

SRPM SERIES ***DIGITAL AMPLIFIERS*** **RECREATIONAL . POWERSPORT . MARINE .**



SRPM700.2D(W) / SRPM700.4D(W)
SRPM750.ID(W)/SRPM1000.ID(W)
SRPM1100.5D(W)

USER MANUAL

Cerwin Vega Mobile Amplifiers

Thank you for purchasing a Cerwin Vega Mobile amplifier for your car audio system. You have chosen Cerwin Vega Mobile because you deserve the best!

Cerwin Vega Mobile amplifiers are designed and engineered to the highest quality standards in the industry to create the ultimate listening experience in your vehicle. For optimal performance of this product, it is highly recommended that you have your new amplifier installed by an authorized Cerwin Vega Mobile dealer. Our authorized dealers have the necessary experience and installation equipment to ensure that your amplifier will deliver maximum performance and explain all the details pertaining to our warranty coverage as well.

If you decide to install the amplifier by yourself, please thoroughly read through this manual before getting started. This manual will help familiarize yourself with this amplifier 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 or the amplifier's operation capabilities. If you require additional assistance, please contact the Cerwin Vega Mobile Technical Support Department during business hours at 213-212-3187.

Pre-Install Precautions

WARNING: Prolonged exposure to sound pressure levels in excess of 100dB can cause permanent hearing loss. Cerwin Vega Mobile amplifiers can exceed that level so please exercise restraint when listening and enjoying your new amplifier.

GENERAL PRECAUTIONS

- This unit is designed for negative ground 12V DC operation only.
- Total system impedance must not be less than 2ohms, in a bridged OR stereo configuration
- Avoid installing the unit where:
 - It would be subject to high temperatures, such as from direct sunlight or hot air from the heater.
 - It would be exposed to rain or moisture.
 - It would be subject to dust or dirt.
- Do not cover the unit with carpet or wires.
- Do not use the unit with a weak auto battery. Optimum performance depends on a normal battery supply voltage.
- For safety reasons, keep the volume of your car audio system moderate while driving your vehicle so that you can still hear normal traffic sounds outside your car.
- There is NO speaker level input connector, you can cut RCA's and solder the wires and connect directly thru low level input(RCA)

MOUNTING PRECAUTIONS

Although Cerwin Vega Mobile amplifiers incorporate heat sinks and protection circuits, mounting the amplifier in a tight space without any air movement can still damage internal circuitry over time. Choose a location that provides adequate ventilation around the amplifier. For easy system set-up, mount the amplifier so the side panel controls will be accessible after installation. To increase thermal run times on low impedance loads, an additional fan is recommended, remember any moving air across the amplifier will reduce heat.

In addition, observe the following precautions:

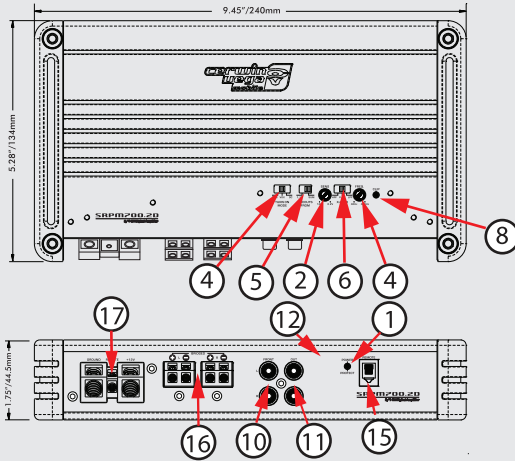
1. Using a felt pen mark the mounting hole locations.
2. Mounting the amplifier on carpet will significantly reduce air flow, resulting in reduced thermal run times.
3. Mount the amplifier on a solid surface. Avoid mounting to sub woofer enclosures or areas prone to vibration. Do not install the amplifier on plastic or other combustible materials.
4. Prior to mounting the amplifier, make sure not to cut or drill into the fuel tank, fuel lines, brake lines (under chassis) or electrical wiring.

WIRING PRECAUTIONS

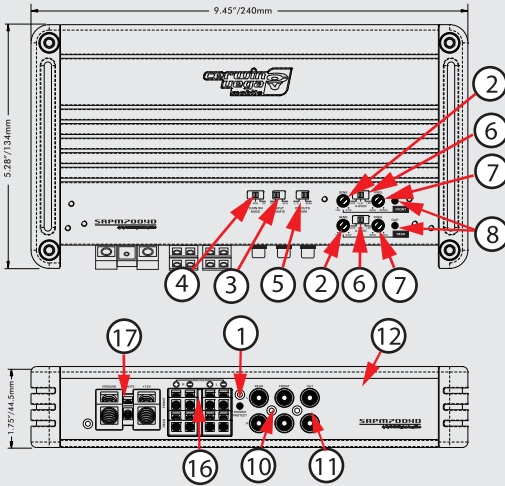
1. Before installation, make sure the source unit power switch is in the OFF position.
2. Disconnect the negative (-) lead of the battery before making any power connections.
3. When making connections, be sure that each one is clean and secure. Insulate all of your connections. Failure to do so may damage your equipment.
4. A secure clean ground connection is critical to the performance of your amplifier. Connect the ground directly to the car chassis to minimize resistance and avoid any noise problems.
5. Add an external fuse on the amplifier's positive (+) power lead and connect it as close as possible to the vehicle's (+) battery terminal. Use a rating that equals the total current consumption at full output of all amplifiers in the system. This external fuse will protect the vehicle from short circuits that can cause a fire.

