

K40 **& ANTENNAS™** **accessories**

- **Open Helical Coil Gives Wide Bandwidth (26 to 30 MHz) and Efficient Cooling**
- **Tunable 0.200" x 48" Tapered Stainless Steel Whip for Great SWR Match and Tuning Outside of Normal CB Bands**
- **Anodized Aluminum Construction Light-Weight Corrosion Resistant**
- **Chrome Plated Brass Ferrules and Stainless Steel Stud for Strong Mounting**

Installation Instructions

1. The antenna can be mounted to any heavy-duty antenna bracket using standard 3/8" x 24 thread mounting. K40 recommends K40MMAX for maximum security.
2. Insert the antenna whip into the whip adapter about 2" and tighten the set screws.
3. Install the K40BCMAX antenna on the mount by screwing the shaft completely down into the mount.
4. Adjust the SWR on the K40BCMAX antenna following the tuning instructions below.

Tuning Instructions

1. For best performance and easiest tuning, use a single 18' length of RG58 A/U or RG8X (mini-8) coax. Do not coil any excess length. Coaxial cable should be 9' to 18' in multiples of 3' (i.e. 9', 12', 15' 18'). K40 recommends K4018PL or K4018FME cables for best results.
2. Take SWR reading on channels 1, 20 and 40. SWR should be lowest on channel 20.
3. Adjustments for lowest SWR can be made by raising and lowering the antenna whip by 1/4" increments.
4. If channel 1 is higher than channel 40, raise the antenna whip. If channel 40 is higher than channel 1, lower the antenna whip.
5. Secure antenna whip by tightening set screw (caution: do not over tighten the set screw into the whip adapter.)

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Dual Antenna Installation

1. Follow above step 1-5 for both K40BCMAX antennas.
2. The distance between the two antennas should be between 7'-9' for maximum performance.
3. Install and route an 18' (recommended length for each side) of RG59 co-phase harness, but do not connect the coax to the radio or antenna mounts.
4. For tuning purposes only, temporarily connect an 18' length of RG58A/U cable from the SWR meter (or radio) to one antenna. Tune this single antenna using the above tuning instructions.
5. Disconnect the first antenna and repeat step 4 for the second antenna.
6. Remove the RG58 A/U cable and connect the RG59 co-phase harness to both antennas and the SWR meter or radio.

Confidence that comes with a guarantee



Made in China

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K40BCMAX

www.BrittanyHope.org

Brittany's

HOPE

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When returning products to K40 carefully pack and send along with your name, address, phone number, proof of purchase date (register receipt) and a description of the operating problem.

This warranty does not include defects resulting from accidents, damage while in transit to our location, unauthorized repairs, misuse, fire, flood, or acts of God.

This K40 product is guaranteed to be free from defects in workmanship and materials for 5 years from the purchase date. Within 5 years of purchase, the product (along with proof of purchase date) may be returned to K40, 1875 Zeager Road, Elizabethtown, PA 17022, freight prepaid and we will repair it, or at our option, replace it at no additional charge. Limitations of this warranty include: implied warranties, payment for loss of time, inconvenience, loss of use of your product or its failure to work, or any other incidental or consequential damages including personal injury.

5 YEAR LIMITED WARRANTY

