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POBADY FM 2

POBADY FM Radio Dipole Antenna User Manual

Model: FM 2

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your POBADY FM Radio Dipole Antenna. Designed to enhance FM signal reception for various audio systems, this antenna offers a simple and effective solution for improved listening experiences. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

Product Overview

Features

- Product Type: FM/AM Radio Antenna Dipole Antenna Indoor 75 Ohm Y Shape.
- Frequency Range: 520-1710 MHz, suitable for both AM and FM radio reception.
- Connector Type: TV/PAL female Right Angle connector for easy connection.
- Cable Length: 2 meters (approximately 6.56 feet) pure copper double wire.
- Gain: 3 dBi, designed to improve signal strength.
- Compatibility: Suitable for home amplifiers, stereo receivers, and car radios. Compatible with brands like Onkyo, Denon, Marantz, Pioneer, Sangean, Yamaha, JVC, Sherwood, Panasonic.
- Installation: Plug and play compliant, coax coupling for simple setup.
- Indoor Use: Optimized for indoor environments such as tables, offices, homes, attics, garages, and basements.

Package Contents

- 1x POBADY FM Radio Dipole Antenna (Model FM 2)

Product Visuals



Image: The POBADY FM Radio Dipole Antenna, showing its coiled pink wire and the right-angle TV/PAL female connector.



Image: A view of the antenna uncoiled, highlighting the two black mounting clips and a detailed inset of the right-angle TV/PAL female connector.



Image: A close-up shot of the TV/PAL female connector, indicating its type for connection to audio devices.

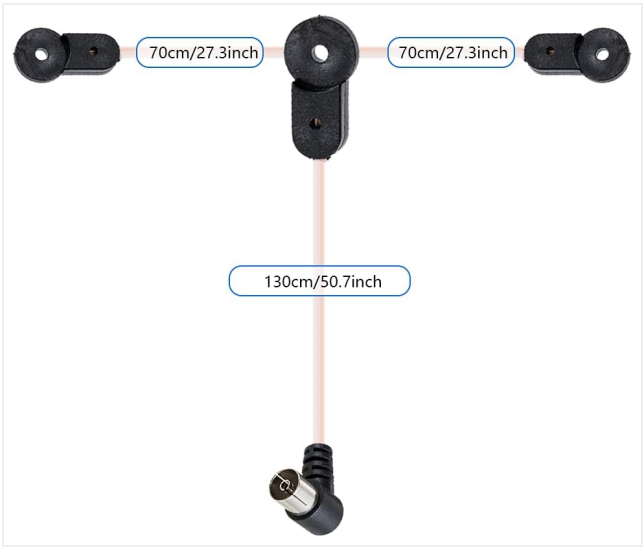


Image: A diagram illustrating the dimensions of the antenna, including the length of the dipole arms (70cm/27.3inch each) and the main cable length (130cm/50.7inch).

Setup Instructions

1. **Identify the Antenna Port:** Locate the FM antenna input port on your stereo receiver, home amplifier, or car radio. This port is typically labeled "FM Antenna" or "75 Ohm FM" and often uses a coaxial (TV/PAL female) connection.
2. **Check Connector Type:** Before connecting, verify that your audio device has a compatible TV/PAL female socket connector. This antenna is designed for this specific type.
3. **Connect the Antenna:** Gently push the right-angle TV/PAL female connector of the POBADY antenna into the corresponding port on your audio device. Ensure a snug fit.
4. **Position the Antenna:**
    - Uncoil the antenna wire completely.
    - Extend the two dipole arms (the 'T' shape) as widely as possible.
    - For optimal reception, position the antenna in an elevated location, away from large metal objects, electronic devices, and walls that may cause interference.
    - Consider locations such as on top of a bookshelf, behind a curtain, or mounted on a non-metallic surface using the integrated clips.
    - Experiment with different orientations (horizontal, vertical, or angled) to find the best signal reception for your

desired stations.

5. **Secure the Antenna (Optional):** Use the provided black clips to secure the dipole arms to a wall or other surface, if desired, to maintain optimal positioning.

Important Note: Ensure the antenna connector type matches your receiver's input. Incompatible connectors may require an adapter (not included) or may not provide a secure connection.

Operating Instructions

Once the POBADY FM Radio Dipole Antenna is connected and positioned, operate your audio system as usual to tune into FM radio stations.

1. **Power On:** Turn on your stereo receiver or radio.
2. **Select FM Mode:** Switch your audio device to FM radio mode.
3. **Tune to Stations:** Use your device's tuning controls (manual or automatic scan) to find desired FM stations.
4. **Optimize Reception:** If a station's signal is weak or noisy, slightly adjust the position and orientation of the antenna arms. Small changes can significantly impact reception quality.

Maintenance

The POBADY FM Radio Dipole Antenna requires minimal maintenance.

- **Cleaning:** Periodically wipe the antenna wire and connector with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the antenna, gently coil the wire to prevent kinks or damage. Avoid sharp bends.
- **Handling:** Handle the connector with care to avoid bending or damaging the internal pin.

Troubleshooting

Problem	Possible Cause	Solution
Poor or no FM reception.	◦ Antenna not properly connected. ◦ Antenna poorly positioned. ◦ Interference from other electronics or building materials. ◦ Weak broadcast signal in your area.	◦ Ensure the antenna connector is fully inserted into the receiver's FM input. ◦ Adjust the antenna's position and orientation. Try moving it higher or closer to a window. ◦ Move the antenna away from other electronic devices (TVs, computers, microwaves). ◦ This antenna is designed to improve reception, but extremely weak signals may still be difficult to receive.
Antenna connector does not fit the receiver.	◦ Incompatible connector type on the receiver. ◦ Internal pin of the antenna connector is too wide or misaligned for the receiver's socket.	◦ This antenna uses a TV/PAL female connector. Verify your receiver requires this type. ◦ If your receiver has an F-type coaxial input, you will need a TV/PAL male to F-type female adapter (not included). ◦ If the internal pin is physically too large for your receiver's socket, the antenna may be incompatible with that specific unit. Consider checking the receiver's manual for exact specifications or consulting with an electronics specialist.

Problem	Possible Cause	Solution
Static or distorted audio.	◦ Weak signal. ◦ Interference.	◦ Reposition the antenna for better signal strength. ◦ Ensure the antenna is fully extended and not obstructed. ◦ Check for nearby devices causing electromagnetic interference.

Specifications

Feature	Detail
Product Type	FM/AM Radio Dipole Antenna
Impedance	75 Ohm
Frequency Range	520-1710 MHz
Connector Type	TV/PAL Female Right Angle
Cable Length	2 meters (approx. 6.56 feet)
Cable Type	2P 26AWG Pure Copper Double Wire
Gain	3 dBi
Working Voltage	12V
Color	Pink
Product Dimensions (coiled)	3.94 x 2.36 x 3.15 inches
Item Weight	0.211 ounces (approx. 6 grams)
Manufacturer	POBADY

Warranty and Support

Specific warranty information for this product is not provided in the available documentation. For any product-related inquiries, technical support, or assistance, please contact the retailer or the manufacturer, POBADY, through their official channels. Retain your purchase receipt for any potential warranty claims.

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