

**FIGURE 1**



**FIGURE 2**



**INSTALLATION SAFETY NOTE:**

IMC Series speaker systems must be installed by a qualified professional installer in accordance with all local, state, and federal building codes and regulations, and the installation must conform with industry standard practices. Lowell recommends that a safety factor of at least X5 be used when designing any speaker rigging system. It is the responsibility of the installer to consult a Licensed Structural Engineer to verify the structural integrity and safety of any mounting method before installation. After installation, inspect the rigging system regularly and replace worn or damaged rigging components immediately.

**Installation Instructions:**

IMC Series “-2W” (2 Cu. Ft. Volume) speaker systems are shown in **FIGURE 1**, **FIGURE 2**, and **FIGURE 3**. IMC “-1W” (1 Cu. Ft. Volume) speaker systems are not shown but all instructions included in this sheet apply to both cylinder sizes. All IMC Series speaker systems are equipped with three (3) ¼-20 load rated threaded inserts in the top of the enclosure. As shipped from the factory, ¼-20 load-rated forged shoulder eyebolts have been provided in those threaded inserts (shown in **FIGURE 2**) which can be used to suspend the speaker system using load-rated aircraft cables. The three (3) ¼-20 forged shoulder eyebolts may be removed to attach other load-rated rigging hardware to all three (3) ¼-20 threaded insert points if desired.

**Rear Cover Plate:**

The IMC speaker systems include a 4" X 4" cover plate that allows access to the wiring compartment as shown in **Figure 4**. If a transformer is included, it is mounted on a bracket below the 4" X 4" cover plate. The cover plate includes a ½" knockout for a UL Listed bushing, ½" Romex connector, or fitting for flexible conduit.

**Typical Wiring Method:**

Connect the field speaker wiring to the two (2) conductors sticking out of the rear of the speaker system. Red is the positive (+) lead and black is the negative (-) lead. Use UL Listed wire nuts or crimp caps to make the splice. Push the splice into the cavity above the transformer and close the 4" X 4" cover. Note: The splice must be located inside of the wiring cavity and be enclosed by the 4" X 4" cover plate to meet the NEC code.

**Setting the Transformer Tap Selector Switch:**

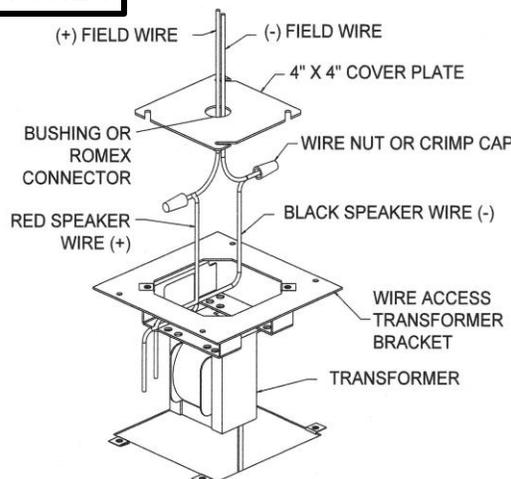
For models that include a transformer, set the transformer tap selector switch that can be accessed with a slot-head screwdriver through a hole in the front grille as shown in **FIGURE 3**. The tap selections are described in **FIGURE 5** for models with 100 watt or 32 watt transformers. For 8-ohm models, there is no selector switch provided.

**FIGURE 3**

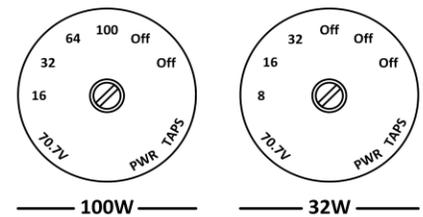
HOLE TO ACCESS  
SCREWDRIVER-ADJUST  
TRANSFORMER TAP  
SELECTOR SWITCH



**FIGURE 4**



**FIGURE 5**



Switch Position	Model -TS100	Model -TS32
1	16 Watts @ 70.7V	8 Watts @ 70.7V
2	32 Watts @ 70.7V	16 Watts @ 70.7V
3	64 Watts @ 70.7V	32 Watts @ 70.7V
4	100 Watts @ 70.7V	Off
5	Off	Off
6	Off	Off