

UEGAPRO

SUBWOOFER



**cerwin
vega**
mobile 

1225 E. 7th St. • Los Angeles, CA 90021 USA

P 213-261-4161 • F 213-947-4767

WWW.CERWINVEGAMOBILE.COM



UPROI02D/UPROI04D/UPROI22D
UPROI24D/UPROIS2/UPROIS4D

USER MANUAL

MAKING IT LOUD SINCE 1954!

Introduction

Cerwin Vega Mobile Speakers

Congratulations for purchasing Cerwin Vega Mobile speakers for your car audio system. You have chosen Cerwin Vega Mobile because you deserve the best!

Cerwin Vega Mobile speakers are designed and engineered to reproduce great sound quality for many years of listening enjoyment in your vehicle! We highly recommend that your new speakers be installed by an authorized Cerwin Vega Mobile dealer. Your authorized dealer can professionally assemble/disassemble the interior of your vehicle and set the proper speaker placement for ideal sound quality.

If you decide to install the speakers by yourself, please thoroughly read through this manual before getting started. This manual will help familiarize yourself with these speakers and guide you through the installation process and procedures.

Please contact your local authorized Cerwin Vega Mobile dealer if you have any questions regarding the instructions in this manual. If you require additional assistance, please contact the Cerwin Vega Mobile Technical Support Department during business hours at 213-261-4161.

Warranty

Thank you for purchasing a Cerwin Vega Mobile product and we hope to provide you with countless hours of listening enjoyment.

Please take a brief moment to register your new product. By registering your new product, you will receive benefits such as:

- Important product notifications that may pertain to your purchase.
- Confirmation and record of ownership in case of loss or theft.
- Knowledgeable customer service and technical assistance pertaining to your product.

Register your new product by completely filling out this Product and Warranty Registration card or register online at www.cerwinvegmobile.com.

Registration is voluntary and failure to register will not diminish your limited warranty rights.

Limited Warranty (U.S.A.)

Cerwin Vega Mobile warrants all of our amplifiers and speakers to be free of defects in materials and workmanship for a period of one (1) year.

This warranty is non-transferable and applies only to the original purchaser from an authorized Cerwin Vega Mobile dealer. If service is required and necessary under this warranty due to manufacturing defect or malfunction, then Cerwin Vega Mobile will repair and/or replace defective product with either new or remanufactured like product at no charge at our discretion.

Damage to product caused by the following will not be covered under this warranty: abuse, accident, misuse, neglect, modifications, repairing attempts, seller/installer misrepresentation.

This warranty does not cover any incidental, consequential, or cosmetic damage due to accidents or normal wear and tear, nor does it cover the cost of removing or reinstallation of the product.

Warranty is void if the product's serial number has been removed, defaced, and/or tampered with.

Warranty Procedure:

We recommend that you contact your Cerwin Vega Mobile authorized dealer where your original purchase was made to initiate all warranty claims. Our authorized dealers can guide you through the warranty procedure to ensure that your claim will be processed in a timely manner. All warranty returns must be accompanied with a proof of purchase (a copy of the original sales receipt) and be shipped freight prepaid to our facility with an RA (Return Authorization) number clearly marked on the outside of the package. Direct returns from consumers or non-authorized dealers will be refused if shipped without a valid RA number authorized by Cerwin Vega Mobile beforehand.

