Product Overview

Three-foot base magnetic loop for 10-40 meters with direct-wire remote tuning and no radials/counterpoise requirement.

Use our Make an Offer Program and Click this button if you can’t afford full price.

Make An Offer (Without Options)

This stealthy magnetic loop antenna with direct wire remote control is a tuned circuit, so there is no need for radials or counterpoise. Perfect for Attic, *Mast, EmComm Trailer, or anywhere when reliable and quiet communications is required in a small space.

Key Specifications

Specification	Details
Coverage	10-40M
Power	100W PEP SSB; 50W CW; 25W Digital
Outer loop	8 ft 6 in circumference / ~3 ft diameter
Remote/control cable	50 ft
Coax	50 ft
Enclosure	IP-65
Shipping weight	10 lb

Best For

- Attic and limited-space base installations
- EmComm trailers
- Operators wanting remotely tuned 10-40M loop operation

What’s Included

- Remote/manual matching network
- Remote control + power supply
- 50 ft coax + 50 ft control cable
- Inner loop with SO-239

- 3-ft outer loop
- Mounting hardware for installation on a 1.25-in mast.

Setup and Operation

Mount at least one loop diameter high (~3 ft). Remote controls permit coarse and incremental tuning; maximum end-to-end tuning time is published as 90 seconds.

Remote Tuning tips

- It takes approximately 40 seconds to tune from 40 to 10 meters with the Speed control knob turned right. By performing this step, you may set the capacitor at either the high or low tuning range. This makes it easier to know if you are tuning Up or Down.
- If the current tuning position is unknown, press and hold either the left or right button for 90 seconds to move the loop to the lowest or highest end of its tuning range.
- Tapping the left or right button on the magnetic loop’s remote control allows for incremental stepped tuning.
- Note whether the loop tunes up or down in frequency when pressing the green or red button. The forward/reverse direction can depend on the orientation of the power adapter in the outlet.
- NOTE – There is a clutch between the motor and the capacitor, which lets the motor continue to turn without being damaged.

Deployment examples

Options and Compatible Accessories

Base Loop Tripod and Mast Kit is offered as an option.

Support Resources

- User Manuals: Alpha Antenna User Manuals hub.
- Videos: Related videos.
- Guidance / FAQs: Available HERE.

- Customer Reviews: Scroll to bottom of this page.

We Listen

We are dedicated to improving all of our systems. Specifications and descriptions are subject to change without notice.

5.0

Based on 13 reviews

5★
100
100%
4★
0%
3★
0%
2★
0%
1★
0%

Search
alpha antenna
1-5 of 13 reviews
Most Recent

1. KW

   Protected_User_9812e5d1
   Verified owner
   September 4, 2026

100W Base 10-40M Remote Tune MagLoop

Verified review - view original

Fantastic service and support

2. WS

Protected_User_a8c51c69
Reviewer
June 29, 2026

100W Base 10-40M Remote Tune MagLoop

Verified review - view original

3. JB

Protected_User_6721e052
Verified owner
April 2, 2026

100W Base 10-40M Remote Tune MagLoop

Verified review - view original

Extremely happy with this magnetic loop antenna. Remote tuning also does away with annoying hand-capacitance effect! Build quality is up to the usual excellent standards we have come to expect from Alpha Antennas. At present using it indoors experimenting with WSPR and putting it through its paces.

4. A

Protected_User_6211ce12
Verified owner
March 17, 2026

★★★★★
★★★★★

100W Base 10-40M Remote Tune MagLoop

Verified review - view original

Wow! Pair this with an antenna analyzer and it works very well indeed. I've been using it for a few days on 40m at works well for both phone and FT-8 using only 20 watts. I've got no regrets on this purchase.

5. JC

Protected_User_c7ff2fce
Verified owner
December 5, 2025

★★★★★
★★★★★

100W Base 10-40M Remote Tune MagLoop

Verified review - view original

Having fun learning how to use and really impressed with the antennas performance. Thank you for your excellent service and consideration.

Show more reviews (8)