



QUICK-CONNECT 3 ELEMENT ANTENNA

Data:

1. This Yagi 3 element directional antenna will magnify the radio signal traveling from your transmitter collar to your receiver.
2. When compared with the traditional folding 3-element directional antenna, this antenna is easier to assemble and handle in the field.
3. With a 5.7 dB gain, this antenna offers slightly better signal range than the folding directional antenna gain of 5.6 dB gain.
4. This antenna consists of 3 aluminum elements that are color coded for easy assembly, a black main boom and a 4 or 6-foot coaxial cable with BNC connectors at both ends. A case with shoulder strap is included.

Operation: Please see the “Operation & Tips For Your Radio Recovery Equipment” sheet for general operating instructions.

Assembly Instructions:

1. Hold the black main boom by its handle. On the main boom, loosen/turn left the 3 screws with red, black and gray knobs. Do NOT remove them!
2. Insert all 3 elements into the main boom from the same side.
 - a. If this antenna is attached only by cable to your receiver, hold the antenna so colored knobs are face up. Then insert the elements into the right side of the main boom.
 - b. If your receiver is mounted on this antenna, hold the handle so the receiver is upright and facing you, then drop the elements into holes on top of the main boom.
3. Match the color of the screw knob with the tip of the metal element.
 - a. Choose the element with black tip. Insert the other end of this element into the boom hole next to the black knob.
 - b. Choose the metal element with the red tip. Insert the other end of this element into the boom hole next to the red knob. (This element has a small prong which will fit into a small hole the main boom.)
 - c. The remaining element will have no color-coded tape at either end. Insert this element into the boom hole next to the gray knob.
4. Tighten all 3 colored knobs by turning them to the right. Hold the antenna by its grip. The longest antenna element should be nearest your hand, with the shortest element positioned farthest from your hand.
5. The coax cable comes attached to the middle element’s gamma match by means of a metal BNC connector. Attach the cable’s other BNC connector to the receiver’s antenna plug. Press the BNC connector in, then turn the connector to right. Some receivers have an antenna plug-on on the face; other receivers have the antenna plug-in at the back. Make sure all connections are secure!



Directions for use:

1. For use when your transmitted animal is over 200 yards away, connect the antenna cable to your receiver by pressing in and turning to the right.
2. To pinpoint a transmitter-wearer's signal, the main boom must always be parallel to the ground. Use the NULL-to-NULL method. Turn your body and the antenna in a complete circle. A signal will beep loudest over 15 to 20 degrees of this circle. Find the nulls or no-sound points on both sides of the area where the signal is coming in. To get exact location of the animal's signal, divide the distance between the no-sound points in half. Keep taking reading as you move toward the transmitted animal, who might have veered in another direction.

NOTE- If your signal range/distance drops suddenly, the cable may be damaged, even if it looks good. To double check, try a buddy's working cable. You may need a new cable to ensure good distance.

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