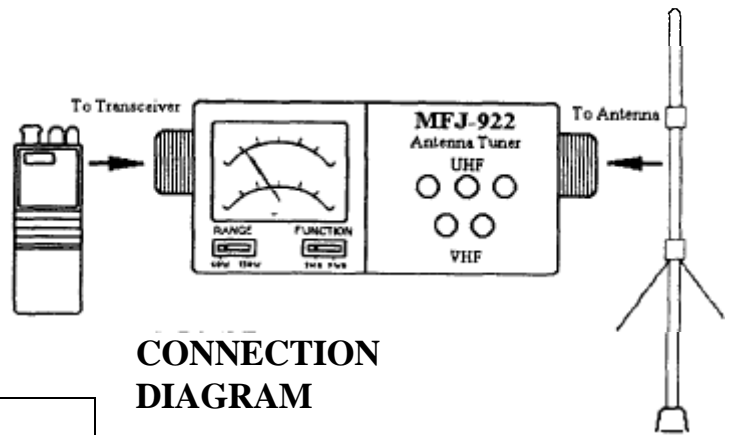


**INSTRUCTION MANUAL MFJ-922
VHF/UHF Dual Band
Antenna Tuner**

Before operating this unit, please read these instructions completely.

FEATURES

- ~~SWR METER~~
- **POWER METER**
- **ANTENNA TUNER**
- **SWR MATCHING (ADJUSTMENT)**
- **VHF/UHF DUAL BAND**



SPECIFICATIONS

FREQUENCY RANGE	VHF: 136 -175 MHz
	UHF: 420 - 460 MHz
SWR RANGE	1.0-5.0
POWER RANGE	0 - 150 WATTS
IMPEDANCE MATCHING RANGE	20 Ω ..., 125 SΩ
INSERTION LOSS	LESS THAN 0.5 dB
TOLERANCE	± 10% AT FULL SCALE
DIMENSIONS (inches)	5.04 (L) X 2.48 (W) X 1.50 (H)
WEIGHT	9.17 oz.

INSTRUCTIONS

1. Install MFJ-922 to the system according to the drawing shown.
2. Set the frequency on the transceiver to your choice.
3. Place the "RANGE" switch to the "60W" or "150W" position.
4. Place the "FUNCTION" switch to "SWR".
5. Set your transceiver to transmit mode. The low power setting should be used if you have this setting on your transceiver.
6. While transmitting, put the tuning tool (enclosed) into the cavity of VHF or UHF (depending on which band chosen in step 2). Slowly adjust the air trimmer capacitors until the SWR is at minimum as indicated by the meter.
7. Slide the "FUNCTION" switch to "PWR".
8. Slowly adjust the air trimmer capacitors until the power level is at maximum.
9. Repeat steps 4 - 6 to find the maximum power level at the minimum SWR level (Below 1.2:1). Then your work is done.
10. When the base frequency is changed, steps 3 - 8 must be repeated to ensure the best possible performance.