

Vikye Vikyeec30bg9g6i

Vikye TV Amplifier User Manual

Model: Vikyeec30bg9g6i

1. INTRODUCTION

The Vikye TV Amplifier is a 2-input, 4-output lossless bidirectional signal booster designed to enhance and distribute TV signals from an antenna or cable system to multiple televisions or cable boxes. It features an integrated equalizer to optimize signal quality, particularly for high-frequency signals that may weaken over long cable transmissions. This device helps prevent image pixelation, improves cable modem performance, and enhances HDTV reception.

Key Features:

- **Multi-Port Design:** Provides one input (IN1/IN2 exchange work) and four outputs for connecting multiple devices.
- **Lossless Signal Distribution:** Allows multiple devices to be connected without significant signal quality degradation.
- **High Gain:** All ports provide amplified signals with gains up to +7.5dB.
- **Integrated Equalizer:** Varies amplifier gain, providing more amplification for high-frequency signals.
- **Multi-Functionality:** Prevents digital cable pixelation, enhances OTA antenna signals, and improves cable modem performance and HDTV reception.
- **Wide Compatibility:** Suitable for antenna or cable TV use, compatible with standard and digital cable services, and OTA antenna reception.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x TV Amplifier

3. PRODUCT OVERVIEW

The Vikye TV Amplifier is a compact black unit designed for efficient signal distribution. Below is an image of the amplifier, followed by a description of its ports and indicators.



Front and side view of the Vikye TV Amplifier, showcasing its compact black casing and multiple F-type connectors for inputs and outputs.

Ports and Indicators:

- **IN1 / IN2:** F-type input connectors for connecting your antenna or cable TV signal. These inputs work interchangeably.
- **OUT1 / OUT2 / OUT3 / OUT4:** F-type output connectors for distributing the amplified signal to up to four televisions or other devices.
- **+12V DC IN:** Power input port for connecting the amplifier's power adapter.
- **LED Indicator:** A green LED light indicates that the amplifier is powered on and functioning.



Detailed close-up view of the F-type input and output connectors on the TV amplifier, including the +12V DC IN power port and the green LED indicator light.

4. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand Name	Vikye
Model Number	Vikyeec30bg9g6i
Frequency Range (Forward Path)	88-862MHz
Forward Path Gain	6±1.5dB

Feature	Specification
Frequency Range (Reverse Path)	5-30MHz
Reverse Path Gain	6±1.5dB
Voltage on Output	9VDC at 15mA
Impedance	75Ω
Input, Output Connector Type	Type F
Package Dimensions	3.94 x 3.15 x 1.18 inches

5. SETUP AND INSTALLATION

Follow these steps to correctly install your Vikye TV Amplifier and begin distributing your TV signal.

Connecting the Amplifier:

- Connect Signal Source:** Connect your antenna or cable TV line to either the IN1 or IN2 F-type input connector on the amplifier.
- Connect Output Devices:** Connect your televisions or cable boxes to the OUT1, OUT2, OUT3, and/or OUT4 F-type output connectors using coaxial cables.
- Connect Power:** Plug the provided power adapter into the +12V DC IN port on the amplifier, then plug the adapter into a standard electrical outlet. The green LED indicator light on the amplifier should illuminate, indicating it is powered on.
- Scan for Channels:** On each connected television, perform a channel scan to detect available channels. Refer to your TV's instruction manual for specific channel scanning procedures.



A detailed wiring diagram demonstrating how to connect the TV amplifier to an antenna, multiple televisions (TV1, TV2, TV3, TV4), and a set-top box with an IR emitter for remote control functionality.

6. OPERATION

Once properly installed and powered on, the Vikye TV Amplifier automatically amplifies and distributes the incoming signal to all connected output devices. No further user interaction is typically required for basic signal boosting.

Using the Equalizer:

The integrated equalizer in the amplifier automatically adjusts the gain to compensate for signal loss, particularly for high-frequency signals that tend to degrade more over longer cable runs. This feature ensures a balanced signal strength across the entire frequency range, optimizing picture and sound quality without manual adjustment.

7. TROUBLESHOOTING

If you encounter issues with your TV amplifier, please refer to the following common problems and solutions:

- **No Signal or Poor Picture Quality:**

- Ensure all coaxial cables are securely connected to the amplifier and your devices.
- Verify that the amplifier is powered on (green LED illuminated).
- Check the signal source (antenna or cable) for proper connection and functionality.
- Perform a channel scan on your television(s) after installation or if channels are missing.
- If using an outdoor antenna, ensure it is properly aimed and free from obstructions.

- **Amplifier Not Powering On:**

- Ensure the power adapter is securely plugged into both the amplifier and a working electrical outlet.
- Try plugging the power adapter into a different outlet to rule out a faulty power source.

- **Interference or Static:**

- Ensure all cables are high-quality and properly shielded to minimize interference.
- Check for loose connections at all points.
- Keep the amplifier away from other electronic devices that may cause interference.

8. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your Vikye TV Amplifier, follow these simple care guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or abrasive chemicals.
- **Environment:** Keep the amplifier in a dry environment, away from direct sunlight, extreme temperatures, and high humidity.
- **Ventilation:** Ensure adequate airflow around the unit to prevent overheating. Do not block ventilation openings.
- **Handling:** Avoid dropping or subjecting the amplifier to strong impacts.

9. WARRANTY AND CUSTOMER SUPPORT

Vikye products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official Vikye website. Please have your model number (Vikyeec30bg9g6i) and purchase information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question