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goobay 67155-GB

Goobay 67155 Universal Head/SAT Antenna Amplifier

INSTRUCTION MANUAL

Introduction

The Goobay 67155 is a compact and efficient inline amplifier designed to boost antenna signals for both universal and SAT applications. It operates within a wide frequency range of 47 MHz to 2400 MHz, making it suitable for various signal types. This manual provides essential information for the proper installation, operation, and maintenance of your amplifier.

Key Features:

- Connection via F-connectors
- Receiver via coaxial cable
- Voltage: 15 V DC (+/- 3 V)
- Amplification: 20 dB
- Noise Factor: max. 4.5 dB

Setup

Follow these steps for proper installation of your Goobay 67155 amplifier:

1. **Identify Connection Points:** Locate the LNB (Low Noise Block) output from your satellite dish or antenna and the input for your receiver (RCVR). The amplifier has clearly marked "TO LNB" and "TO RCVR" ports.
2. **Connect to LNB:** Connect the coaxial cable coming from your LNB or antenna to the "TO LNB" port on the amplifier using an F-connector. Ensure the connection is secure.
3. **Connect to Receiver:** Connect another coaxial cable from the "TO RCVR" port on the amplifier to the antenna/satellite input on your receiver or TV. Ensure this connection is also secure.
4. **Power Supply:** The amplifier is designed to be powered via the coaxial cable from your receiver (DC 15V). No external power supply is needed for the amplifier itself.
5. **Test Signal:** Turn on your receiver and check the signal strength and quality. The amplifier should significantly improve these values.



Image: The Goobay 67155 Inline Amplifier, showing its compact design and clearly labeled input/output ports for connection to the LNB and receiver.

Operating

Once correctly installed, the Goobay 67155 amplifier operates automatically. It is a passive device that amplifies the signal passing through it, requiring no user interaction after setup.

- The amplifier boosts the signal by 20 dB, which helps compensate for signal loss over long cable runs or due to splitters.
- It is designed for continuous operation and does not have an on/off switch.
- Ensure your receiver provides the necessary 15V DC power through the coaxial cable for the amplifier to function correctly.

Maintenance

The Goobay 67155 amplifier requires minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the amplifier. Do not use liquid cleaners or abrasive materials.
- **Environment:** Install the amplifier in a dry location, away from direct sunlight, extreme temperatures, and moisture.
- **Connections:** Periodically check all F-connector connections to ensure they are tight and free from corrosion. Loose connections can lead to signal degradation.
- **Physical Damage:** Avoid dropping or subjecting the amplifier to strong impacts, as this can damage internal components.

Troubleshooting

If you experience issues with your Goobay 67155 amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No signal or poor signal quality after installation.	Loose F-connector connections. Incorrect connection (input/output reversed). Receiver not providing 15V DC power. Amplifier faulty.	Check and tighten all F-connector connections. Ensure "TO LNB" is connected to the LNB/antenna and "TO RCVR" to the receiver. Verify your receiver's settings to ensure it outputs 15V DC to the LNB/amplifier. Consult your receiver's manual. If all else fails, the amplifier may be faulty and require replacement.
Signal strength is still low.	Excessive signal loss before the amplifier. Amplifier not sufficient for the signal loss.	Ensure the amplifier is placed as close as possible to the signal source (LNB/antenna) to minimize loss before amplification. For very long cable runs or multiple splitters, a higher gain amplifier or multiple amplifiers might be needed.

Specifications

Specification	Value
Brand	goobay
Item Model Number	67155-GB
Product Dimensions (L x W x H)	2 x 2 x 2 cm; 39.5 grams
Item Dimensions L x W x H	20 x 20 x 20 millimeters
Manufacturer	Wentronic GmbH
Country of Origin	Germany
Voltage	15 Volts
Maximum Supply Voltage	15 Volts (DC)
Minimum Supply Voltage	15 Volts
Mounting Type	Standalone
Number of Channels	1
Output Power	100 Watts
Package Type	Plastic shell
Frequency Range	47 MHz to 2400 MHz
Amplification	20 dB
Noise Factor	max. 4.5 dB

Warranty and Support

This product is manufactured by Wentronic GmbH. For specific warranty information, please refer to the documentation

provided with your purchase or contact the retailer. General return policy for this product is 30 days for refund/replacement when sold by Amazon.
For technical support or further inquiries, please contact your point of purchase or visit the official Goobay website for contact information.

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