



Installation Instructions for AirGizmos iFly 700 Series Panel Dock®

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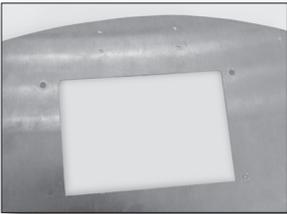


Thank you for purchasing an AirGizmos Panel Dock. Before beginning the installation process, please take a moment to fill out the registration card or go online to register.

The Panel Dock is shipped with a set of mounting hardware necessary for attaching it to an avionics stack. If you intend to install it in a different way, use the included hardware as a reference when deciding what type of installation hardware you will need. The hardware included is as follows: 4 AN365-832A ELASTIC LOCK NUTS, 4 AN525-832R8 SCREWS WITH INTEGRAL WASHERS, and 4 AN960-8 FLAT WASHERS.

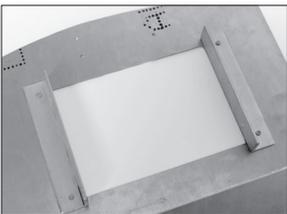
A word of caution: we have designed the mount to be installed using standard screws, and we have fabricated the flanges to allow clearance of the screw heads. Please do not attempt to use countersunk screws. Countersinking plastic is generally not a good idea, and we cannot guarantee that our product will perform its duty if you choose to countersink the holes. So, use the included hardware, or something similar, and everything will be fine. Let's get started.

Step 1: Prepare a hole in your panel



The dimensions of the Panel Dock are included for reference, but measure yours just to be safe. Paper can expand or contract with the weather.

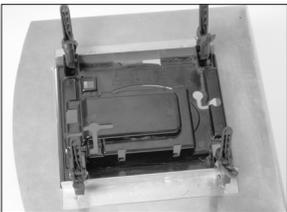
Step 2: Attach your mounting rails



These instructions assume that you are installing the Panel Dock in a standard radio stack, but that is not the only way to install it. The only requirement for installation is that you must attach the side flanges to two pieces of angle, spaced the correct distance apart. Two pieces of 1" 6061 aluminum angle works just great.

Position your rails as desired, making sure they are the proper distance apart, and parallel to each-other.

Step 3: Clip the Panel Dock in place



Using at least two edge clamps, clip the Panel Dock to the rails. This will allow you to determine how it should look from the front before you drill any holes.

The front of the mount should protrude enough to allow the latch mechanism to move freely. If you intend to make the mount sit flush with the panel, you will need to cut additional material from the panel to account for the movement of the latch.

Step 4: Verify the look and function of the mount



With the Panel Dock secured with the edge clamps you can insert your portable device and verify that it is at the correct depth and that the latching mechanism works properly.

When satisfied with the layout, remove your device from the mount.

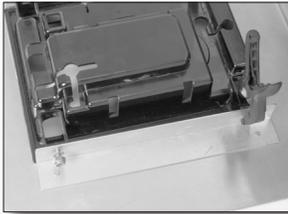
Step 5: Mark the holes for drilling and drill the holes



Remove one edge clamp at a time and mark the position of each hole with a pen. Use a circular motion to mark the outer edges of the hole. This will make it easier to determine the exact center. Do this for all four holes, replacing the edge clamps as you go.

There are a number of ways in which you may choose to drill the holes. You can remove the rails from the panel and drill them on a drill press, or you may use an angle drill to drill them in the plane. Just be careful to make accurate holes at the marks you made, and you will be fine.

Step 6: Mount the Panel Dock using the supplied hardware



The bolts we provide have an integral washer on the screw-head side. This provides adequate distribution of force on the plastic to keep it from cracking.

Step 7: Route the Battery Cable and insert the Battery



If you wish to power your iFly 700 Series unit from external Battery, then take a Battery Power Cable, which will be attached to the GPS, and route it through the opening, as shown in the photo. Attach one end of the Cable to the Battery jack. Make sure the Battery is inserted and secured (snapped in place) in the designated opening within the Panel Dock.

Note: Newer versions of the iFly 700 Series are not as tall and may not engage with the latching mechanism as well. You can add a thin rubber strip to the inside of the Panel Dock opposite the latch which moves the GPS up slightly. If a strip was not included with your Panel Dock you can request one from sales@airgizmos.com.

Step 8: Attach Battery Cable to the GPS



Route the Cable back into the Panel Dock through the opening on the side of the Dock. Plug the Cable into the Power Jack of the GPS, located in the lower part of the unit.

Cable Note: Cables may vary in thickness and orientation as the GPS manufacturer revises them. If you have difficulty getting cables to fit, you may be able to obtain extension cables that route better in the Panel Dock.

Step 9: Install the GPS



Upon attaching the Battery Power Cable to the GPS, snap the GPS into place in the Panel Dock.

Congratulations! Your installation is complete. Please email us with any questions you might have at info@airgizmos.com.

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