

[Manuals.plus](#) /

› [ABBREE](#) /

› ABBREE Mini Short Dual Band VHF/UHF Ham Radio Antenna Instruction Manual

ABBREE AR-805S, AR-806+

ABBREE Mini Short Dual Band VHF/UHF Ham Radio Antenna Instruction Manual

Model: AR-805S, AR-806+

INTRODUCTION

This manual provides instructions for the ABBREE AR-805S and AR-806+ Mini Short Dual Band VHF/UHF Ham Radio Antennas. These antennas are designed to enhance communication distance and clarity for compatible two-way radios. Their compact size offers portability and convenience.

PACKAGE CONTENTS

- 2 x ABBREE AR-805S Antennas
- 2 x ABBREE AR-806+ Antennas



Image: The package includes two AR-805S antennas and two AR-806+ antennas, each individually packaged.

PRODUCT FEATURES

- **Dual Band Operation:** Supports VHF (144MHz) and UHF (430MHz) frequencies.
- **Enhanced Range:** High gain design to increase communication distance.
- **Compact Size:** AR-805S is 1.96 inches (5cm), AR-806+ is 3.14 inches (8cm) for easy portability.
- **SMA-Female Connector:** Compatible with a wide range of ham radios.
- **Max Power:** 10W.

- Impedance: 50 OHM.

COMPATIBILITY

These antennas feature an SMA-Female connector and are compatible with various ham radio models, including but not limited to:

- Baofeng: UV-5R, UV-5RH, UV-32, UV-21 PRO, DM-32, M-13 PRO, BF-888S, K61, K6, UV-13 PRO, UV-17 PRO, UV-5RM, BF-F8HP PRO, K5 PLUS, UV-21R, GM21
- Quansheng: UV-K5, UV-K5 8, UV-K6, TK11-88, RT-860, TD-H8, TD-H3

ABBREE 805S Antenna



Compatible with most SMA-Female Ham Radio:

BaoFeng UV-5R, UV5RA, UV5RE,
Wouxun Radio : UV6D, UV2D, UVD1P ,
PUXING PX-777 , PX-777 PLUS , PX-666,
PX-3288 etc Two Way Radio.

Image: The AR-805S antenna shown connected to a Baofeng radio, illustrating its compatibility with various models.

Compatible with SMA-Female Connector Radio



Image: The AR-806+ antenna shown connected to a Baofeng radio, highlighting its compatibility.

INSTALLATION AND SETUP

1. **Identify Connector Type:** Ensure your radio has an SMA-Female connector. The ABBREE antennas are designed with an SMA-Female connector.
2. **Attach Antenna:** Carefully screw the antenna onto the radio's antenna port. Turn clockwise until finger-tight. Do not overtighten.
3. **Using a Shim (Optional):** If there is a slight gap between the antenna and the radio after tightening, a rubber shim (often included with radios or antennas) can be used to ensure a snug fit and protect the connector.

ABBREE 805S Antenna



SMA-Female Connector

Connector



Image: Detail of the SMA-Female connector on the antenna and the corresponding port on a two-way radio, demonstrating proper connection.

Your browser does not support the video tag.

Video: Demonstrates the installation of the ABBREE AR-805S antenna, including the use of a shim for a secure fit and identifying genuine packaging.

Your browser does not support the video tag.

Video: Illustrates the installation of the ABBREE AR-806+ antenna, showing its flexibility and compatibility with various radios.

OPERATION

Once installed, the ABBREE mini short antennas are ready for use. Their design aims to provide stable communication and increased range compared to standard stock antennas, particularly beneficial for short-range communication needs.

- **Stable Communication:** Experience improved signal reception and transmission.
- **Portability:** The short length of these antennas makes them ideal for carrying your radio in pockets or pouches

without snagging or discomfort.

- **Flexibility:** The flexible design reduces the risk of damage during active use or storage.



Image: An individual utilizing a radio equipped with an AR-806+ antenna, showcasing its practical, portable application.

SPECIFICATIONS

Feature	AR-805S	AR-806+
Frequency	144/430MHz (VHF/UHF)	144/430MHz (VHF/UHF)
Gain (MAX)	2.15dBi	3.0dBi
Max Power	10W	10W
Impedance	50 OHM	50 OHM

Feature	AR-805S	AR-806+
Connector	SMA-Female	SMA-Female
Antenna Length	1.96 inches (5cm)	3.14 inches (8cm)
Color	Black	Black



Model:	ABBREE AR-805S
Connector Type:	SMA-Female
Band:	Dual band VHF/UHF
Frequency:	144MHz/430MHz
Max Power:	10 Watts
Gain:	2.15dBi
Antenna Length:	5CM/1.96"

Image: Detailed specifications and dimensions for the AR-805S antenna.

The Antenna Length is only 8CM very short and easy to carry



Image: Detailed dimensions for the AR-806+ antenna.

MAINTENANCE

To ensure optimal performance and longevity of your ABBREE antennas:

- **Regular Cleaning:** Wipe the antenna with a soft, dry cloth to remove dust and dirt. Avoid harsh chemicals.
- **Inspect Connector:** Periodically check the SMA-Female connector for any signs of corrosion or damage. Ensure it remains clean and free of debris.
- **Proper Storage:** Store antennas in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Avoid Excessive Bending:** While flexible, avoid extreme or repetitive bending at the connector base to prevent internal wire damage.

TROUBLESHOOTING

If you experience issues with your antenna, consider the following:

- **Poor Signal/Range:**

- Ensure the antenna is securely tightened to the radio.
- Verify the antenna is compatible with your radio's frequency bands (VHF/UHF).
- Check for obstructions in your environment that might be blocking the signal.
- Test with another known-good antenna to rule out radio issues.

- **Antenna Not Fitting Properly:**

- Confirm your radio has an SMA-Female connector. These antennas are SMA-Female.
- If a small gap exists, use a rubber shim for a better fit.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official ABBREE website or contact your retailer. Keep your purchase receipt for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question