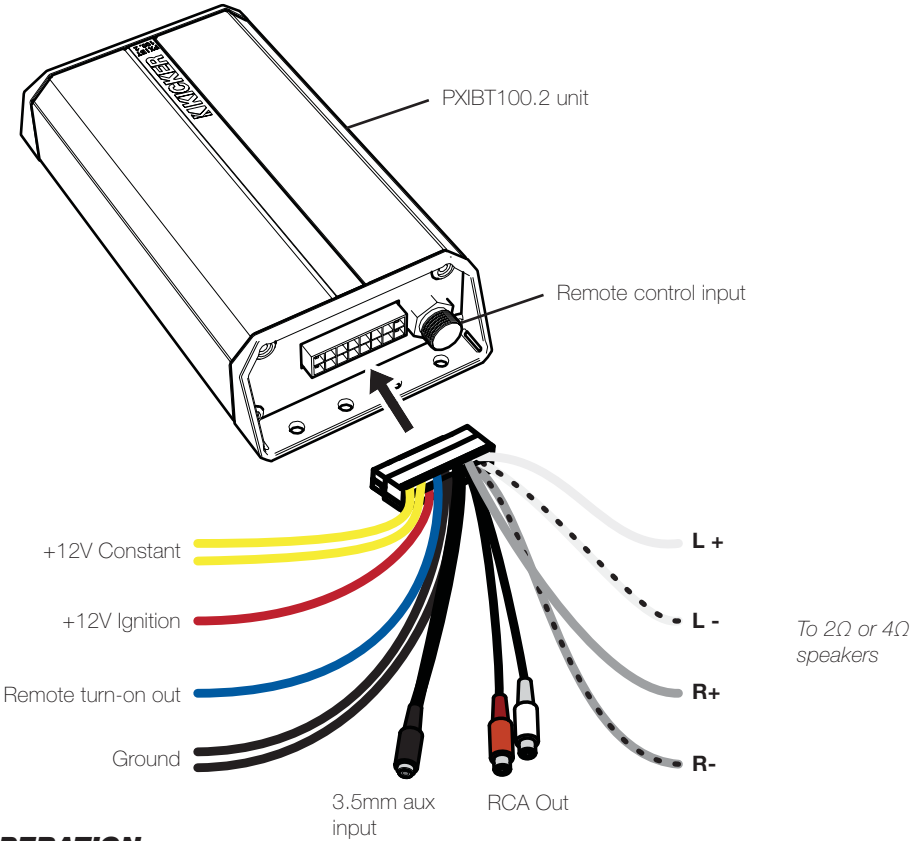
Width: 86mm

**Height:
41mm**

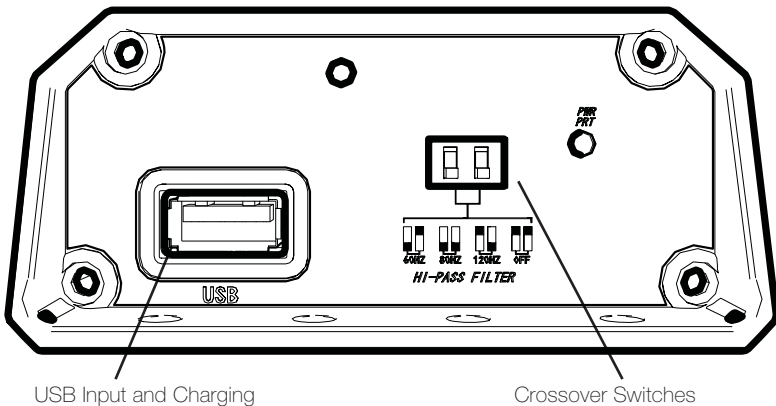
Depth: 18mm

Wiring: Disconnect the vehicle's battery to avoid an electrical short. Connect the PXIBT harness to the amplifier. A good ground connection is important. If this PXIBT100.2 is mounted in the front fairing of a motorcycle, it will be best to extend the ground wire all the way to the battery.

Install a 15A fuse at the yellow +12V constant wire. Fuse installation should be within 18" (45cm) of the battery and in-line with the harness' power cable, which is connected to your PXIBT100.2 unit. If you ever need to remove the amplifier from the vehicle after it has been installed, the ground wire should be the last wire disconnected from the amplifier--just the opposite as when you installed it.



OPERATION



Crossover Switches: Use the HI-PASS switches behind the protective rubber covering of the unit to set the internal crossover. Choose a cutoff of 60Hz, 80Hz, 120Hz, or OFF depending on the configuration of switches 1 and 2. Never change the switches with the audio system on!

Playing Music: The PXIBT100.2 is designed to receive audio via Bluetooth transfer protocol, 3.5mm auxiliary input, and USB input. The USB input supports MP3 and WMA file formats.

The unit will power up in Bluetooth pairing mode when used for the first time. To re-enter pairing mode at any time, press and hold the **PLAY-PAUSE** button until the Bluetooth LED flashes blue rapidly. To pair with an audio device, enter pairing mode on the unit, then enter 'discovery mode' on your audio device. Select 'KICKER PXIBT' on your audio device. The Bluetooth icon will be solid blue when connected and ready to play. If the Bluetooth icon flashes blue slowly, the unit is paired with a device, but not connected. Check your audio device if this occurs.

