



MAKERS OF THE ORIGINAL HOT SPOT PERSONAL MONITOR

## GALAXY AUDIO YOKE BRACKET INSTALLATION INSTRUCTIONS

### **DESCRIPTION:**

Galaxy Audio Yoke Brackets are used for permanently mounting HOT SPOT, MICROSPOT, and CHAMELEON loudspeakers to walls and ceilings. The mounting angle can be adjusted by simply loosening the wing screws at either end of the yoke and by loosening the bolt where the yoke mounts to the wall plate. These brackets should be used only on a flat, secure, and stable surface.

**Note: If you are retrofitting a bracket to a Hot Spot that does not have T-nuts installed, please see the insert "Installing T-nuts for Galaxy Yoke Bracket."**

### **PRECAUTIONS:**

Whenever an object is affixed to a wall or ceiling, you must take special care to mount it securely to prevent it from falling and causing damage or injury.

**MOUNTING SURFACES:** Carefully examine the composition, construction and strength of the surface you are mounting to. Be sure to provide adequate reinforcement should you deem it necessary. You must also consider what type of hardware and what type of mounting techniques are appropriate for each mounting surface.

**FASTENERS:** Attaching the bracket requires fasteners selected for the strength and composition of the mounting surfaces involved. Whatever fastener is selected, it should be no smaller than a #8 screw or 1/4" bolt. When drilling pilot holes be sure that the holes are smaller than the core diameter of the screw. Always use fasteners in all mounting holes and avoid over tightening, as this can weaken the mounting surface, damage the fasteners, and make the installation much less secure.

**SECONDARY SUPPORT:** As we recommend the use of a secondary support for added safety, each yoke bracket is equipped with a safety cable. When properly installed it provides secondary support without inhibiting the adjustment of the bracket, and can be easily hidden out of sight.

### **MOUNTING PROCEDURE:**

**PREVIEW:** After evaluating the mounting surfaces and obtaining the appropriate fasteners, the installation will consist of the following steps, in order:

1. Mounting the bracket plate to the wall or ceiling.
2. Bolting the yoke to the plate.
3. Joining the cabinet with the bracket assembly.
4. Installing the safety cable.
5. Adjusting the speaker position and tightening the yoke bolt and wing screws.

**TOOLS REQUIRED:** You will need at least these tools for installation:

- 7/16" box end wrench
- large crimping pliers
- tools to secure the fasteners selected for the bracket assembly (drill, screwdrivers, etc.)
- carpenter's level for precise positioning of the speaker. (optional)

**Note: It is often helpful to have another person available to hold the speaker in place during the tightening procedure.**

## **INSTALLATION:**

### **ATTACHING THE BRACKET ASSEMBLY TO THE MOUNTING SURFACE:**

Position the bracket assembly onto the wall or ceiling at the location you have selected, preferably to a stud, joist or other structural member rather than only to drywall or other non-structural material. Make sure there will be enough clearance to rotate and tilt the speaker to the desired angle. Using the base plate of the bracket assembly as a template, mark the four hole locations.

**NOTE: Check that any holes you drill and the fasteners will not interfere with any wiring, plumbing, etc. that may be behind the mounting surface.**

Prepare the mounting surface and the four holes for the fasteners. Pull speaker wires through the mounting surface and the feed thru the hole in the bracket. Secure the bracket base plate. Do not over tighten fasteners! Bolt the yoke to the base plate and tighten with a 7/16" box end wrench.

### **JOINING THE CABINET TO THE BRACKET ASSEMBLY:**

Remove the two plastic threaded inserts from the T-nuts with a small flat blade screwdriver. Lift the speaker into position so that the wing screws at the ends of the yoke line up with the T-nuts in the cabinets. Tighten the wing screws by hand.

### **SECURING THE SAFETY CABLE:**

Slip the loose end of the safety cable through the cable clamp located at the back of the cabinet. Bring the cable back through the crimp sleeve and firmly crimp the sleeve with a large pair of crimping pliers.

