

Meliconi AT55

Meliconi AT55 Amplified Indoor TV Antenna User Manual

Model: AT55 (881016)



1. INTRODUCTION

The Meliconi AT55 is an amplified indoor TV antenna designed for optimal reception of digital terrestrial television (DVB-T), high-definition DVB-T (DVB-T HD), and digital radio (DAB+) signals. This antenna is equipped with special filters to minimize interference from 4G and 5G signals and is prepared for DVB-T2 HEVC reception. Its advanced internal amplification circuit ensures a low noise figure of less than 1 dB, contributing to clear signal quality.

This manual provides essential information for the correct installation, operation, and maintenance of your Meliconi AT55 antenna.

2. SAFETY INFORMATION

- Read all instructions before use and retain them for future reference.
- Do not expose the antenna to rain or moisture.
- Ensure the power supply voltage matches the requirements specified on the adapter.
- Disconnect the power adapter during lightning storms or when unused for extended periods.
- Do not attempt to open or modify the antenna. Refer all servicing to qualified personnel.
- Keep the antenna away from heat sources and direct sunlight.
- Place the antenna on a stable, flat surface to prevent it from falling.

3. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- Meliconi AT55 Amplified Indoor TV Antenna
- AC/DC Power Adapter (230V)
- USB Power Cable (5V)
- Instruction Manual

4. SETUP

Follow these steps to set up your Meliconi AT55 antenna:

1. **Antenna Placement:** Position the antenna in an optimal location, ideally near a window and away from large metal objects or other electronic devices that could cause interference. Experiment with different positions to find the best signal reception.
2. **Connect to TV/Decoder:** Connect the antenna's coaxial cable to the 'Antenna In' or 'RF In' port on your television or digital terrestrial decoder.
3. **Power Connection:** The antenna can be powered in two ways:
 - **Via AC Adapter:** Connect the included AC/DC power adapter to the antenna's power input port and then plug the adapter into a standard wall outlet.
 - **Via USB:** Connect the included USB power cable to the antenna's USB input port. Then, connect the other end of the USB cable to a free USB port on your TV or decoder (if compatible and provides 5V power).
4. **Channel Scan:** Access the menu on your TV or decoder and perform an automatic channel scan. Refer to your TV or decoder's manual for specific instructions on how to do this.



Image 1: Rear view of the Meliconi AT55 antenna, illustrating the power input and coaxial cable connection points. The antenna features a curved black design with a sturdy base.



Image 2: Front view of the Meliconi AT55 antenna, showcasing its sleek, curved black design. The Meliconi logo is subtly visible on the lower left portion of the antenna's face.

5. OPERATING INSTRUCTIONS

Once the antenna is set up and channels are scanned, operation is straightforward:

- **Channel Selection:** Use your TV or decoder remote control to select desired channels.
- **Signal Optimization:** If you experience poor signal quality on certain channels, try slightly adjusting the antenna's position or orientation. Perform another channel scan after significant adjustments.
- **Power Indicator:** The antenna typically features an LED indicator to confirm it is receiving power.

6. MAINTENANCE

The Meliconi AT55 antenna requires minimal maintenance:

- **Cleaning:** Wipe the antenna with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the antenna for an extended period, disconnect it from power and store it in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your antenna, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No signal or poor picture quality	<ul style="list-style-type: none"> • Incorrect antenna placement • Loose cable connections • No power to the amplifier • Distance from transmitter/repeater • Obstructions (walls, buildings) 	<ul style="list-style-type: none"> • Adjust antenna position, try near a window. • Ensure all cables are securely connected. • Verify power adapter or USB cable is properly connected and functioning. • Perform a new channel scan on your TV/decoder. • Note: The antenna's effective range is up to 30 km from a repeater. Significant barriers can impede signal reception.
Interference from mobile signals (4G/5G)	Antenna is designed with built-in filters.	The AT55 includes integrated 4G and 5G interference filters. Ensure the antenna is powered correctly for the amplifier and filters to function optimally.
Antenna not powering on	<ul style="list-style-type: none"> • Power adapter/USB cable issue • Power outlet issue 	<ul style="list-style-type: none"> • Check if the power adapter is securely plugged in and the outlet is functional. • If using USB power, ensure the TV/decoder USB port provides 5V power. • Try an alternative power source (e.g., wall adapter instead of USB, or vice versa).

