

Astro-Physics

Opening up and Re-closing Your GTO keypad

For all keypads Please note that photos show the inside of a keypad with serial # 1567GTO or higher. Earlier keypads will look different on the inside, but the procedure for opening and closing the keypad halves is the same.

Warranty considerations The manufacturer warrants the Astro-Physics GTO Keypad for three years. If your keypad is still within the warranty period, you may void the warranty by opening the keypad. If you are unsure of the keypad's purchase date, jot down the serial number and call Astro-Physics.

Additional Helpful Documents in Technical Support

☆Removing and Installing the KEYPRO Keypad Protector

Opening the Keypad

Remove the KEYPRO silicone-rubber keypad protector. For instructions, see the document referenced above.

Lay your keypad face down on your work surface. You will need a small #00 Phillips head screwdriver. Locate the 6 screws that hold the two halves of the keypad together (arrows at right).

Partially remove the screws. Be careful not to strip the screw heads. The screws do not need to be removed completely. Just back them out until you feel that they are no longer engaged.

Be very careful separating the front and back of the keypad. In particular, pay attention to the cable strain relief, and be careful that the display circuit board does not catch on the screws. The display should remain with the front half of the keypad. Also, see note below on spacers.

Note: Screws are torqued to 2.0-2.5 in-lb

Open and place the back case cover along the side without straining the speaker wires. You may leave the speaker wires plugged in.



Be careful not to lose the six spacer washers. Some may stick to the circuit board instead of staying on the screws. It is best to place the spacers onto the screws right away. This will keep you from losing them, and it makes lining things up easier on re-assembly.

These spacers are vital for maintaining separation between components, and to avoid damage to the case. DO NOT omit!

Closing the Keypad

When placing the back onto the unit, make sure the screws are aligned with the proper holes. Start by aligning the two screws on one side of the display. The four screws on the display end must pass through the display circuit board before engaging in their posts.

Make sure that all wires, fibers and cables will be safely inside the unit. If you have unplugged anything, be sure that it is correctly plugged back in.

Note the spacer washers in place on their screws!



Line up the display end before moving to the cable end of the keypad.



The cable strain relief may need to be held and guided gently into the cutout in the case to finish mating the two halves.



Make a final check to be sure that no wires, fibers or cables are caught between the front and back halves of the keypad.

Carefully apply a small amount of pressure to hold the back down while tightening all six screws to 2-2.5 in-lbs (torque).

Re-install your KEYPRO keypad protector using the instructions referenced on page 1.