Features

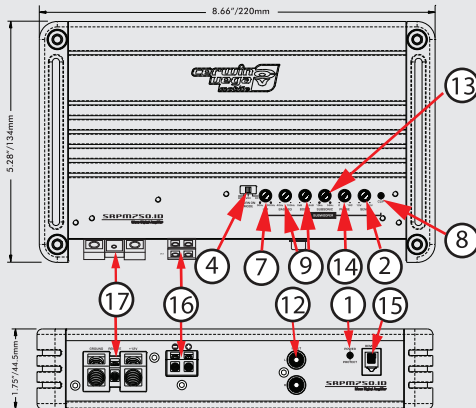
SRPM700.2D



SRPM700.4D



SRPM750.1D

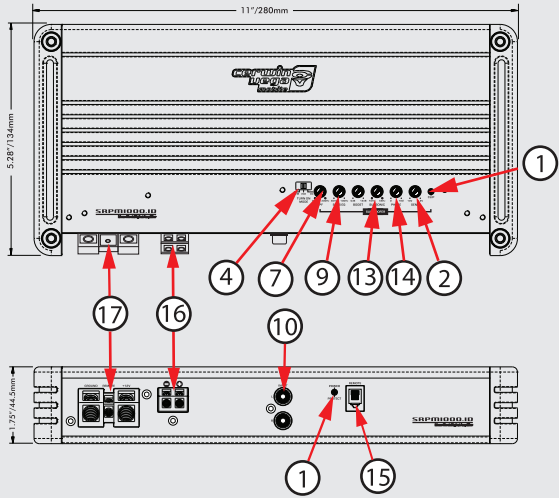


Functions

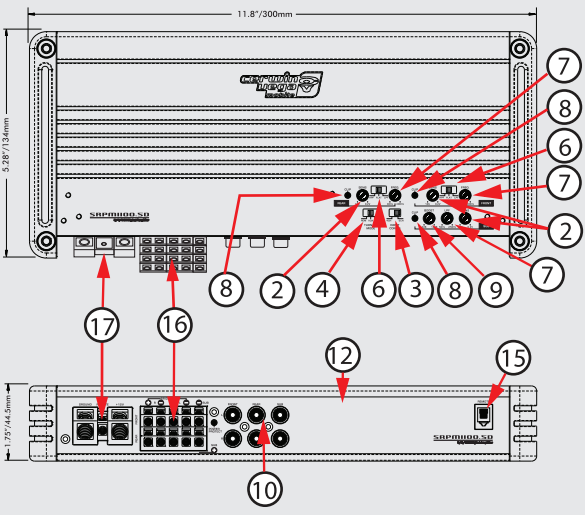
- ① **Status LED's** — These lights indicate when the amplifier is powered up normally and when there is a protection fault. The Protect LED is illuminated when there is a problem with your amplifier. Please contact your authorize CVM dealer or call CVM's technical support.
- ② **Input Gain Adjustment (SENS)** — This control matches the preamp stage of the Cerwin Vega Mobile amplifier to your source unit. This is NOT a volume control. The range is between approx. 0.2mV to 10V. It can ALSO handle speaker inputs of less than 25 watts RMS (typical OEM headunits are LESS than 25 W RMS...but NOT all)
- ③ **Input Configuration** — This switch parallels the input circuit if you are using a single stereo pair of outputs from your headunit or from an auxiliary device (like a Smartphone, etc). The 5 channel model (SRPM1000.5D) is set up to accept 2/4/and 5 channels of input.

