



HexTenna Yagi

Portable VHF HF Antenna

Maximum Power - 1.5KW PEP SSB

The HexTenna™ Yagi Beam by Alpha Antenna® is a 2 through 20 meters, legal limit, and full-size portable VHF/HF system. Environmental operating parameters: -15 to 130 degrees Fahrenheit and winds up to 50 Mph when *appropriately guyed.

INSTRUCTIONS FOR DEPLOYMENT

1. Setup the Tripod/Mast on a flat stable surface.
2. Adjust Driven Elements to the suggested length in the chart below starting by pulling the tip of the telescopic whips.
 - a. Add 4% to the Reflectors lengths, starting by pulling out the tip of the telescopic whips. Set both aside.
3. Install the Boom with the built-in Mount on to the Mast.
4. Screw the 4 adjusted elements into their respective Hubs.
5. On the built-in Guy Ring, install ropes & appropriate stakes, then attach your feedline.
 - * a. Replace included stakes with larger stakes or weights if the surface is either loose fill or impenetrable.
6. Adjust Only the driven elements for the lowest SWR using the leftover slack of the first/second telescopic sections.

TUNING CHART

Band	Approximate length of Driven Elements. Actual length is impacted by ground conditions & height.
20 Meters	16 feet 11 1/2 inches
17 Meters	13 feet 3/4 inches
15 Meters	10 feet 11 1/2 inches
12 Meters	9 feet 6 inches
10 Meters	8 feet 3 1/2 inches
6 Meters	4 feet 8 inches
2 Meters	4 feet 7 1/2 inches



DEPICTION OF DEPLOYMENT