



SPEAKER CABLES

The PH50 is our standard cable when purchasing a complete sound system. These cables feature 1/4" plugs and heavy 16 gauge copper wire. These cables are adequate for daisy chaining up to 100' under normal use. You can DAISY-CHAIN up to one additional speaker per cable by using the unused 1/4" OUTPUT" jack (right side) on your speaker jack plate. Be sure to note the total impedance to the amp so it is not lower than its recommended impedance.

See Typical Loudspeaker Impedance Configurations.



PRECAUTIONS

1) DO NOT EXCEED THE POWER RATING marked on the rear connect plate. Excessive power will destroy drivers. 2) DISTORTION from power amps will destroy drivers much faster than clean power. 3) WATER, MOISTURE, and DUST are harmful to drivers causing failure which is not covered under warranty.

WARRANTY

CARVIN loudspeakers are covered by a ONE year limited warranty unless otherwise stated. Warranty coverage is limited to original manufactures defects only. WARRANTY DOES NOT COVER: 1) Opened or burned voice coils. 2) Torn cones caused by improper packing or abuse. 3) Damage from rain, moisture, ETC. When returning defective driver(s), remove them from the enclosure to reduce shipping costs. DO NOT stuff paper into the driver(s). Return pre-paid by UPS. Include your address and description of the problem. Your driver(s) will be returned COD for the cost of shipping and reconditioning if not covered under warranty.

Congratulations on your selection of the 805 10" 2-way loudspeaker. The 805 is ideal for use in small clubs or halls as a sound reinforcement loudspeaker. The 805 includes a built-in recessed bottom insert for the convenience of adding a speaker stand. With 200 watt power handling, the 805 is an excellent choice when portability and performance are of equal importance.

RECEIVING INSPECTION

INSPECT YOUR SPEAKER FOR ANY DAMAGE which may have occurred during shipping. If any damage is found, please notify the shipping company & CARVIN.

SAVE THE CARTON & ALL PACKING MATERIALS. In the event you have to re-ship your unit, always use the original carton and packing material. This will provide the best possible protection during shipment. CARVIN and the shipping company are not liable for any damage caused by improper packing.

SAVE YOUR INVOICE. It will be required for warranty service if needed in the future.

SHIPMENT SHORTAGE. If you find items missing, they may have been shipped separately. Please allow several days for the rest of your order to arrive before inquiring.

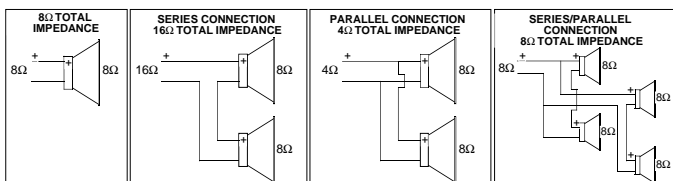
RECORD THE SERIAL NUMBER on the enclosed warranty card or below on this manual for your records. Keep your portion of the card and return the portion with your name and comments to us.

SUGGESTIONS FOR OPTIMAL PERFORMANCE

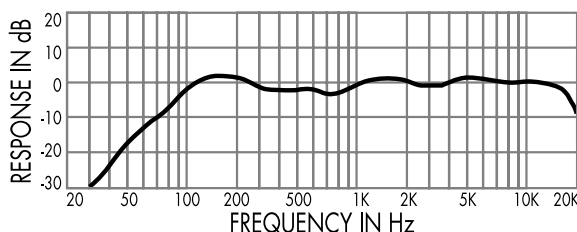
Raise the enclosure to the ear level of your audience for greater coverage. To help control feedback, use a graphic equalize if available. Keep the speakers in front of the microphone. Never direct the microphone towards the speaker. For greater coverage, add a second speaker system 20° to 30° off axis.

TYPICAL LOUDSPEAKER IMPEDANCE CONFIGURATIONS

Examples for individual speaker or speaker systems for total impedance.



FREQUENCY RESPONSE



MODEL 805 SPEAKER SYSTEM SPECS:

- Frequency Response:** 85 Hz to 15 kHz±3 dB
- Useable Low Frequency:** 60 Hz (-10 dB)
- Power Handling:** 200w continuous, 400w peak
- Recommended Amp:** 50 to 400 watts
- Sensitivity:** 98 dB SPL, 1 watt @ 1 meter
- Horn Dispersion:** 90° X 40°
- Nominal Impedance:** 8Ω
- Horn Driver Type:** Yes
- Connector Type:** Two 1/4"
- Enclosure Type:** Vented Box
- Enclosure Construction:** 13-Ply Poplar Plywood, Duratuff II®
- Dim/Wt:** 12.75"H x 11.5"D x 18.5"W, 24lbs.

For your records, you may wish to record the following information.

Serial No. _____ Invoice Date _____



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