

Buttkicker BK4-4

ButtKicker Advance BK4-4 Low Frequency Transducer User Manual

Model: BK4-4 | Brand: Buttkicker

1. PRODUCT OVERVIEW

The ButtKicker Advance is a patented 4 ohm low frequency audio transducer designed to provide powerful tactile response. It features a 1 lb (0.45 kg) magnetically suspended piston, ensuring accuracy and durability. This unit is virtually indestructible and requires no maintenance.

With a frequency response range of approximately 5Hz to 200Hz, the ButtKicker Advance delivers strong tactile feedback without the high sound pressure levels typically associated with subwoofers. It is an ideal solution for enhancing the experience in various applications, including home theaters, gaming setups, music listening, and video watching.

Key features include:

- Mid-sized ButtKicker transducer
- Side and bottom mounting flanges for versatile placement
- High quality spring terminal connectors
- 4 ohm impedance only



Figure 1: ButtKicker Advance BK4-4 Low Frequency Transducer. This image shows the main unit with its black casing, silver accents on top, and the red and black spring-loaded terminal connectors for audio input. The mounting flanges are visible at the base.

2. SETUP AND INSTALLATION

Proper setup is crucial for optimal performance of your ButtKicker Advance transducer. This unit is designed for easy integration into various systems.

2.1 Power Requirements

The ButtKicker Advance requires a minimum of 75 watts of power. For best results and full performance, a maximum of 400 watts is recommended. Please note that a power amplifier is **not** included with the ButtKicker Advance and must be purchased separately. The BKA300-4 amplifier is a compatible option.

2.2 Wiring Connections

The transducer connects to your power amplifier using high-quality spring terminal connectors. For standard installations, 14 gauge speaker wire is recommended. For longer wire runs, 12 gauge speaker wire should be used to minimize signal loss.

Ensure correct polarity when connecting the speaker wires to the amplifier and the ButtKicker Advance. Match the positive (+) terminal on the amplifier to the positive (+) terminal (red) on the transducer, and the negative (-) terminal on the amplifier to the negative (-) terminal (black) on the transducer.

2.3 Mounting Options

The ButtKicker Advance features both side and bottom mounting flanges, offering versatility in placement. It can be securely attached to various structures such as couches, sectional sofas, gaming chairs, or platforms to transfer tactile effects directly to the user. Ensure the mounting surface is rigid to maximize the transfer of vibrations.

3. OPERATING INSTRUCTIONS

Once properly installed and connected to a suitable amplifier, the ButtKicker Advance will convert low-frequency audio signals into kinetic energy, providing a physical sensation that enhances your audio experience.

3.1 Enhancing Your Experience

The transducer operates within a frequency range of approximately 5Hz to 200Hz. This range is specifically chosen to provide deep, impactful tactile feedback without generating audible sound, allowing for an immersive experience without disturbing others.

Adjust the amplifier's gain and crossover settings to fine-tune the intensity and frequency response of the ButtKicker Advance to your personal preference and the specific content you are enjoying. Experiment with different settings to find the optimal balance for movies, games, or music.

Recommended Uses:

- **Home Theater:** Feel explosions, rumbling engines, and deep bass notes.
- **Gaming:** Experience impacts, engine vibrations, and environmental effects.
- **Music Listening:** Add a physical dimension to bass lines and drum beats.
- **Video Watching:** Enhance the realism of action sequences and special effects.

For optimal performance, ensure that the audio source provides a strong low-frequency signal. Some audio systems may require a dedicated low-pass filter or subwoofer output to feed the appropriate frequencies to the ButtKicker Advance amplifier.

4. MAINTENANCE

The ButtKicker Advance is designed to be virtually indestructible and requires no regular maintenance. Keep the unit clean and free from dust and debris. Ensure all connections remain secure to prevent signal loss or intermittent performance.

