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# **MFJ-1801**

## **Weatherproof WiFi Antenna**

### **2.4 GHz, 15dBi Gain Yagi**

#### **INTRODUCTION**

The MFJ-1801 is a 2.4 GHz 15dBi antenna that is housed in a weatherproof enclosure. This antenna is perfect for strengthening 802.11b/g or "WiFi" signals. This antenna will turn that wireless signal you can barely find into a strong useful signal. The MFJ-1801 comes with a mounting bracket which allows you to mount indoor or outdoor on any mast up to 1 ¼ inches OD. The MFJ-1801 withstands harsh weather, wind, thunderstorms, ice, sleet, snow, and high humidity. The MFJ-1801 WiFi antenna has 15 dBi of gain and uses standard 'N' connectors.



**Figure 1:** Internal WiFi Antenna

#### **INSTALLATION**

1. **You will need a cable that fits your individual application.** Since some wireless network manufacturers do not use standard external antenna connectors, we have provided a standard 'N' connector on the enclosure of the antenna in order for you to easily fit a cable to your computer.
2. The **MFJ-1801 WiFi Yagi Antenna** is intended for applications in or out of the weather. It is fully protected from the elements.
3. Mount on any mast up to 1¼". Simply loosen the nuts on the bracket and install onto the mast.
4. Connect the MFJ-1801 WiFi Yagi Antenna to your wireless card, and follow the wireless card manufacturer's instructions. You may need to adjust the position of the antenna to achieve the maximum signal.

## **LIMITED 12 MONTH WARRANTY**

MFJ Enterprises, Inc. warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, Inc. to be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof of purchase to MFJ Enterprises, Inc. at the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product under warranty provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for **\$7.00** covering postage and handling.
3. This warranty is **NOT** void for owners who attempt to repair defective units. Technical consultation is available by calling the Service Department at 662-323-0549 or the MFJ Factory at 662-323-5869.
4. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises, Inc.
5. Wired and tested PC board products are covered by this warranty provided **only the wired and tested PC board product is returned**. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense unrepairs.
6. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
7. **Out-of-Warranty Service:** MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
8. This warranty is given in lieu of any other warranty expressed or implied.
9. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
10. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed to:

**MFJ Enterprises, Inc.,  
300 Industrial Park Road  
Starkville, Mississippi 39759 USA**

and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.

11. This warranty gives you specific rights, and you may also have other rights which vary from state to state.