Use short presses on the **POWER** button to cycle between Bluetooth, AUX, and USB input modes. The unit will remember the last input mode used when powered ON/OFF. You may press and hold the POWER button to turn the unit ON/OFF, however it is recommended that you install a switch in-line with the RED (+12V Ignition) power wire to mimic an accessory key switch. This will turn the unit ON/OFF with the vehicle.

Changing Brightness: Press and hold the **Track ↑** button for 5 seconds. After the remote blinks three times, the volume buttons will now control the remote LED brightness, from off (0) to full intensity (10). After the desired brightness is set and no key presses are detected for 5 seconds, the remote will blink three times and exit brightness mode. The volume buttons will now go back to controlling the volume level.

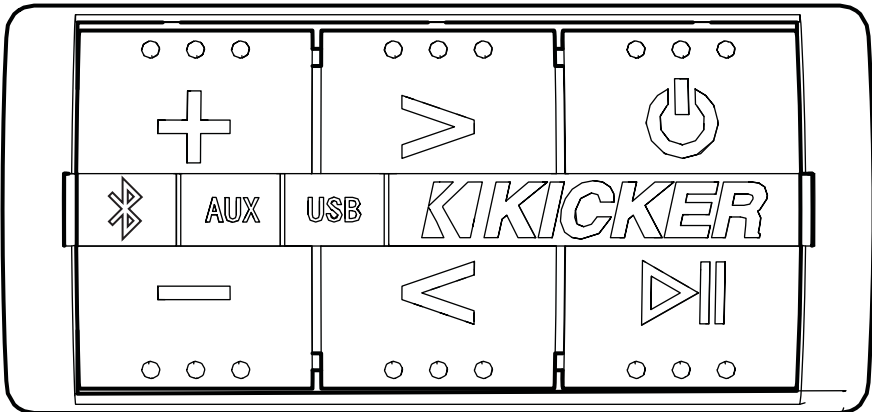
Input Status LEDs:

- B/T - Slow Flash - Paired; no connection
- B/T - Rapid Flash - Pairing mode
- B/T - Solid - Bluetooth Connected

Volume ↑
Brightness up

Track ↑
Brightness Mode

POWER OFF/ON - Use if there is no switched ignition source in your vehicle.
SELECT SOURCE - Bluetooth/AUX/USB



Volume ↓
Brightness down

Track ↓

Short Press - PLAY-PAUSE
Press & Hold - PAIRING MODE

NOTE: Bluetooth open environment range up to 30ft.

TROUBLESHOOTING

If your PXIBT100.2 does not appear to be working, check the obvious things first such as blown fuses, poor or incorrect wiring connections, incorrect setting of crossover switch and gain controls, etc. There is a Power Protection LED on the side power panel of your unit. Depending on the state of the unit and the vehicle's charging system, the LED will glow either Red or Blue. When the blue LED is lit this indicates the unit is turned on and no trouble exists.

Blue LED off, no output? With a Volt Ohm Meter (VOM) check the following: **1**+12 volt power terminal (should read +12V to +16V) **2**Remote turn-on terminal (should read +12V to +16V) **3**Check for reversed power and ground connections **4**Ground terminal, for proper conductivity.

Blue LED on, no output? Check the following: **1**RCA connections **2**Test speaker outputs with a "known" good speaker. **3**Substitute source unit with a "known" good source unit. **4**Check for a signal in the RCA cable feeding the amplifier with the VOM meter set to measure "AC" voltage.

Protection LED flashing with loud music? The red LED indicates low battery voltage. Check all the connections in your vehicle's charging system. It may be necessary to replace or charge your vehicle's battery or replace your vehicle's alternator.

Protection LED on, no output? **1**Amplifier is very hot = thermal protection is engaged. Test for proper impedance at the speaker terminals with a VOM meter (see the diagrams in this manual for minimum recommended impedance and multiple speaker wiring suggestions). Also check for adequate airflow around the amplifier. **2**Amplifier shuts down only while vehicle is running = voltage protection circuitry is engaged. Voltage to the amplifier is not within the 10–16 volt operating range. Have the vehicle's charging and electrical system inspected. **3**Amplifier will only play at low volume levels = short circuit protection is engaged. Check for speaker wires shorted to each other or to the vehicle chassis. Check for damaged speakers or speaker(s) operating below the minimum recommended impedance.

No or low output? **1**Check the balance control on source unit **2**Check the speaker output connections.

Alternator noise-whining sound with engine's RPM? **1**Check for damaged 3.5mm cable **2**Check the routing of 3.5mm cable **3**Check the gain settings and turn them down if they are set too high.

Reduced bass response? Reverse a speaker connection from positive to negative on the stereo channel(s); if the bass improves, the speaker was out of phase.

CAUTION: When jump starting the vehicle, be sure that connections made with jumper cables are correct. Improper connections can result in blown amplifier fuses as well as the failure of other critical systems in the vehicle.

