



Manuals.plus /

› BINGFU /

› Bingfu Dual Band VHF UHF Foldable CS Tactical Ham Radio Antenna with Extension Cable User Manual

BINGFU B088H2MYFG

Bingfu Dual Band VHF UHF Foldable CS Tactical Ham Radio Antenna User Manual

Model: B088H2MYFG

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Bingfu Dual Band VHF UHF Foldable CS Tactical Ham Radio Antenna. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The Bingfu Dual Band Foldable CS Tactical Ham Radio Antenna is designed for enhanced signal reception and transmission for various ham radio devices. It features a foldable design for portability and includes an extension relocation cable for flexible placement.



Image: The Bingfu Foldable CS Tactical Ham Radio Antenna shown with its included extension cable. The antenna is designed for portability and improved signal performance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Bingfu Foldable CS Tactical Ham Radio Antenna (18.5 inch / 47cm)
- 1 x Antenna Extension Cable (3.3 feet / 1m SMA Female to SMA Male Right Angle RG58 Coaxial Cable)

SPECIFICATIONS

Feature	Specification
Gain	3.5dBi
Frequency Range	VHF UHF 136-520MHz
VSWR	<2.0
Impedance	50 ohm
Direction	Omni-directional
Max Input Power	8W
Antenna Length	18.5 inch / 47cm
Antenna Connector	SMA Female
Extension Cable	3.3 feet / 1m SMA Female to SMA Male Right Angle RG58 Coaxial Cable
Net Weight	168g
Operating Temperature	-20°C ~ +80°C
Storage Temperature	-30°C ~ +85°C



Image: Visual representation of the antenna's length, indicating 18.5 inches (47 cm) total length.

COMPATIBILITY

This antenna and extension cable are compatible with a wide range of Ham Radios, including but not limited to:

- **BaoFeng:** UV-5R, UV5RA, UV-5RE, BF-F8HP, BF-F8, UV-82, UV-82HP, BF-888S, UV-5X3, UV-5RM, UV-9R, BF-666S, BF-777S, BF-320, BF-480, BF-490, BF-V6, BF-V8, BF-F9, BF-F8Plus, BF-388A, GT-3, UV-5RB, UV-5RC, UV-5RD, UV-5REPlus, UV-5RG, UV-5RQ, UV-5RT, UV-5S, UV-5U, UV-B5, UV-B6
- **Wouxun:** KG-659, KG-669, KG-679, KG-689, KG-699E, KG-801, KG-816, KG-818, KG-819, KG-833, KG-889, KG-UVD1P
- **Kenwood:** TK-208, TK-240, TK-250, TK-255, TK-260, TK-260G, TK-270, TK-270G, TK-272G, TK-278, TK-278G, TK-340, TK-349, TK-350, TK-353, TK-360, TK-360G, TK-370, TK-370G, TK-390, TK-380, TK-373G, TK-372G, TK-385, TK-430, TK-431, TK-715, TK-2100, TK-2102, TK-2107, TK-2118, TK-2160, TK-2200, TK-2300, TK-2400, TK-2406M, TK-2407M, TK-3100, TK-3101, TK-3102, TK-3140, TK-3160, TK-3170, TK-3173, TK-3180, TK-3200, TK-3200L, TK-3202, TK-3202LU, TK-3207, TK-3300, TK-3400U, TK-3402U16P
- **HYT:** TC-268, TC-268S, TC-368, TC-368S, TC-370S, TC-500, TC-500S
- **TYT:** TH-F1, TH-F2, TH-T2, TH-T3, TH-F6, TYT-300, TYT-500, TYT-600, TYT-800, TYT-888
- **Linton:** LT-2288, LT-3288, LT-6288, LT-3188, LT-2188, LT-3260, LT-3268, LT6188
- **Puxing:** PX-777, PX-777 PLUS, PX-666, PX-888
- **Quansheng:** TG-K4AT, TG-2AT, TG-45AT, TG-42AT, TG-22AT, TG-25AT, TG-UV

SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove the antenna and extension cable from their packaging.
2. **Antenna Connection:** The antenna features an SMA Female connector. Align the antenna connector with the SMA Male port on your ham radio device. Gently screw the antenna onto the radio until it is finger-tight. Do not overtighten.
3. **Extension Cable Use (Optional):** If relocating the antenna, connect the SMA Female end of the extension cable to your ham radio's SMA Male port. Then, connect the SMA Male Right Angle end of the extension cable to the SMA Female connector of the Bingfu antenna. Ensure all connections are secure.
4. **Antenna Folding:** The antenna can be folded for storage or tactical use. Use the included hook-and-loop strap to secure the folded antenna.



Image: Step-by-step visual guide demonstrating how to fold the antenna and connect it to a radio, including the use of a washer for a secure fit.



Image: Detailed view of the SMA Female and SMA Male Right Angle connectors found on the extension cable, illustrating their design for proper connection.

OPERATING INSTRUCTIONS

1. **Antenna Positioning:** For optimal performance, position the antenna vertically and as high as possible, away from obstructions like buildings, trees, or metal objects.
2. **Radio Operation:** Once the antenna is securely connected, operate your ham radio device according to its specific user manual. The Bingfu antenna is designed to enhance the radio's signal capabilities within the specified frequency range.
3. **Relocation Cable Benefits:** The extension cable allows you to mount the antenna on a backpack or other gear, keeping the radio unit more accessible while maintaining an elevated antenna position for better range.



Image: A user demonstrating the antenna mounted on a backpack, connected to a ham radio, illustrating a practical application for outdoor use. The ham radio device is not included.

MAINTENANCE

- **Cleaning:** Wipe the antenna and cable with a soft, dry cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically inspect the antenna and cable for any signs of wear, damage, or corrosion, especially at the connectors.
- **Storage:** When not in use, store the antenna in a cool, dry place. The foldable design allows for compact storage.

TROUBLESHOOTING

- **Poor Signal Reception/Transmission:**
 - Ensure all connections (antenna to radio, extension cable to antenna/radio) are secure and finger-tight.
 - Verify the antenna is positioned vertically and has a clear line of sight.

- Check your radio's settings and ensure it is operating on the correct frequency band.
- Test the antenna with a different compatible radio if possible to rule out radio issues.
- **Physical Damage:** If the antenna or cable appears physically damaged, discontinue use and consider replacement.

WARRANTY AND SUPPORT

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