

# ELECRAFT P3 Application Note

## Ribbon Cable Retaining Clip

Revision A, June 13, 2012  
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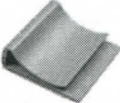
### Background

A retaining clip has been added to hold the long ribbon cable near the side of the P3. This is to ensure the ribbon cable cannot find its way close enough to the front panel or RF boards to pick up stray signals that may show up on the display. Retaining clips are available from Elecraft. Order E980228.

### Tools


#1 size Phillips screwdriver. To avoid damaging screws and nuts, a power screwdriver is *not* recommended.

### Components Supplied

ILLUSTRATION	DESCRIPTION	QTY.	ELECRAFT PART NO.
	Retaining Clip	1	E980228

### Installing the Clip

**⚠** You can install the clip without taking special ESD precautions to protect the circuit boards, but resist the temptation to touch the boards or other components inside your P3 while working.

- Disconnect power and all cables from your P3.
- Remove the six screws from the locations indicated by a  on Figure 1 to free the top cover. Lift the cover off. There is a slot at one end that you can use to lift the cover once it is free.

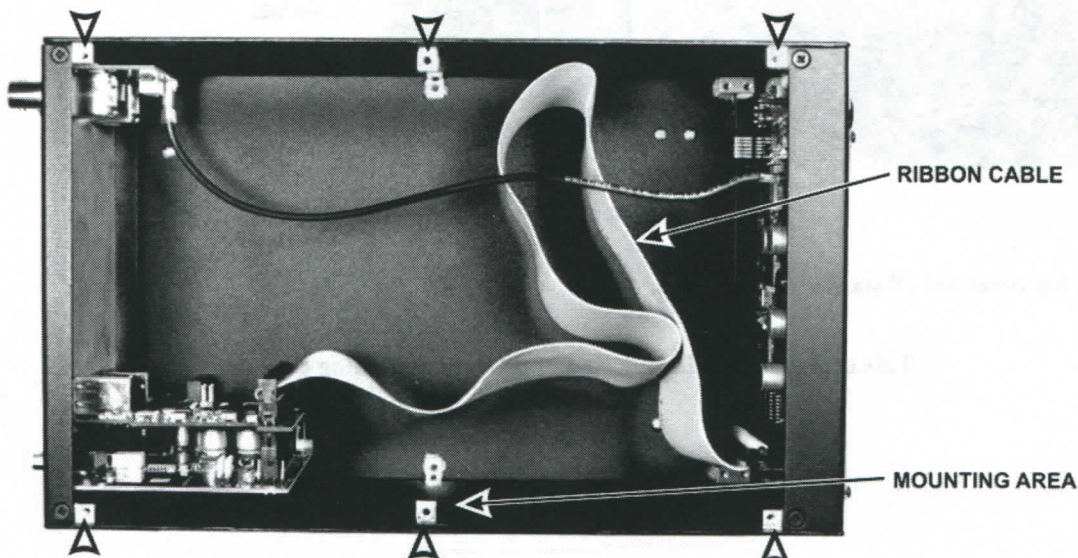
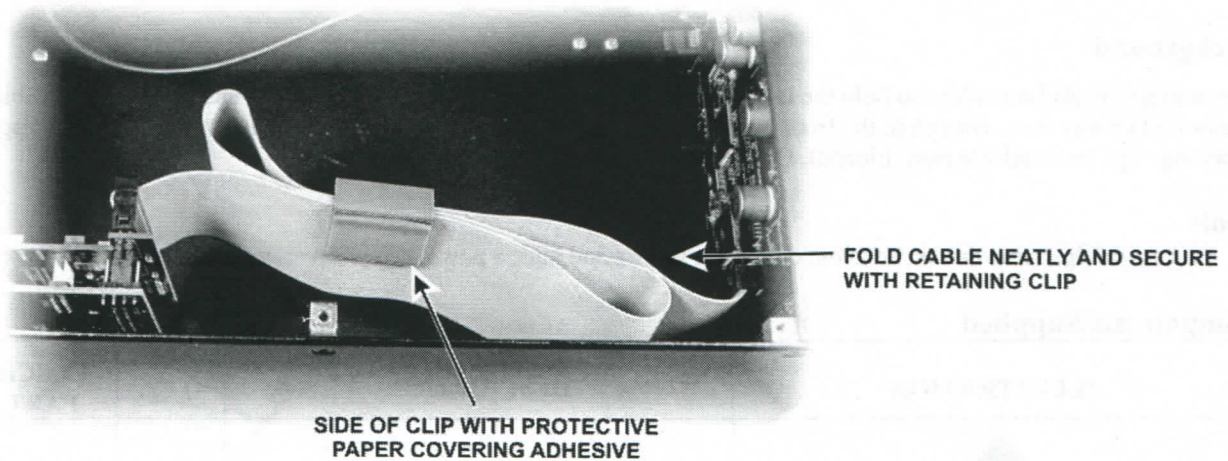


Figure 1. P3 Top Cover Removed.

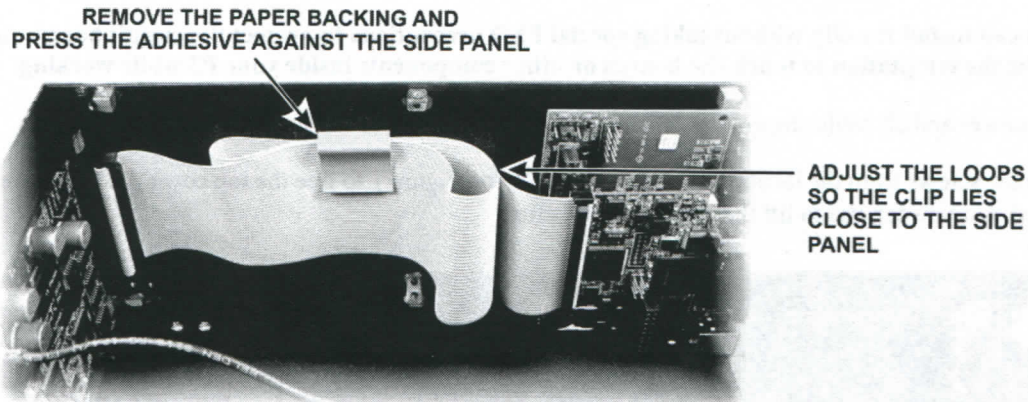
Be sure the Mounting Area shown in Figure 1 is free of oil or dirt that would interfere with the self-sticking clip adhering to it. If necessary, wipe it with a cloth or paper towel moistened with cleaner and then ensure it is completely dry before proceeding.

Gather the ribbon cable into neat folds and place the clip on the cable to hold it in place as shown in Figure 2. The clip has ridges to grip the cable tightly. Use gentle folds. Avoid creasing the cable.



**Figure 2. Placing Clip on the Ribbon Cable.**

Slide the ribbon cable through the clip to adjust the folds so the clip lies near the side panel without being pulled away by the cable, then remove the paper backing from the adhesive side of the clip and press it against the side panel (Figure 3).



**Figure 3. Clip Mounted on Side Panel.**

Replace the top cover and all six screws (Figure 1).

**This completes the installation of the cable retaining clip.**