

Route 66 Studios

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Thank you for purchasing the E-Cooler. The E-Cooler and the Turbo-E are the first ever cooling units for the Ensoniq line of synths and samplers. Our testing has shown that heat is the number one factor in board level component failure. The E-Cooler can provide cooling-down to near room temperature by taking the heat off the heatsink and extending the life of your Ensoniq keyboard. We like to call this Thermal Longevity.

Things you should know: Your E-Cooler was designed to be installed and removed quickly. The unit is flush mounted so it can even be left in place in a keyboard case while travelling. Heavy gauge steel was used for the fan bracket instead of plastic for years of trouble free use. The high quality all ball bearing fans were selected for their reliability and life expectancy. Your E-Cooler was hand made and every part on your unit can be replaced if damaged.

Installing the E-Coolers Loop Velcro Pads:

1. Using an alcohol pad (or rubbing alcohol and a Q-Tip) clean off the area around the left and right sides of the heatsink. On some units, you may need to re-locate the fuse type (CAUTION) sticker.
2. Take a moment to hold the E-Cooler in place over the heatsink. This will help you to locate the area where the Velcro loop pads will go.
3. Peel off the adhesive backing and place the Velcro pads next to the edge of the heatsink where it passes through the back of the case. Allow twenty (20) minutes to cure before installing the E-Cooler.
4. The adhesive used on the Velcro is much like an epoxy, and requires some time to set. Use caution when handling the adhesive sides of the Velcro pads. (If you damage your Velcro loop during the installation, contact us for a replacement.)

Installing the E-Cooler:

1. Hold the unit in both hands and align the top of the E-Cooler with the back edge of the keyboard. Press firmly into place. Giving a tap with your hand on each side of the E-Cooler will lock it into place. If the E-Cooler sags or is loose, it is not correctly installed.
2. The Velcro used is very heavy duty so the E-Cooler can be repeatedly removed and installed without failure. This requires a small amount of force to install and ensure the Velcro is latched.
3. Plug the AC adapter jack into the E-Cooler and then plug the AC adapter into your power strip. It is recommended that you set up your entire Ensoniq rig with a surge protected power strip or power conditioner rack. This way, your unit is electrically and thermally protected each time you turn your rig on.

Care:

Your E-Cooler and keyboards heatsink may need cleaning or dusting once or twice a year. Using a small can of compressed air, simply blow away any collected dust or hair. With proper care, your E-Cooler will provide years of service.

What's Next?

Route 66 Studios is currently working on the cooling unit for the ASR 10 keyboard and rack versions of all the great Ensoniq synths and samplers.

If you require assistance during installation or have any questions about your new drive please contact us at Route66Studios@aol.com or call us at 1-608-365-5006.