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Hama 00205234

Hama BB/CATV Amplifier 00205234

USER MANUAL

1. Introduction

Thank you for choosing the Hama BB/CATV Amplifier 00205234. This device is designed to amplify antenna signals for both cable television (CATV) and satellite antenna systems, ensuring a clear and stable signal reception. With its adjustable gain of up to 25 dB, you can fine-tune the signal strength to suit your specific needs. Please read this manual carefully before installation and use to ensure proper operation and safety.

2. Safety Instructions

- This device is intended for indoor use only. Do not expose it to moisture, rain, or extreme temperatures.
- Do not open the device casing. Servicing should only be performed by qualified personnel.
- Ensure the power outlet is easily accessible and properly grounded.
- Disconnect the device from the power supply before cleaning or if it will not be used for an extended period.
- Avoid placing the device near heat sources or in direct sunlight.

3. Package Contents

Please check that all items are present and in good condition:

- Hama BB/CATV Amplifier 00205234 (Main Unit)

4. Product Overview

Familiarize yourself with the components of your Hama BB/CATV Amplifier:



Figure 1: Front view of the Hama BB/CATV Amplifier 00205234. It features an "IN" port for the incoming antenna signal, an "OUT" port for the amplified signal to your television or receiver, a rotary knob for signal gain adjustment, a blue LED indicator, and an integrated power plug.

1. **IN Port:** Connects to the incoming antenna cable (from wall outlet or satellite dish).
2. **OUT Port:** Connects to your television, receiver, or distribution system.
3. **Adjustment Knob:** Used to control the amplification level (gain).
4. **LED Indicator:** Illuminates when the device is powered on.
5. **Integrated Power Plug:** For connecting to a standard electrical outlet.

5. Setup and Installation

Follow these steps to install your Hama BB/CATV Amplifier:

1. **Identify Connection Points:** Locate the antenna cable coming from your wall outlet or satellite dish (this will be your input signal) and the input port on your television or receiver (this will be your output destination).
2. **Connect Input Cable:** Connect the incoming antenna cable to the **IN** port on the Hama amplifier. Ensure the

connection is secure.

3. **Connect Output Cable:** Use a suitable coaxial cable (not included) to connect the **OUT** port of the Hama amplifier to the antenna input on your television or receiver. Ensure the connection is secure.
4. **Power Connection:** Plug the integrated power plug of the amplifier into a standard electrical wall outlet. The blue LED indicator on the amplifier should illuminate, indicating that the device is powered on.
5. **Initial Adjustment:** Turn the adjustment knob to its minimum setting (usually fully counter-clockwise) before turning on your television.

Note: For optimal performance, ensure all coaxial cable connections are tight and free from damage.

6. Operating the Amplifier

The Hama BB/CATV Amplifier features an adjustable gain control to optimize your signal strength.

1. **Power On:** Ensure the amplifier is plugged into a power outlet and the blue LED is lit.
2. **Turn on TV/Receiver:** Switch on your television or receiver and select the appropriate input source (e.g., "Antenna" or "Cable").
3. **Adjust Gain:** Slowly turn the adjustment knob clockwise to increase the amplification. Observe your television screen for signal quality.
 - If the picture is pixelated or distorted, the signal might be too weak or too strong.
 - Adjust the knob until you achieve the clearest possible picture and sound.
 - Over-amplification can lead to signal distortion, so avoid setting the gain higher than necessary.
4. **Scan Channels (if necessary):** After adjusting the gain, you may need to perform a channel scan on your television or receiver to detect new or improved channels. Refer to your TV's manual for instructions on how to perform a channel scan.

7. Maintenance and Care

- **Cleaning:** Disconnect the amplifier from the power outlet before cleaning. Use a soft, dry, lint-free cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the device for an extended period, unplug it and keep it in a cool, dry place away from direct sunlight and moisture.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion or damage.

8. Troubleshooting

Problem	Possible Cause	Solution
No picture or poor signal quality.	<ul style="list-style-type: none">◦ Amplifier not powered.◦ Incorrect cable connections.◦ Gain setting too low or too high.◦ Damaged cables.	<ul style="list-style-type: none">◦ Ensure amplifier is plugged in and LED is lit.◦ Check all IN/OUT connections are secure.◦ Adjust the gain knob slowly to find optimal setting.◦ Inspect cables for damage; replace if necessary.

Problem	Possible Cause	Solution
Blue LED not illuminated.	<ul style="list-style-type: none"> No power to the outlet. Amplifier malfunction. 	<ul style="list-style-type: none"> Check the power outlet with another device. If outlet is working, the amplifier may be faulty. Contact support.
Picture is distorted or over-saturated.	<ul style="list-style-type: none"> Signal is over-amplified. 	<ul style="list-style-type: none"> Slowly turn the gain adjustment knob counter-clockwise to reduce amplification.

9. Technical Specifications

Model Number:	00205234
Brand:	Hama
Amplification (Gain):	Up to 25 dB (adjustable)
Frequency Range:	862 MHz
Connector Type:	Auxiliary (Coaxial F-type)
Compatible Devices:	Satellite Antenna, Television
Usage Environment:	Indoor
Item Weight:	0.19 Kilograms

10. Warranty and Support

Hama products are subject to strict quality controls. Should you nevertheless experience a problem with this product, please contact your retailer or the Hama service department. Please retain your proof of purchase for any warranty claims. For detailed warranty terms and conditions, please refer to the official Hama website or contact their customer support.