

AM/FM Powered Radio Antenna

Quick Setup Guide

BE-ANT20FM



Before using your new product, please read these instructions to prevent any damage.

This antenna is specifically designed for indoor AM/FM radio reception, featuring a compact and stylish housing to complement your AM/FM radio. Range and performance can be impacted by several external factors. See "Tips for better reception" and "Troubleshooting" to improve reception.

Package contents

- Balun adapter
- Antenna
- Antenna stand
- *Quick Setup Guide*
- Power adapter

Features

- Receive AM/FM radio broadcasts, including HD
 - Maximize reception and sound quality
 - Easy routing with coaxial cabling
 - Ensure stability with a weighted, non-slip base
 - Expands connection options with balun adapter
 - Built and backed by Best Buy
- *Note:** Mile range will vary, depending on a wide range of environmental and geographic factors.

Setting up and using your antenna

Install this antenna near your AM/FM radio or receiver with an AM/FM tuner.

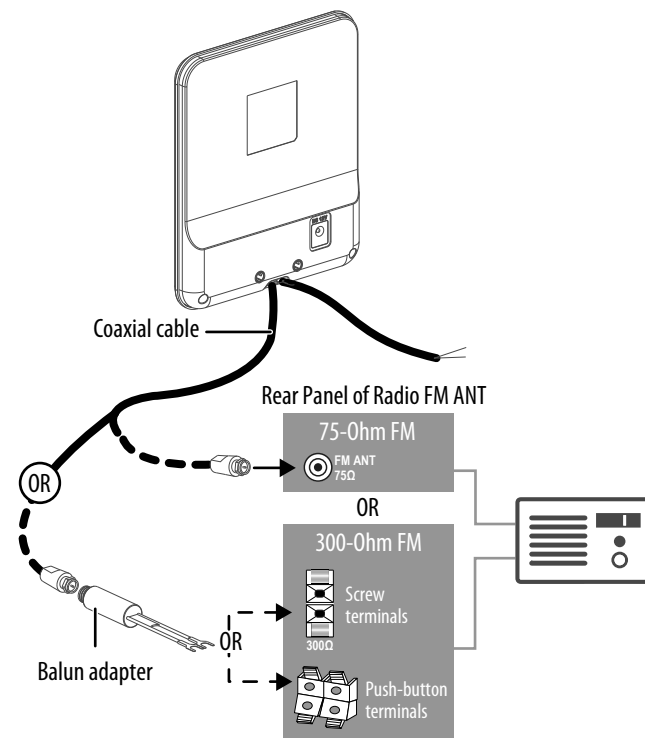
1 Select a location to place your antenna. See “Tips for Better Reception” for more information.

Note: This is an indoor antenna. Do not place it outside.

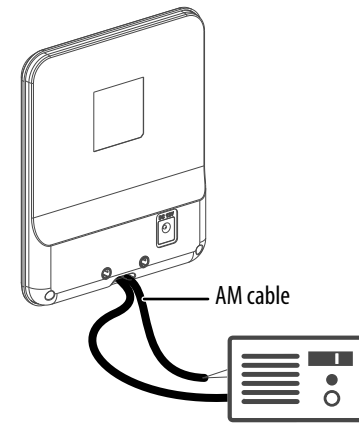
2 If your radio has a 75-Ohm FM connector, connect the antenna’s coaxial cable to your radio’s 75-Ohm FM connector.

OR

If your radio has a 300-Ohm FM connector, connect the antenna’s coaxial cable to the balun adapter, then connect the other end of the balun adapter to your radio’s push-button or screw terminals.

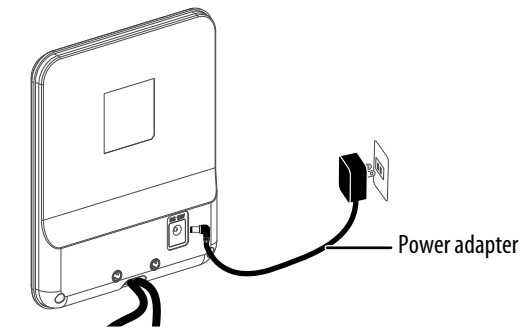


3 Connect the antenna’s AM cable to your radio’s push-button or screw terminal AM connector.

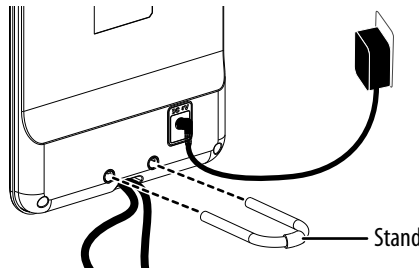


4 Connect the power adapter to the antenna’s DC 12 V input, then plug the AC end into an AC outlet.

Note: Use only the supplied power adapter.



5 Attach the stand to your antenna, then place it on a stable surface.



6 Turn on the radio and begin tuning.

Note: When you finish the installation, tune your radio to check the signal strength and quality. If the quality is not good enough, move the antenna to get the best reception.

Tips for better reception

For the best reception:

- It's better to install the antenna in a higher position that's away from large obstacles between the antenna and transmission tower.
- Install the antenna near a window. If possible, place the antenna within 6.6 ft. (2 m) of a window.
- Keep the antenna away from sources of interference such as air conditioners, refrigerators, computers, and microwave ovens.
- Test the antenna in multiple locations to find the best signal.
- This antenna is an indoor antenna. Do not place it outside.
- This antenna works with any radio tuner with external antenna inputs. See your device's manual to check compatibility.

Troubleshooting

Cannot find any stations

- Make sure that all your connections are correct and secure.
- Adjust the direction and position of antenna to find the best reception angle.

Sound quality is good for some stations and poor or no reception for others

- Move your antenna, then try tuning for stations again.
- Keep the antenna away from TVs and sources of interference, such as air conditioners, hair dryers, and microwave ovens.
- Avoid placing your antenna near large metal objects or in buildings with metal siding.
- Your antenna may be too far from the broadcast antenna to receive an adequate signal. The signal may also be affected by obstructions between the broadcast antenna and your antenna.

Specifications

- **Dimensions (H×W×D):** 6.7 × 5.6 × 1 in. (17.1 × 14.3 × 2.4 cm)
- **Range:** 50 miles
***Note:** Mile range will vary depending on a wide range of environmental and geographic factors
- **Frequency range:** AM: 530~1610 KHz / FM: 88~108 MHz
- **Amplifier gain:** FM 16±3 dB
- **Output return loss:** < -6 dB (88~108 MHz)
- **RF output impedance:** Unbalanced 75 ohm FM radio; 300 ohm balanced
- **RF coaxial cable:** 1.5C-2V/ 1.8M F male

Legal notices

FCC Statement

1. FCC Caution - §15.21:

"Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

2. FCC Statement - §15.105(b):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

One-year limited warranty

Visit www.bestbuy.com/bestbuyessentials for details.

Contact Best Buy Essentials

For customer service, call 866-597-8427 (U.S. and Canada)

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