INTERNATIONAL

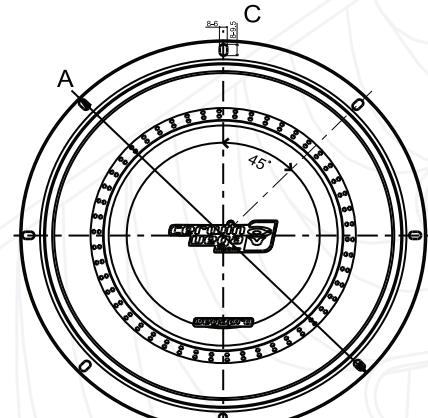
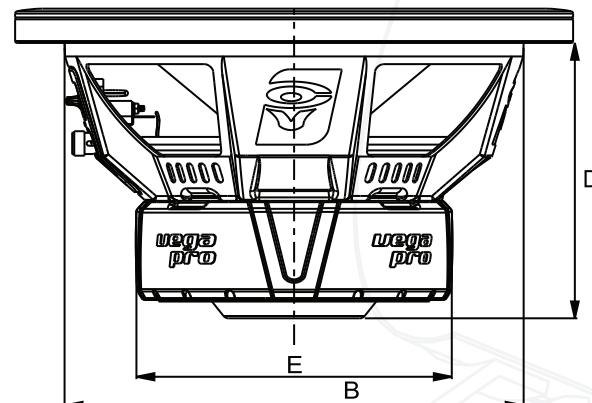
Products purchased outside of the U.S.A. are covered only by that country's distributor and not by Cerwin Vega Mobile U.S.A.

Please Ship All Warranty Claims With Pre-Authorized RA Number To:
CV&DA Holdings, Inc.
ATTN: Customer Service Department
1225 E. 7th St.
Los Angeles, CA 90021 USA

Please Contact Customer Service for Further Warranty Information:
U.S.A.
Tel: 213-261-4161 / Fax: 213-947-4767

Specifications

Dimension	Unit	VPRO102D/4D	VPRO122D/4D	VPRO152/4D
Total Diameter (A)	in. (mm)	10.7" (272mm)	12.6" (320mm)	15.78" (401mm)
Mounting Diameter (B)	in. (mm)	8.82" (224mm)	10.7" (272mm)	13.62" (346mm)
Screw Hole Dia. (C)	in. (mm)	0.7" (18mm)	0.7" (18mm)	0.82" (21mm)
Mounting Depth. (D)	in. (mm)	5.63" (143mm)	5.98" (152mm)	7.36" (186mm)
Magnet Dia. (E)	in. (mm)	6.06" (154mm)	6.5" (165mm)	7.52" (191mm)
Displacement (ft ³ /L)	in. (mm)	0.062 ft ³ (1.76L)	0.081 ft ³ (2.29L)	0.098 ft ³ (2.63L)

