

Edision CAM-100

EDISION CAM-100 TV Antenna Amplifier User Manual

Model: CAM-100 | Brand: Edision

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EDISION CAM-100 Broadband TV Antenna Amplifier. The CAM-100 is designed to enhance Digital Terrestrial Television (DVB-T/T2) signals, featuring adjustable gain and integrated 5G LTE protection to ensure optimal reception quality.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installing or operating the device. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- Ensure the power supply voltage matches the requirements specified on the device.
- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not open the device casing. Refer all servicing to qualified personnel.
- Disconnect the power supply before making any connections or disconnections.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- EDISION CAM-100 TV Antenna Amplifier
- Quick Start Guide



The EDISION CAM-100 amplifier presented in its retail box, showcasing the product branding and key features listed on the packaging.

4. PRODUCT OVERVIEW

The EDISION CAM-100 is a compact broadband amplifier designed for UHF signals. It features adjustable gain and a built-in 5G LTE filter.



The EDISION CAM-100 broadband amplifier, shown with its power plug, features a single UHF input, adjustable gain from 18-34dB, and two output ports (one main, one -20dB test port). It includes 5G LTE protection and operates within the UHF 470-694MHz frequency range.



Close-up front view of the EDISION CAM-100, clearly displaying the UHF input, the adjustable gain knob, the -20dB test output, and the main output port. The 5G LTE PROTECTION label is also visible.



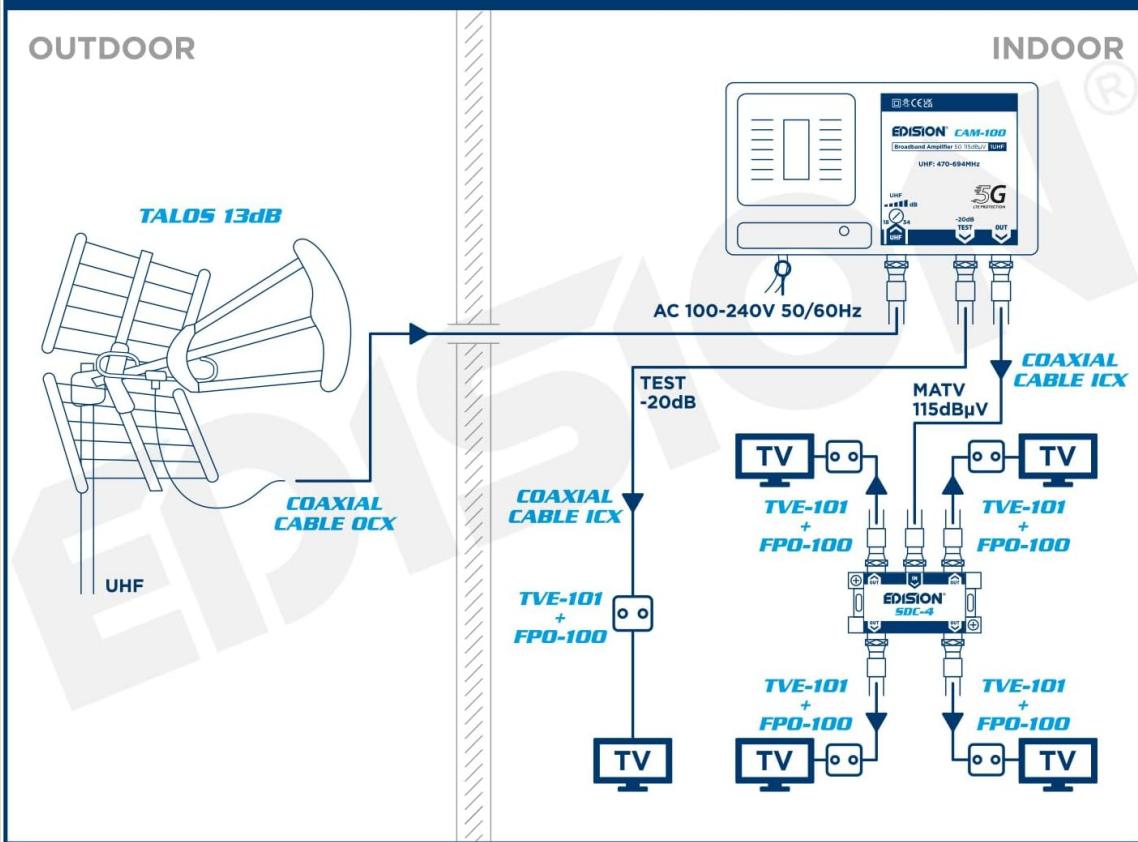
The rear side of the EDISION CAM-100 amplifier, featuring keyhole slots for wall mounting, indicating easy installation.

5. SETUP AND INSTALLATION

Follow these steps to properly install your EDISION CAM-100 amplifier:

- 1. Mounting:** Choose a suitable indoor location for the amplifier, away from direct heat or moisture. Use the keyhole slots on the back of the unit to securely mount it to a wall or flat surface.
- 2. Antenna Connection:** Connect your outdoor UHF antenna cable to the **UHF IN** port on the amplifier. Ensure the connection is secure.
- 3. TV Connections:** Connect your television(s) to the **OUT** port(s) of the amplifier using coaxial cables. The main output provides the amplified signal. There is also a **-20dB TEST** port for signal measurement or connecting a single device with reduced signal.
- 4. Power Connection:** Plug the amplifier's power cord into a standard AC 100-240V, 50/60Hz electrical outlet. The power indicator LED on the front of the unit should illuminate.
- 5. Adjust Gain:** Turn the adjustable gain knob (labeled **UHF dB**) to set the desired amplification level. Start with a lower setting and gradually increase it until optimal signal quality is achieved on your television.

