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Buttkicker BK-GR2

Buttkicker Gamer2 Immersive Haptic Transducer System

Model: BK-GR2

Brand: Buttkicker

INTRODUCTION

The Buttkicker Gamer2 is an immersive haptic transducer system designed to provide powerful and accurate tactile feedback, enhancing your gaming, simulation, and entertainment experiences. Unlike traditional subwoofers that move air, the Buttkicker Gamer2 directly transfers low-frequency sound into physical vibrations, allowing you to feel the action without excessive noise. This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your Buttkicker Gamer2 system.

The system includes a Buttkicker Gamer transducer unit and a 90-watt power amplifier, along with all necessary cables and mounting hardware for easy attachment to most chairs or sim rigs.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- Buttkicker Gamer transducer with Easy Clamp™ attachment mechanism
- Buttkicker Power Amplifier BKA-130-C (120V Only)
- 13.5' cable with quick release, connecting Buttkicker Gamer to the Amplifier
- RCA and mini "Y" adapters
- 5' RCA to RCA cable
- 5' RCA to mini cable
- Two Velcro® cable holders



Figure 1: Included components of the ButtKicker Gamer2 system.

SETUP INSTRUCTIONS

Follow these steps to properly set up your ButtKicker Gamer2 system:

1. Attaching the ButtKicker Gamer Transducer

The ButtKicker Gamer unit features an Easy-Clamp™ mounting arm designed for quick and secure attachment. It can be clamped to any center post up to 1.4 inches (3.5 cm) in diameter, commonly found on office chairs or sim racing cockpits.

1. Identify a sturdy, central post on your chair or sim rig.
2. Loosen the adjustment knob on the Easy-Clamp™ mechanism.
3. Position the clamp around the post and tighten the adjustment knob until the ButtKicker Gamer is securely fastened and does not wobble. Ensure the unit is positioned to allow for free movement and does not interfere with chair mechanisms.



Adjustment Knob

**Easily Attaches to Any
Center Post Up to 1.4" in
Diameter**

**Aluminum
Construction**

**Easy-Clamp™
Mounting Arm**

Figure 2: Detail of the Easy-Clamp™ mounting arm.



Figure 3: ButtKicker Gamer2 mounted on an office chair.



Figure 4: Buttkicker Gamer2 mounted on a sim racing rig.

2. Connecting the Power Amplifier

Place the Buttkicker Power Amplifier BKA-130-C in a convenient location, ensuring adequate ventilation. The amplifier is fanless for quiet operation.

1. Connect the 13.5' cable from the Buttkicker Gamer transducer to the speaker output terminals on the amplifier. Ensure correct polarity if applicable (though typically not critical for transducers).
2. Connect the amplifier's power cable to a standard 120V AC outlet.



Figure 5: Amplifier placement in a typical setup.

3. Audio Connections

The ButtKicker Gamer2 operates by converting low-frequency audio signals into vibrations. Connect the amplifier to your audio source (PC, gaming console, home theater receiver) using the provided cables.

- **PC Connection:** Use the 5' RCA to mini cable and the mini "Y" adapter to split the audio output from your PC's sound card. One branch goes to your speakers/headphones, and the other to the amplifier's input.
- **Console Connection:** Use the RCA "Y" adapters with the 5' RCA to RCA cable to connect to your console's audio output (if available) or an audio extractor.
- **Dedicated Subwoofer Output:** For optimal performance, if your audio source has a dedicated subwoofer (LFE) output, connect the amplifier directly to this output using the appropriate RCA cable. This provides a cleaner low-frequency signal.

Important Note: Some users report static when using the 3.5mm Y-splitter directly from a PC's main audio output. If you experience this, consider using a separate audio output for the ButtKicker (e.g., a secondary sound card, a monitor's

3.5mm output, or an Xbox controller's 3.5mm input if applicable for console setups) to provide a dedicated signal to the amplifier.

4. Wired Remote Control

Connect the wired remote control to the "Remote" port on the amplifier. This allows for convenient volume adjustment and power control from your seating position.

OPERATING INSTRUCTIONS

Once the system is set up, follow these steps to operate your ButtKicker Gamer2:

1. Powering On

Press the "Power" button on the amplifier or the wired remote control. The power indicator light will illuminate.

