SET-UP INSTRUCTIONS FOR 3678 SCREEN CHANNEL SYSTEM

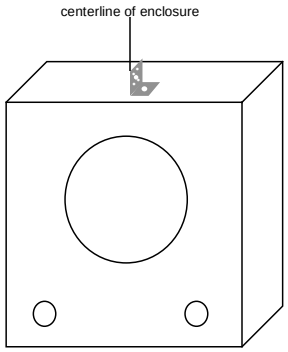
High Frequency Horn Bracket assembly:
The horn bracket that is shipped with the 3678-HF kit provides aiming flexibility in all directions. It requires minor field assembly, and takes only several minutes to complete.

The bracket assembly consists of three parts:

- Driver Clamp (P/N 423-00007-67) - comes pre-installed around the rubber "tire" on the 2425HS driver.
- "L"-shaped Clamp Base (P/N 423-00008-67) - inserted in cardboard packing material
- Hardware pack (P/N 229-00005-00) - inserted in cardboard packing material;
  - One (1) 1/4"-20x5/8" Philips pan head bolt
  - One (1) 1/4"-20 nut with captive "star" washer
  - One (1) #8-32x1/2" Philips pan head bolt
  - One (1) #8-32 nut with captive "star" washer
  - One (1) cable assembly for connecting HF driver to network

Be sure you have all of these components before you begin.

STEP 1: Secure L-shaped clamp base to 3678-LF enclosure. Remove the large Philips-head bolt from the top of the enclosure*, and use it to fasten the L-shaped clamp base to the cabinet so that the section with five holes is on the left-hand side, as you face the enclosure (see diagram). Note that although the T-nut on the top of the enclosure may appear to be off-center, the upright section of the "L" is on the centerline, when properly positioned and secured into the T-nut.

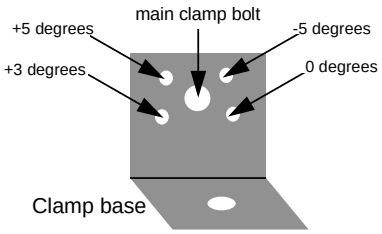


STEP 2: Secure bracket clamp/driver/horn assembly.
Position clamp around the upright section of the clamp base so that it "sandwiches" the base. Secure clamp using the large 1/4"-20 Philips pan-head bolt (main clamp bolt) and nut through the center (largest) hole on the upright section of the clamp base.

STEP 3: Aim horn. Using one of the four remaining positioning holes, the horn can be pitched in one of four fixed positions; +3° or +5° upward tilt, -5° downward tilt, or 0° (no tilt).

The entire bracket assembly can also be free rotated 360° ("yaw", or side-to-side aiming) around the enclosure top mounting bolt.

The driver/horn can also be rotated (if necessary) simply by loosening clamp bolt, rotating the driver/horn within the clamp to desired position, then re-tightening the main clamp bolt.



(shown with bottom section facing the viewer)

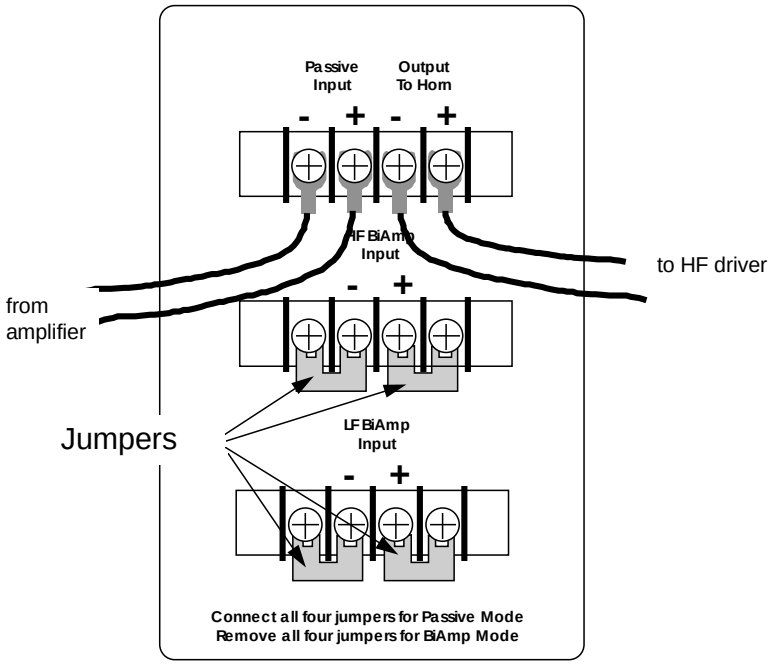
Note that when the horn/driver is fixed into position, it is accurately physically "time aligned" to the low frequency driver in the 3678-LF enclosure.

* NOTE: **NEVER** use this T-nut as a hang point for the 3678-LF enclosure. The enclosure was not designed for suspension, and the T-nut is not intended to support any weight.

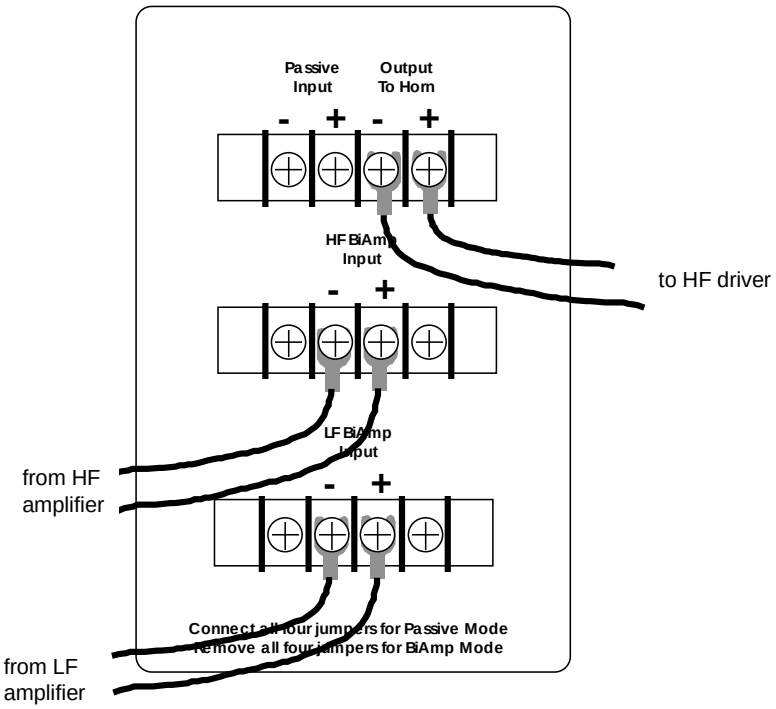
3678-LF Network Wiring Instructions:
The internal network of the 3678-LF (low frequency section) can be used to operate the system in either

passive or biamplified mode.

The network comes pre-configured **for passive crossover operation**, with four jumpers in place, as shown:



To bypass the internal passive crossover network **for bi-amplified operation**, remove all four jumpers and connect as shown:



Note that in both passive and bi-amplified mode, the same HF driver cable connection is made.