

Elecraft KH1 Cup Mag Safe Mount

KK0NIG

VIEW IN BROWSER

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Summary

Simple mag safe cup mount for the KH1. Requires a mag safe ring and matching steel ring.

Hobby & Makers > Electronics

This is a progressive modification of my KX2 cup mount for the KH1. Great for mobile CW ops or POTA activation.
Print the two attached files along with this file for the mount swivel: Swivel Mount Low-Profile AMPS (30x38mm) Swivel Mount by chronicity https://makerworld.com/en/models/2411548-low-profile-amps-30x38mm-swivel-mount-adapter?from=search#profileId-2644111Cup

Print out the swivel mount and super glue one base to the cup and one centered on the back of the KH1 plate. Once the glue is dry attached the mount together.
Stick the tape ring to the back case of the KH1. Center the ring over the two mounting holes on the back.
Drop the magnet into the recessed into the KH1 mounting plate. Add a smear of super glue to ring before you drop it into the plate.

The mag safe system holds the KH1 firmly. You might need to add grip tape to the side of cup if it twists easy in your vehicle cup holder.

You can order the mag safe rings here:

Magnetic Phone Wall Mount – Hands-Free Shower Mirror Holder & Car Sticker Stand, Compatible with iPhone 17 16 15 14 13 12 Pro Max Mini https://www.amazon.com/dp/B0D1KY1SN8?ref=ppx_yo2ov_dt_b_fed_asin_title

TENOC Universal Metal Ring Sticker, 3Pcs, Black https://www.amazon.com/dp/B0CY1ZB8YB?ref=ppx_yo2ov_dt_b_fed_asin_title

Model files



kh1_cradle_v5.stl



mount-base-5ww.stl

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