APPLICATION EXAMPLE



An illustrative diagram demonstrating a typical installation scenario for the EDISION CAM-100. It shows an outdoor UHF antenna connected to the amplifier, which then distributes the signal to multiple televisions indoors, including connections for a test point.

6. OPERATING INSTRUCTIONS

Once installed, the EDISION CAM-100 operates continuously when powered. The primary operational adjustment is the gain control.

- Power Indicator:** A green LED on the front panel indicates that the amplifier is receiving power and is operational.
- Gain Adjustment:** Use the rotary knob to adjust the UHF signal gain between 18dB and 34dB. Adjust this setting while monitoring your TV's signal quality meter (if available) or picture quality. The goal is to achieve a strong, stable signal without over-amplification, which can cause distortion.
- Test Output:** The -20dB TEST output provides a reduced signal level, useful for connecting a single TV or for signal strength measurements without affecting the main output.

7. MAINTENANCE

The EDISION CAM-100 requires minimal maintenance to ensure long-term performance.

- Cleaning:** Periodically wipe the exterior of the unit with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

- **Ventilation:** Ensure that the ventilation slots on the device are not obstructed to prevent overheating.
- **Connections:** Occasionally check all cable connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

If you experience issues with your EDISION CAM-100, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power indicator light	No power to the unit	Check power cord connection and wall outlet. Ensure the outlet is live.
No signal or weak signal on TV	<ul style="list-style-type: none"> • Incorrect connections • Insufficient gain • Over-amplification • Antenna issues 	<ul style="list-style-type: none"> • Verify all coaxial cables are securely connected to the correct ports. • Adjust the gain knob gradually to increase amplification. • If signal is distorted, reduce the gain to prevent over-amplification. • Check your outdoor antenna for proper alignment and condition.
Distorted picture or sound	Signal over-amplification or interference	Reduce the gain setting. Ensure the 5G LTE filter is effective; if interference persists, check for external sources.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	CAM-100 (26-01-0403)
Frequency Range	UHF 470-694 MHz
Input	1 UHF
Outputs	1 Main Output, 1 Test Output (-20dB)
Adjustable Gain	18-34 dB (UHF)
Max. Output Level	115 dB μ V
Filter	5G LTE Protection

Feature	Specification
Power Supply	AC 100-240V, 50/60Hz
Dimensions	11 x 14 x 5 cm
Weight	270 g
Compatible Devices	TV antenna, Televisions

10. WARRANTY INFORMATION

EDISION products are covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official Edision website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

11. SUPPORT

For further assistance, technical support, or to view additional products, please visit the official Edision store or contact customer service:

- **Edision Store:** [Visit the Edision Store on Amazon](#)
- **Customer Service:** Refer to the contact information provided in your Quick Start Guide or on the official Edision website.

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Related Documents - CAM-100

	<p>EDISION LIA-301 5G UHF/VHF Line Amplifier: Features, Specs, and Installation Guide</p> <p>Detailed user manual and installation guide for the EDISION LIA-301 5G UHF/VHF Line Amplifier. Learn about its key features, technical specifications, and how to install it for optimal signal reception. Includes support information and resources.</p>
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 Executive Update / User's Guide / Bedienungsanleitung	<h3>EDISION HDMI Modulator 3in1 mini: User Guide, Features & Specifications</h3> <p>Explore the EDISION HDMI Modulator 3in1 mini with this comprehensive user guide. Learn how to convert HDMI signals to DVB-T, DVB-C, or ISDB-T, its compact design, installation steps, and technical specifications for optimal performance.</p>
 USB WiFi & Online Software Update Support	<h3>Edision Picco T265 Pro: USB WiFi and Online Software Update Guide</h3> <p>Learn how to set up USB WiFi and perform online software updates on your Edision Picco T265 Pro Digital Terrestrial and Cable Receiver. Includes instructions for accessing internet apps like YouTube and Weather.</p>
 Quick Guide	<h3>EDISION OS mini Quick Guide: Features, Accessories, and Installation</h3> <p>A comprehensive quick guide for the EDISION OS mini digital satellite receiver, covering its features, included accessories, front and rear views, installation steps, remote control functions, safety instructions, and disposal guidelines.</p>
 One Source for all your TV channels via DVB-T/T2/C tuner. Watch TV on your PC, tablet, smartphone, or any other device with HEVC/H.265 support.	<h3>Edision EDI-COMBO T2/C Tuner Quick Guide</h3> <p>A concise guide to installing and using the Edision EDI-COMBO T2/C Tuner with Windows and Android devices for DVB-T/T2/C TV channel viewing.</p>
 Please use the following guide to set up and operate the EDISION picco T265+ digital receiver. It includes instructions for connecting and switching on the receiver, setting up the remote control, and using the receiver's features.	<h3>EDISION picco T265+ Digital Receiver: Setup and Remote Control Guide</h3> <p>A concise guide to setting up and operating the EDISION picco T265+ digital terrestrial and cable receiver, including detailed instructions for its universal remote control and learning functions.</p>