2. Amplifier Controls



Figure 6: ButtKicker Power Amplifier BKA-130-C front panel.

- **Low Filter Cutoff:** Adjusts the lowest frequency the ButtKicker will respond to. Typically set between 50-70 Hz for general use.
- **High Cutoff Frequency:** Adjusts the highest frequency the ButtKicker will respond to. Setting this lower (e.g., 70-110 Hz) can provide a more focused "kick" sensation, while higher settings (up to 160 Hz) can offer a broader range of tactile feedback.
- **Volume:** Controls the intensity of the vibrations. Start with a low setting and gradually increase to your preferred level. Avoid setting it too high, which can lead to clipping.
- **Clip/Signal Indicators:** The "Signal" light indicates that an audio signal is being received. The "Clip" light indicates that the amplifier is being overdriven. If the "Clip" light flashes frequently, reduce the volume to prevent damage to the amplifier and transducer.

3. Adjusting for Optimal Experience

Experiment with the Low and High Cutoff Frequency settings to find the ideal tactile response for different games or media. For racing simulations, you might prefer a tighter, more impactful feel for engine RPMs and road textures. For explosions in action games, a broader frequency range might be desired.

Video Demonstration: For a visual guide on the ButtKicker Gamer2's capabilities and setup, please refer to the official product video below.

Your browser does not support the video tag.

Video 1: Official ButtKicker video demonstrating the Gamer2's immersive haptic feedback in various gaming scenarios. This video showcases the product's ability to translate in-game audio into physical sensations, enhancing realism.

MAINTENANCE

The ButtKicker Gamer2 system is designed for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to wipe down the transducer and amplifier. Avoid using liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the amplifier has adequate airflow around it to prevent overheating, especially since it is convection-cooled (fanless).
- **Cable Management:** Use the provided Velcro cable ties to keep cables organized and prevent them from being snagged or damaged.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a dry, cool place.

TROUBLESHOOTING

If you encounter issues with your ButtKicker Gamer2, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to amplifier	Power cable disconnected; outlet not active; amplifier off.	Check power cable connection; test outlet with another device; ensure amplifier power button is pressed.
No haptic feedback	Audio input not connected; volume too low; transducer cable disconnected; amplifier not receiving signal.	Verify all audio connections; increase amplifier volume; check transducer cable connection; ensure audio source is playing low-frequency content. Check "Signal" light on amplifier.

Problem	Possible Cause	Solution
Weak or inconsistent feedback	Volume too low; filter settings incorrect; transducer not securely mounted; audio source lacking strong bass.	Increase volume; adjust Low/High Cutoff Frequency; tighten transducer clamp; ensure audio content has sufficient bass.
"Clip" light flashing frequently	Amplifier is overdriven.	Reduce the amplifier's volume. Persistent clipping can damage the unit.
Static or unwanted noise in audio	Ground loop; audio Y-splitter interference.	Try connecting the amplifier to a different audio output (e.g., a dedicated sound card output, or a monitor's audio out). Consider a ground loop isolator if the issue persists.