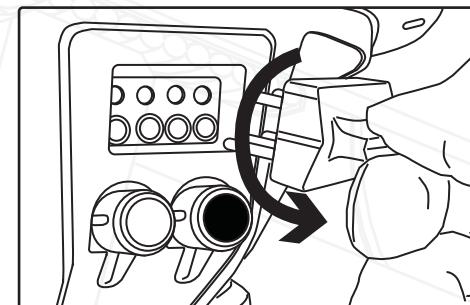


Thiele/Small Parameters

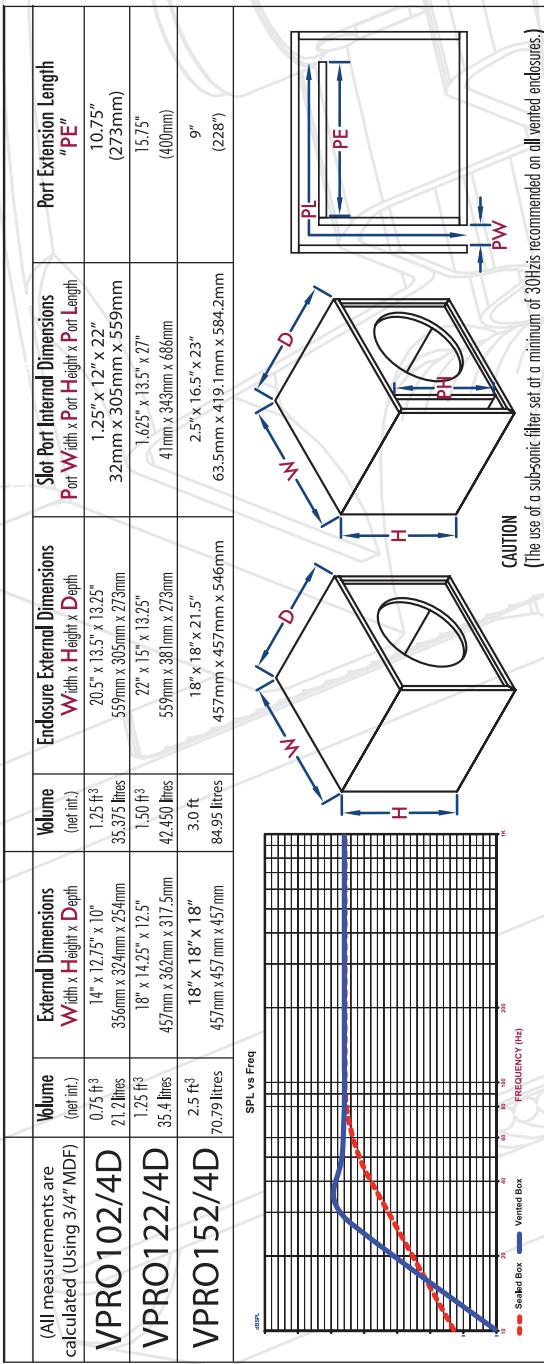
Parameter (unit)	VPRO102D	VPRO104D	VPRO122D	VPRO124D	VPRO152D	VPRO154D
SPL (dB)	83.6	82.9	85.3	84.6	87.4	88.0
Re (Ω) [series]	2.0/2.0	4.0/4.0	2.0/2.0	4.0/4.0	2.0/2.0	4.0/4.0
Qms	8.0	7.7	13.3	9.5	11.5	10.4
Qes	0.67	0.71	0.60	0.69	0.56	0.61
QtS	0.620	0.603	0.572	0.645	0.536	0.584
Fs (Hz)	34.8	35.7	30.5	29.2	27.2	28.4
Vas (L)	21.3	20.7	42.5	40.9	93.1	87.7
Cms (mm/N)	0.270	0.195	0.125	0.260	0.102	0.250
Mms (g)	148.3	135.7	217.7	250.3	335.5	371.8
Sd (m^2)	0.033	0.033	0.049	0.049	0.080	0.080
BL (T*M)	13.5	16.7	16.0	10.2	19.8	24.6
Xmax (mm)	15.4	15.4	18.5	18.2	18	22.5
Pwr (W) NOM/MAX	700/1400	700/1400	750/1500	750/1500	900/1800	900/1800

Integrated Impedance Selector

To help installation we at Cerwin-Vega Mobile designed a simple but effective single terminal Dual Voice coil setup. Simply pull out the terminal and rotate it to the impedance desired. The impedance above the terminal is now the impedance of the driver, with only one set of speaker wires going to it. No complicated wiring anymore!!!



RECOMMENDED ENCLOSURES



CAUTION (The use of a subsonic filter is set at a minimum of 30Hz's recommended on all vented enclosures.)



MINIMUM RMS POWER (50W BLACK AREA) This lower amount of power will increase the longevity of the woofer, but will decrease the amount of output volume.

RECOMMENDED RMS POWER (100W GREEN AREA) This is the optimum amount of power to provide the perfect balance output volume and woofer longevity.

MAXIMUM RMS POWER (250W RED AREA) This is the maximum amount of power the woofer is designed to operate safely under. Only a moderate volume increase is gained (<1 7dB) at this higher power level. Operating Beyond this power level will void your warranty.

Features

VPRO102D / VPRO104D - 10 INCH SUBWOOFER

VPRO122D / VPRO124D - 12 INCH SUBWOOFER

VPRO152D / VPRO154D - 15 INCH SUBWOOFER

- Proprietary Deep Drawn Stamped Cast Vega Basket
- Optimized High Power Double-Stacked Motor Structure
- Parabolic One Piece Woven Carbon Fiber Paper Backed
- Vented Pole Piece and Voice Coil Gap For Extreme Power Handling
- Double Stitched High Roll Black Santoprene Surround
- Proprietary Horizontal Mounted Spring Loaded Terminal
- High Power Integrated Impedance Selector
- Vega Concealed Mounting Gasket

