Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Acrylic IR Stand w/Hardware (#725-28995)

This stand, made of smoke-colored 0.220" thick acrylic, makes it easy to mount a Sharp IR Sensor (#28995) to your project. Mounting hardware included.

Packing List

- (1) Acrylic IR Stand
- (2) 1/8" Nylon spacers (#713-00019)
- (2) 1/4" Nylon spacers (713-00005)
- (2) #4-40x5/8" pan head screws (#710-00035)
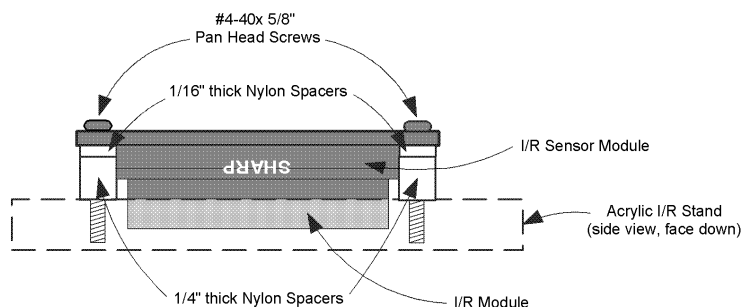- (2) #6-32x1/2" socket-head screws (#713-00033)

Additional Items Required

- Small Phillips screwdriver
- 7/32" ball-end hex key (#725-00021)
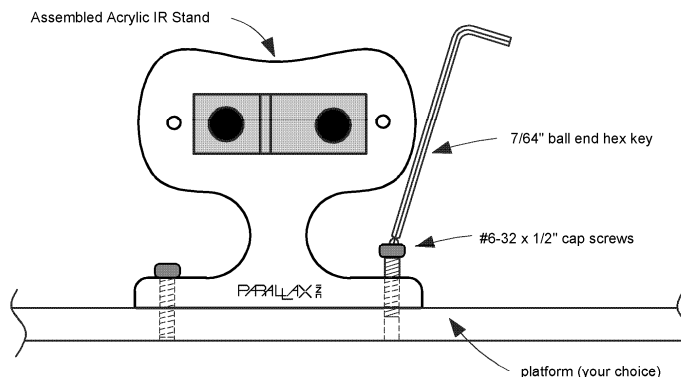- Sharp IR Sensor (#28995)
- Sharp IR Sensor Cable (#805-28995)

Assembly Instructions

Step 1: Remove the protective paper from both sides of the Acrylic IR Stand and lay it etched-side down on a smooth, flat surface.

Step 2: Insert a #4-40 x 5/8" pan head screw through each of the Sharp IR Sensor's mounting holes. Then place a 1/16" spacer and a 1/4" spacer onto each of the screws, and line up each screw with its corresponding hole on the backside of the stand. The screws will cut their own threads as you screw them in with a small Phillips screwdriver. Make them snug, but do not over-tighten.

Step 3: Pre-drill two holes into the platform that you want to mount your Acrylic IR Stand to. The mounting holes are spaced 1.75" apart. The #6-32 x 1/2" long cap screws will extend about 1/4" into your platform. Depending on the platform, you may wish to drill a through hole, and secure with a washer and nut (not included in this kit). For a cleaner installation, simply drill a slightly under-sized hole (such as with a #36 bit), and have the screws cut their own threads as you twist them into your platform.

Step 4: Connect the cable to the Sharp IR Sensor, and to your control board. Be sure to observe proper polarity, as shown in the Sharp IR Sensor's documentation (#28995).