8. SPECIFICATIONS

- **Brand:** Meliconi
- **Model Number:** 881016
- **Product Type:** Amplified Indoor TV Antenna
- **Color:** Black
- **Compatibility:** DVB-T, DVB-T HD, DVB-T2 HEVC, DAB+ Radio
- **Frequency Range:** VHF (174 ~ 230 MHz), UHF (470 ~ 694 MHz)
- **Interference Filters:** 4G, 5G
- **Noise Figure:** <1 dB
- **Maximum Range:** Up to 30 km from repeater
- **Power Supply:** AC/DC Adapter (230V) or USB (5V)
- **Dimensions (L x W x H):** 27.5 cm x 5.5 cm x 13.1 cm
- **Compatible TV Brands:** Samsung, LG, Sony, Philips, Panasonic, United, Telefunken, Hitachi, Haier, OK, Kennex, Toshiba, Sharp, Thomson

9. WARRANTY AND SUPPORT

Meliconi products are manufactured to high-quality standards and come with a standard manufacturer's warranty.

For specific warranty details, please refer to the documentation provided with your purchase or contact Meliconi customer support.

For technical assistance or support, please contact Meliconi directly:

Email: info@meliconi.com

Phone: +39 051 68211


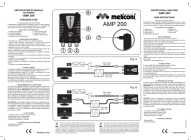
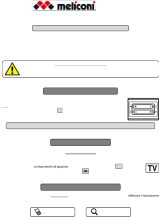


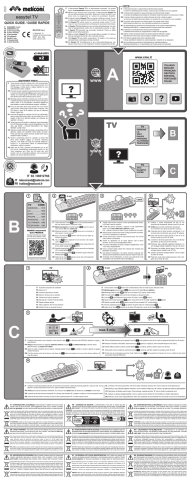

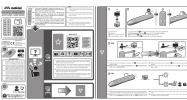
Image 3: Meliconi technical support contact details, including email address and phone number, for customer assistance.



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Related Documents - AT55

	<p>Meliconi AT52 R1 Amplified Indoor TV Antenna Instructions</p> <p>User manual and instructions for the Meliconi AT52 R1 amplified indoor TV antenna, covering installation, operation, and technical specifications. This antenna receives digital terrestrial TV (DVB-T/DVB-T2) and DAB+ radio signals.</p>
	<p>Meliconi AMP 200 Indoor Signal Amplifier User Instructions</p> <p>User instructions for the Meliconi AMP 200 indoor signal amplifier. This guide details the product's features, safety warnings, installation steps, and technical specifications for improving signal reception.</p>
	<p>Meliconi Fully 8.1 Universal Remote Control User Manual</p> <p>User manual for the Meliconi Fully 8.1 universal remote control. This guide provides detailed instructions on setting up, programming, and using the remote to control up to 8 different types of devices including TVs, satellite receivers, DVD/Blu-ray players, and more. Learn about manual code search, direct code entry, the MEMO function for recording sequences, and troubleshooting common issues. Includes safety warnings, battery information, and warranty details.</p>

	<p>Easytel TV Universal Remote Control Quick Start Guide Meliconi</p> <p>Learn how to set up and program your Meliconi Easytel TV universal remote control with this quick start guide. Includes instructions for code finding, entry, and troubleshooting.</p>
	<p>Meliconi TLC evo 1 Quick Guide: SAMSUNG TV Remote Control</p> <p>A quick guide for the Meliconi TLC evo 1 remote control, designed for SAMSUNG digital TVs. Learn how to set up and troubleshoot your remote, including battery testing and warranty information.</p>
	<p>Meliconi Personal3+ Quick Guide: Setup and Usage for SONY TVs</p> <p>This quick guide provides essential information for setting up and using the Meliconi Personal3+ remote control (model PJN240023) with SONY digital televisions. Learn about initial setup, battery testing, and basic functions.</p>