

CARVIN

V210T Speaker Enclosure

The V210T two ten 400 watt cabinet delivers the sound that today's professional bass player is looking for. This durable cabinet houses two Carvin PS10 200 watt 10" speakers and a PS1030 tweeter for extended high frequency response. This is the perfect cabinet for the player who is looking for a tight low end combined with penetrating highs.



CONGRATULATIONS on your selection of CARVIN products: "The Professional's Choice." Your new speaker system demonstrates CARVIN's commitment to producing the highest quality & most thoroughly engineered products in pro audio.

Please send in the warranty card. It will allow us to better understand how you are using the equipment while keeping a ready reference for our files.

RECEIVING INSPECTION

INSPECT YOUR SPEAKER SYSTEM FOR ANY DAMAGE which may have occurred during shipping. If any damage is found, notify the shipping company and call CARVIN immediately.

SAVE THE CARTON & ALL PACKING MATERIALS. In the event you have to re-ship your speaker, always use the original carton and packing material. This will provide the best possible protection for your speaker 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 servicing of your unit. Always check your invoice against the items you have received.

SHIPMENT SHORTAGE. If you find items missing, it may be that they were shipped separately. Please allow several days for the rest of your order to arrive before inquiring. If you determine (after allowing an appropriate amount of time) you have not received all the items you ordered, please call CARVIN.

SYSTEM CONNECT PLATE

For maximum versatility, you have a choice of 1/4" phone or XLR connectors along with a **FULL & CUT** attenuator switch for the Tweeter. To change the Tweeter operation, remove the rubber cap above the left phone jack. With a small slot screwdriver, move the switch **UP** for FULL TWEETER or **DOWN** for TWEETER CUT. To re-secure the rubber cap, push hard on the center of the rubber cap until it locks in. This will prevent air leaks. **XLR CONNECTOR WIRING:** Pin 1: GROUND, Pin 2; HOT (red binding post on your amp), Pin 3; Not used.



SPEAKER CABLES

CARVIN offers its standard 8' **PH8** speaker cable featuring heavy-duty 16 ga copper wire and 1/4" phone plugs for speaker to amp hookups. For amps that feature XLR speaker output connectors, you may select the heavy-duty CARVIN 6' XLR **XP6** speaker cable.

IMPORTANT: Do Not Use Shielded Guitar or XLR Mic Cables. Using a shielded cable could cause your amp to "thermal protect" and shut down.

SUGGESTIONS FOR OPTIMAL PERFORMANCE

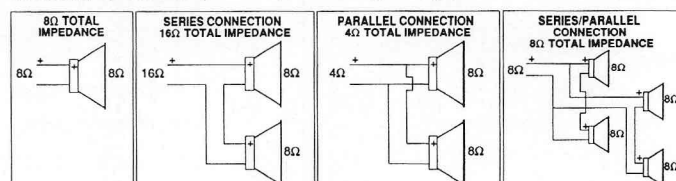
- 1) The Tweeter is factory set on **FULL** for the greatest treble response. To determine if the Tweeter should be on **FULL** or **CUT**, try different amp EQ setting (Bright switch—Treble control). As you experiment, you may discover that you can have the benefits of the Tweeter on **FULL** while at the same time take the edge off and reduce noise by reducing the Treble or leaving the Bright switch off on your amp.
- 2) For greatest bass response, keep your speaker on the floor or on another enclosure (stack). Placing speakers on the floor always amplifies bass waves. To experiment, raise your cabinet off the floor and will notice that your deep bass is reduced. If you desire a folded horn response (deep bass and no highs), turn your cabinet around and face down (angled 45°) into a room corner.
- 3) If greater volume is required, add additional enclosures. Be sure you calculate the total speaker impedance. The total impedance should not be lower than the amps min. recommended impedance or you risk "thermal shut down" of your amp.

DAISY CHAINING (EXTENSION SPEAKER)

The Rear Connect Plate on all CARVIN speaker systems permit extending ("Daisy Chaining") one additional speaker system to your amp. It is not recommended that you "daisy chain" more than one system. You must also recalculate the total speaker impedance to your amp. If your speaker has a 8Ω impedance and you daisy chain another 8Ω speaker, your total impedance is 4Ω. Most power amps are not designed for less than 4Ω or they will "thermal protect" and shut down. If you are using the 1/4" Phone Jack for the input, you may use the XLR connector for the extension speaker or vice-versa.

TYPICAL LOUDSPEAKER IMPEDANCE CONFIGURATIONS

Individual speaker or speaker cabinet wiring examples.



DRIVER PRECAUTIONS

- Be advised of the following conditions to protect your speaker system:
- 1) **DO NOT EXCEED THE POWER RATING** marked on the rear connect plate (Carvin systems are conservatively rated allowing occasional peak power above the normal rating. However, excessive power will destroy the drivers).
 - 2) **WATER, MOISTURE, and DUST** are harmful to drivers causing failure that is not cover under warranty.
 - 3) **CAUTION: Using a high powered amplifier in its "Bridged" mode may exceed the power rating of this system and damage all system drivers.**
 - 4) **DISTORTION (square wave) will destroy drivers regardless of power ratings.**

WARRANTY

CARVIN loudspeakers are covered by a **ONE** year limited warranty. Warranty coverage is limited to original manufacturing 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.

WARRANTY REPAIRS

To help reduce shipping costs, defective drivers can be removed from the enclosure. Return pre-paid by UPS. Include your address and detailed description of the problem. Your driver will be returned COD for the cost of shipping and reconditioning if the problem is not covered under warranty.

EXTENDED WARRANTY

Before your warranty expires, you may purchase an **EXTENDED WARRANTY**. Call 800-854-2235 for details.

MODEL V210T SPEAKER SYSTEM SPECS:

Frequency Response:	70 to 16k Hz
Drivers:	Two 10" PS10 Woofers & 1 PS1030 Tweeter
Power Handling:	400 watts
Tweeter Attenuation:	Full or Cut
Coverage Angles:	90° Horizontal, 45° Vertical
Nominal Impedance:	4Ω
Input Connectors:	One XLR & One 1/4" Phone Connector
Output Connectors:	One XLR & One 1/4" Phone Connector
Woofers Enclosure Type:	Vented Box
Enclosure Covering:	Duratuff™
Dimensions:	25"W x 16"D x 15"H
Warranty:	One Year, Extended Warranty available
Options:	Cables: PH8 or XP6 , Vinyl Cover: CVS210T

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