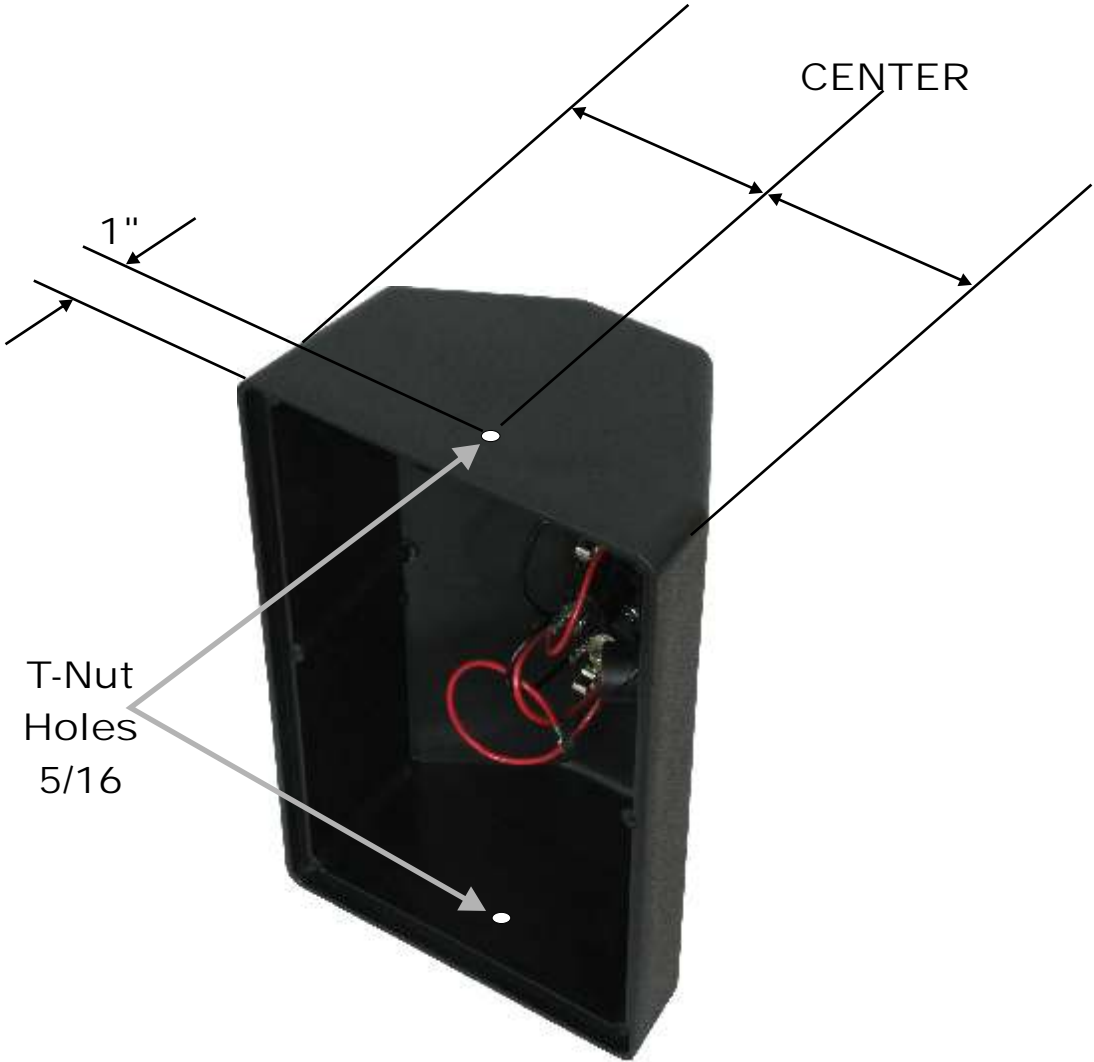
### **ADJUSTMENT:**

Loosen the yoke bolt just enough to slide or rotate the yoke to the desired position. Tighten the yoke bolt securely with a 7/16" box end wrench. If necessary loosen the wing screws and tilt the Hot Spot to the desired position. Re-tighten the wing screws firmly by hand. After a few minutes check the assembly for any slippage and re-tighten. Connect the speaker wires and the installation is complete.

## INSTALLING T-NUTS FOR GALAXY AUDIO BRACKET

1. Remove six screws from bezel on front of unit. If installing on a PA5XD remove nut and one additional screw from back of unit.
2. Remove bezel from shell
3. Disconnect speaker wires leading from speakers to shell from the speakers.  
(Not applicable if installing on a PA5XD).
4. On each end of the unit, drill a 5/16" hole in the center of shell and 1" from the front edge.  
(See illustration #1 and attached template (Pg 5.) for approximate hole placement).
5. Insert 1/4 - 20 propeller nuts (T-nuts) from the inside of the shell and drive them in with a hammer.
6. Drill a 5/32" hole in the back of the shell to mount the safety cable clamp (see illustration #2 and attached template (Pg 6.) for approximate hole placement).
7. Install the clamp with the supplied 6-32 x 1/2" bolt and nut.
8. Reassemble and test