SPECIFICATIONS

ButtKicker Gamer Transducer

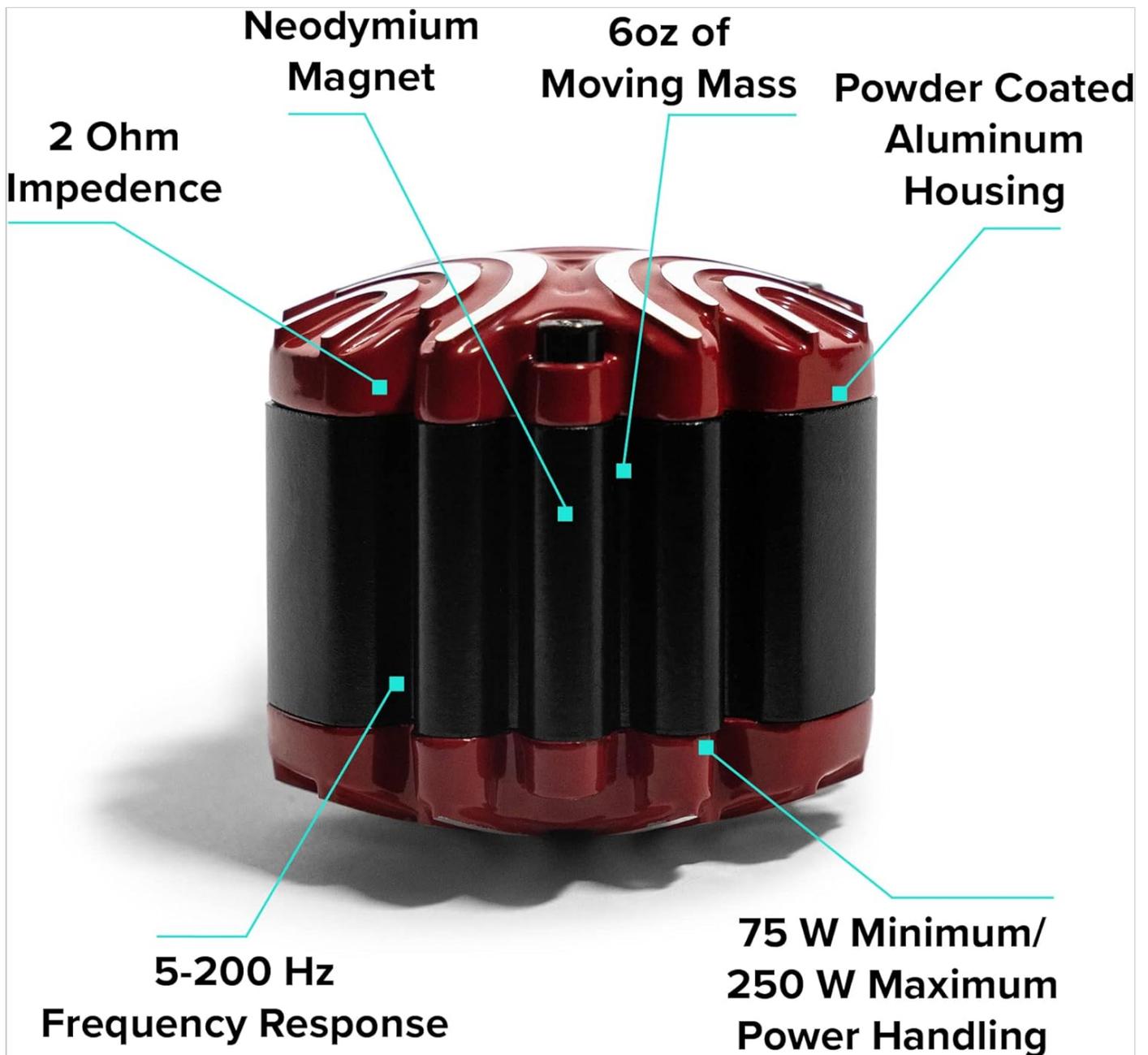


Figure 7: ButtKicker Gamer transducer key features.

- **Impedance:** 2 Ohms
- **Frequency Response:** 5-200 Hz
- **Power Handling:** 75 W Minimum / 250 W Maximum
- **Moving Mass:** 6 oz
- **Construction:** Powder Coated Aluminum Housing, Neodymium Magnet
- **Mounting:** Easy-Clamp™ mechanism for posts up to 1.4" diameter

ButtKicker Power Amplifier BKA-130-C

- **Power Output:** 90 watts at 2 ohms
- **Cooling:** Fanless (convection-cooled)
- **Input Voltage:** 120V AC ONLY
- **Frequency Response:** 10-300 Hz
- **Controls:** Low Filter Cutoff, High Cutoff Frequency, Volume
- **Features:** Wired remote control port, Pass-through outlet for daisy-chaining multiple units

- **Construction:** Metal Housing

General Product Information

- **Product Dimensions:** 12.2 x 10.83 x 16.14 inches (packaged)
- **Item Weight:** 10.56 pounds (packaged)
- **Model Number:** BK-GR2
- **ASIN:** B000AOTLP6

WARRANTY INFORMATION

ButtKicker products are manufactured to high standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official ButtKicker website. Keep your proof of purchase for warranty claims.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or customer service inquiries, please contact ButtKicker customer support. The manufacturer, Guitammer Company, is known for its responsive customer support. Please visit the official ButtKicker website for the most up-to-date contact information and support resources.