5. TROUBLESHOOTING

If you experience issues with your ButtKicker Advance, consider the following common troubleshooting steps:

- **No Vibration:**
 - Check all cable connections between the audio source, amplifier, and transducer. Ensure they are secure and correctly polarized.
 - Verify the amplifier is powered on and receiving an audio signal.
 - Confirm the amplifier's volume or gain is set appropriately.
 - Ensure the audio source is producing low-frequency content (e.g., deep bass in music or effects in movies/games).
- **Weak Vibration:**
 - Increase the amplifier's gain or volume.
 - Check the power output of your amplifier; ensure it meets the recommended wattage for the ButtKicker Advance (75-400 watts).
 - Verify the mounting of the transducer. A loose or flexible mounting surface can absorb vibrations. Ensure it is securely attached to a rigid structure.
 - Adjust the low-pass filter settings on your amplifier or audio receiver to ensure sufficient low-frequency content is being sent to the transducer.
- **Distorted or Unpleasant Vibration:**
 - Reduce the amplifier's gain or volume. Overdriving the transducer can cause distortion.
 - Check for any physical obstructions or loose components near the transducer that might be rattling.
 - Ensure the transducer is mounted vertically (top or bottom facing directly up or down) as intended for optimal performance and to prevent bottoming out.

If problems persist after following these steps, please contact ButtKicker customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Brand	Buttkicker
Model Number	BK4-4
Impedance	4 Ohm
Recommended Power	75 - 400 watts
Frequency Response	Approx. 5Hz - 200Hz
Item Dimensions (L x W x H)	7 x 6 x 8 inches
Item Weight	5.05 pounds

Connectivity Technology	Speaker Wire
Connector Type	Terminal Block
Color	Black
Manufacturer	ButtKicker
First Available Date	February 2, 2005


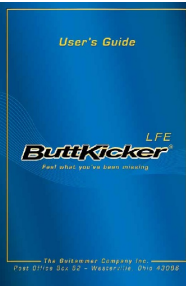

7. WARRANTY AND SUPPORT




For information regarding product warranty, returns, or technical support, please refer to the official ButtKicker website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the official ButtKicker Store on Amazon for more information:[ButtKicker Store](#)

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Related Documents - BK4-4

	<p>ButtKicker BKA-PRO Power Amplifier Owner's Manual</p> <p>Comprehensive owner's manual for the ButtKicker BKA-PRO Power Amplifier, covering safety, operation, remote control, front and rear panel features, specifications, and warranty information.</p>
	<p>ButtKicker LFE User's Guide: Installation, Setup, and Operation</p> <p>Comprehensive user guide for the ButtKicker LFE low frequency audio transducer from The Guitammer Company. Learn about product features, system integration, mounting considerations, thermal protection, warranty, and specifications.</p>
	<p>ButtKicker Wireless Couch Kit Quick Start Guide</p> <p>Quick start guide for setting up the ButtKicker Wireless Couch Kit, detailing connections for immersive haptic feedback in home entertainment systems.</p>

 <p>ButtKicker Gamer PLUS QUICK START GUIDE</p> <p>Welcome to the future of immersive entertainment! Thank you for purchasing the ButtKicker Gamer PLUS. We hope you will enjoy the immersive audio experiences it provides.</p> <ol style="list-style-type: none"> 1. Unbox the product and inspect for damage. 2. Connect the power cable to the back of the unit. 3. Connect the audio cable to the back of the unit. 4. Connect the subwoofer cable to the back of the unit. 5. Turn on the power and test the system. 	<p>ButtKicker Gamer PLUS Quick Start Guide - Setup and Connection</p> <p>Comprehensive quick start guide for the ButtKicker Gamer PLUS haptic transducer and amplifier. Learn how to attach, connect to PC or gaming console, and optimize settings for immersive audio experiences.</p>
 <p>ButtKicker Power Amplifier BKA-PLUS</p> <p>OWNER'S MANUAL</p> <p>Model: BKA-PLUS</p> <p>1. Safety Information</p> <p>2. Features</p> <p>3. Operation</p> <p>4. Troubleshooting</p> <p>5. Warranty</p>	<p>ButtKicker BKA-PLUS Power Amplifier Owner's Manual - Features, Operation, and Specifications</p> <p>Comprehensive owner's manual for the ButtKicker BKA-PLUS Power Amplifier. Learn about safety instructions, operation, front and rear panel controls, remote control, specifications, and warranty.</p>
 <p>ButtKicker Power Amplifier BKA-PLUS</p> <p>OWNER'S MANUAL</p> <p>Model: BKA-PLUS</p> <p>1. Safety Information</p> <p>2. Features</p> <p>3. Operation</p> <p>4. Troubleshooting</p> <p>5. Warranty</p>	<p>ButtKicker BKA-PLUS Power Amplifier Owner's Manual</p> <p>Official owner's manual for the ButtKicker BKA-PLUS Power Amplifier. Includes setup, operation, specifications, safety guidelines, troubleshooting, and warranty information.</p>