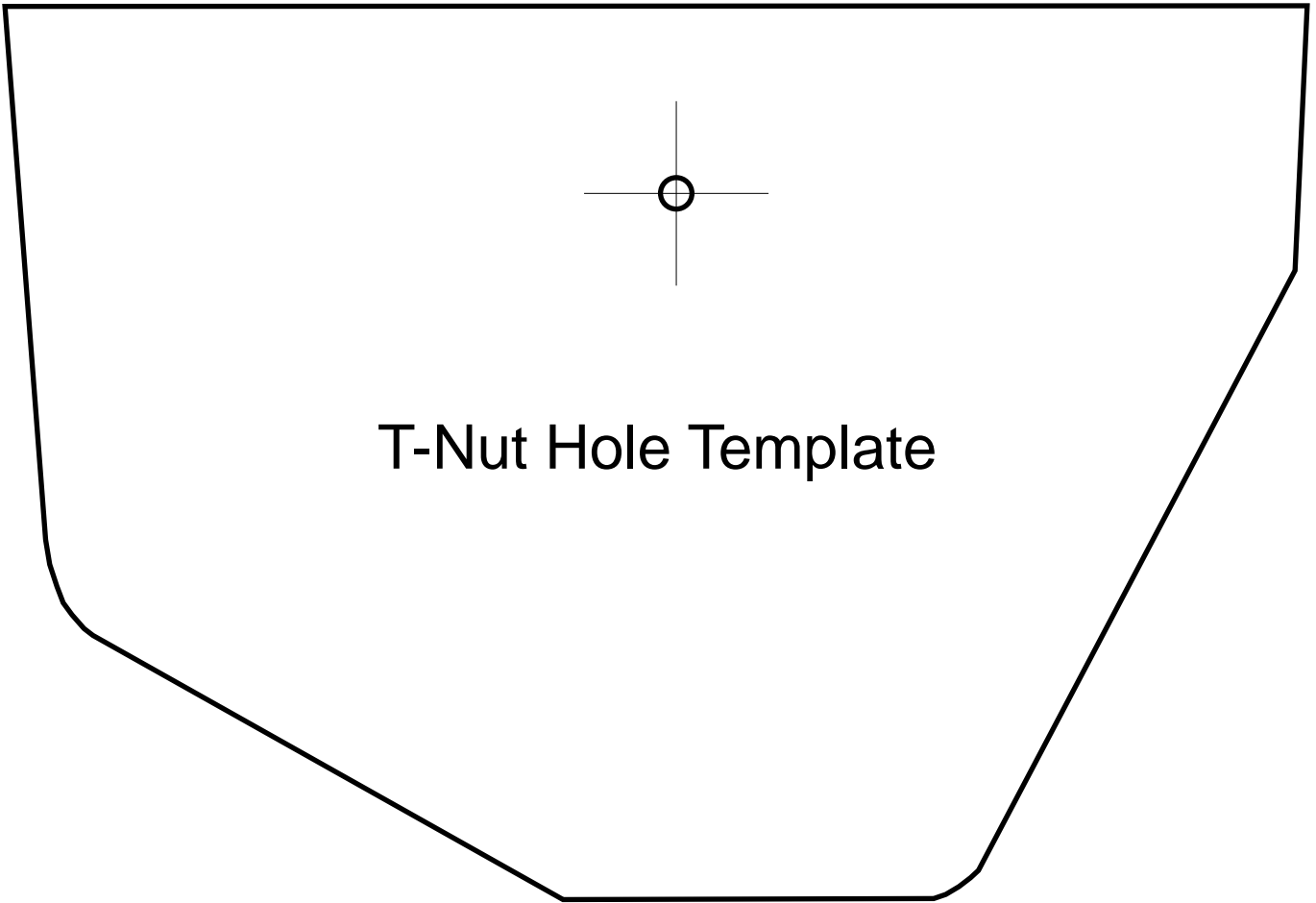
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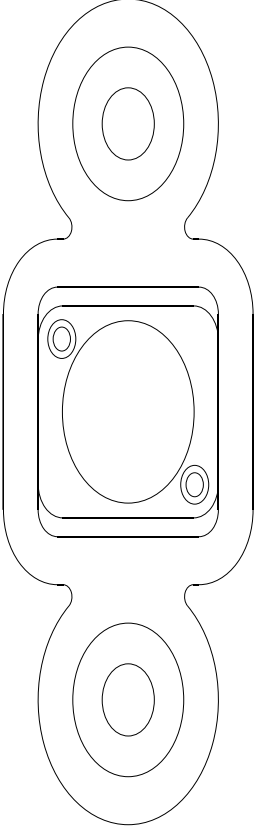


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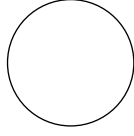


Safety Cable Clamp Hole 5/32"





5/32 Safety Cable Hole Location



Stand Adaptor Hole