

**REALISTIC®****70 VOLT TRANSFORMER**

Catalog Number 32-1031

## INSTRUCTIONS FOR SPEAKER WIRING

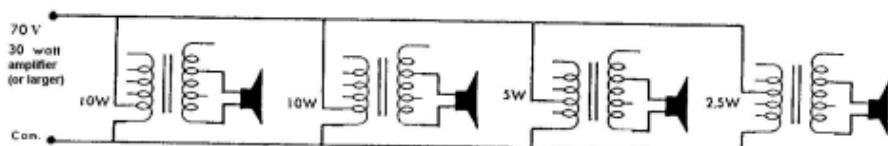


Fig 1. All speakers are 8 ohm and are wired to 8 ohm secondary taps. Total wattage is 27.5W which does not exceed the amplifier rating.

To drive several speakers when using a public address amplifier having a 70 volt speaker output, a 70 volt transformer must be used for each speaker connection. (See Fig 1.)

1. Connect each speaker to its transformer secondary tap making certain the tap impedance equals the speaker impedance. (See Fig 1 and 2.)
2. Connect a primary tap of each transformer to the speaker line, selecting the tap which will deliver the desired wattage to that speaker. (See Fig 1 and 2.)
3. Total the number of watts indicated by all primary tap connections, making certain this total does NOT exceed the amplifier's wattage rating. If it exceeds the amplifier's rating, one or more primary tap connection will have to be changed to a lower wattage tap.
4. Connect the speaker line to the 70 volt amplifier output.

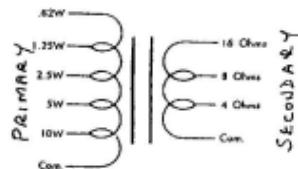


Fig 2. Tap identification, as shown on transformer. If using an 8-ohm speaker, connect it between the 8-ohm tap and common.

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