Explorer POTA33 Portable 33 ft Telescopic Carbon Fiber Mast

IMPORTANT WARNING:

DO NOT extend the mast fully before attaching the antenna/wire at the top. Instead, attach antenna/wire with the mast totally collapsed vertically, and then, raise the mast one section at a time until the desired height is reached.

Thank you for buying the Explorer ZXP-POTA33. This Ultra-light carbon-fiber mast moves the concept of ultra-light carbon-fiber masting to the next level. Weighing in at 1.06 pounds and collapsing to a scant 27 inches, it will add almost nothing to your "go kit" but when fully extended, you'll get up to 33 feet of rock-solid support for both vertical and horizontal wires. With a no-compromise wire antenna raised high in the air, you'll be filling your log with new contacts while the competition is bogged down sending repeats.

What sets ZXP-POTA33 apart from the competition is the diameter of the top two sections. The diameter of Explorer's top two sections are .156 in and .239 inch OD respectively. The competitor's masts top two sections are .078 inch and .133 inch respectively. That is too weak to hold up most wire antennas.

SPECIFICATIONS

Material: Tapered Carbon Fiber Tube
Collapsed Length: 27 in
Extended Length: Up to 33 ft
Tube Retention: Friction Lock
Number of Sections:18
Base OD: 1-3/8 in
Top OD: 5/32 in
Weight: 1.06 lbs (16.96 oz)

SETUP INSTRUCTIONS

- Remove the top plug to access tube sections inside (do not unscrew the base plug).
- To lock one tube section to the next, pull up and twist. Reverse procedure to unlock.
- To extend mast, start with smallest-OD top section and work down to the base.
- To retract mast, start with largest-OD base section and work toward the tip.
- To remove unused top sections, unscrew the base end cap and slide them out.
- When securing, avoid using rigid metal clamps that could damage the base tube.

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- Never erect or install the mast where it could contact power lines or residential cables. Carbon fiber tubing is mildly conductive and will not protect you from receiving a lethal high-voltage shock!

ANTENNAS

Mast resistivity has little effect on antenna performance (< 0.1 dB) so you may run antenna wire along the length of the mast. To make up a vertical radiator, an inverted "L", or to support the center of an end-fed antenna, use light-gauge wire and secure it to the mast using tape or tie wraps. The mast will also support portable center-fed dipoles or OCFDs if made with light gauge wire, a light-weight center block, and fed with miniature coax (RG-174 or equivalent). Remove upper mast sections as needed to avoid an unstable top-heavy configuration.