

CARVIN ENGINEERING DATA RL210T BASS SPEAKER SYSTEM INSTRUCTIONS



The RL210T is a two-10" speaker system designed for the professional who wants the absolute best in bass guitar amplification. With 2 heavy duty ten inch woofers and an adjustable high frequency "Red Eye" compression driver, your sound will be crisp and clear even at the highest sound pressure levels. You will get clean, punchy, uncolored bass reproduction from an all new cabinet & cross-over design. The new Duratuff II™ covered cabinet is 18 inches deep and is "front shelf" ported for a full, deep sound.

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.

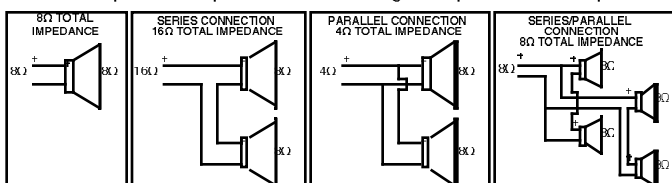
SAVE YOUR INVOICE. It will be required for warranty service if needed in the future.

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.

TYPICAL LOUDSPEAKER IMPEDANCE CONFIGURATIONS

Individual speaker or speaker cabinet wiring examples for total impedance.



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

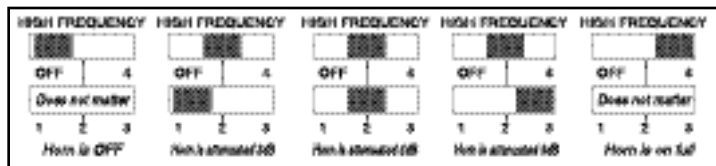
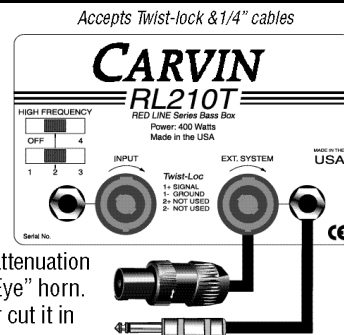
Serial No. _____ Invoice Date _____

REAR CONNECT PLATE

Two standard 1/4" phone jacks and two high current Twist-lock connectors are featured. One for connecting to the power amp and the other for connecting to an additional speaker system.

HORN ATTENUATION SWITCHES

The rear crossover panel features a set of attenuation switches to control the volume of the "Red Eye" horn. This will allow you to turn the horn full on or cut it in 3dB increments to customize the cabinet output.



SPEAKER CABLES

12 gauge Twist-lock speaker cables will provide a secure connection and high current transfer of power to the speakers. You can also use standard 1/4" speaker cables instead of the Twist-Lock cables provided they are at least 16 gauge. You can DAISY-CHAIN up to one additional speaker per cable by using the unused 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 it's 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.

MODEL RL210T BASS SPEAKER SYSTEM SPECS:

Frequency Response:	64 Hz to 16k Hz
Driver:	Two 10" PS10 Woofers & one PS1080 Horn
Power Handling:	400 watts
Horn Attenuation:	Switch attenuation
Horn Protection:	Yes—Maintenance Free
Coverage Angles:	90° Horizontal, 90° Vertical
Nominal Impedance:	4 Ω
Input Connector:	One 1/4" Phone Connector/one Twist-Loc
Output Connector:	One 1/4" Phone Connector/one Twist-Loc
Woofer Enclosure Type:	Verted Box
Enclosure Covering:	Duratuff II™
Dimensions:	23.5"W x 18.25"D x 17.5"H
Warranty:	One Year
Weight:	50 lbs.
Optional Vinyl Cover:	CVS 211

CARVIN

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