Turn-On Mode Switch — This switch allow you to configure the "Turn-On Mode" switch for desired turn-on trigger. There are 3 modes available
- ④ **Turn-On Mode Switch** — This switch allow you to configure the "Turn-On Mode" switch for desired turn-on trigger. There are 3 modes available are REM, DC and VOX. 1- (REM) is the standard 12V trigger wire, 2 - (DC) or DC offset, when connected high level in, will sense differences in ground in your wiring through the speaker leads and turn on amplifier, 3 - VOX (signal sensing) will sense any kind of signal input into the amplifier RCA turning on the amplifier. Select VOX when using any Cerwin-Vega Mobile Bluetooth Controller.
- ⑤ **PreAmp Output Select** - This switch allow you to select from which input you will use to be the ouput signal to the next amplifier in the signal chain. For example for a 4 channel to a mono block to make a front/rear/sub system minimizing long RCA cables.
- ⑥ **Crossover Selection Switch** - This switch allow you to select the crossover function. HPF (High Pass Filter) LPF (Low Pass Filter) or FIAT (no filter), HPF is for filtering out bass for midrange/mid bass drivers. LPF is for filktering out high frequencies for subwoofers The range of adjustment is limited between 40-400Hz ©12dB per octave (SRPM750/1000.1D/1100.5D is 30-300 Hz ©12dB per octave).
- ⑦ **Crossover Frequency Adjustment** - Use this adjustment to select the crossover point LPF/FLAT/ or HPF. Remember that you must select the crossover function FIRST to get any adjustment. The range of adjustment is limited between 40-400Hz (SRPM1100.5D is 30-300 Hz).
- ⑧ **Output Clipping Indicator** - This light indicates that the output of the amplifier is chipping. Use this light to help set gains.
- ⑨ **Bass EQ** - This control adds 0 to +12dB of Bass boost at whatever BASS frequency has been chosen (40-100hZ). Be cautious when adding boost to some subwoofer systems as they may not be able to handle the additional low frequency boost.
- ⑩ **RCA Input** - The RCA jacks allow for a normal Left and Right channel signal input. Simply connect to the source unit using RCA type audio cables, keeping them away from power wiring wherever possible to reduce risk of noise.
- ⑪ **RCA Output** - The RCA jacks allow for a normal Left and Right channel signal pass thru to a secondary amplifier. This is ONLY on the SRPM700.2D and SRPM700.4D
- ⑫ **Sub-Sonic Adjustment** - This control allows you to remove the unwanted sub-sonic frequencies below the tuning frequency of a ported enclosure. This helps to protect the woofer from over excursion.
- ⑬ **Phase** - This control gives the installer a unique feature that allows the variable adjustment of phase 0-180 degrees to compensate for subwoofer placement. Allowing the subwoofer to sound like it's placed in the front of the vehicle instead of the trunk.
- ⑭ **Remote Level Control** - All SRPM amplifiers(except SRPM700.4D) have this port for the remote level control (included). The control is intended to allow the user to control the level of gain up to the maximum adjustment level set on the amplifier for the subwoofer output. The control does not add additional boost, it only attenuates the setting that is fixed at the amplifier's control panel.
- ⑮ **Speaker Output Terminals** - Connect your speakers to these terminals. Stereo connections are connected as labeled. Bridged connections use the LEFT + and RIGHT - as the two connections. The 2 and 4 channel amplifiers will perform into 2 Ohm stereo loads or 4 Ohm bridged loads. DO NOT run 2 Ohm bridged loads on these amplifiers! The mono blocks will run 1 ohm mono.
- ⑯ **Power Input Connections** - These connections are for input power, chassis ground, and remote turn-on. Use a minimum of 8 gauge wiring for power and ground connections. 4 Gauge is recommended for the mono block. The terminals will handle up to 8 gauge wiring with no problem whatsoever(4 gauge on the mono block). Be sure any wiring that passes through metal has a grommet!

SRPM1000.ID



SRPM1000.SD



Functions

- ① **Status LED's** — These lights indicate when the amplifier is powered up normally and when there is a protection fault. The Protect LED is illuminated when there is a problem with your amplifier. Please contact your authorize CVM dealer or call CVM's technical support.
- ② **Input Gain Adjustment (SENS)** — This control matches the preamp stage of the Cerwin Vega Mobile amplifier to your source unit. This is NOT a volume control. The range is between approx. 0.2mV to 10V. It can ALSO handle speaker inputs of less than 25 watts RMS (typical OEM headunits are LESS than 25 W RMS...but NOT all)
- ③ **Input Configuration** — This switch parallels the input circuit if you are using a single stereo pair of outputs from your headunit or from an auxiliary device (like a Smartphone, etc). The 5 channel model (SRPM1000.5D) is set up to accept 2/4/and 5 channels of input.
- ④ **Turn-On Mode Switch** — This switch allow you to configure the "Turn-On Mode" switch for desired turn-on trigger. There are 3 modes available are REM, DC and VOX. 1- (REM) is the standard 12V trigger wire, 2 - (DC) or DC offset, when connected high level in, will sense differences in ground in your wiring through the speaker leads and turn on amplifier, 3 - VOX (signal sensing) will sense any kind of signal input into the amplifier RCA turning on the amplifier. Select VOX when using any Cerwin-Vega Mobile Bluetooth Controller.
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- ⑯ **Power Input Connections** - These connections are for input power, chassis ground, and remote turn-on. Use a minimum of 8 gauge wiring for power and ground connections. 4 Gauge is recommended for the mono block. The terminals will handle up to 8 gauge wiring with no problem whatsoever(4 gauge on the mono block). Be sure any wiring that passes through metal has a grommet!

VEHICLE ELECTRICAL SYSTEM

Amplifiers (regardless of brand name) will put an increased load on the vehicle's battery and charging system. Cerwin Vega Mobile recommends checking your alternator and battery condition to ensure that the electrical system has enough capacity to handle the increased load of your stereo system. Original equipment electrical systems which are in good condition should be able to handle the extra load of any CVM amplifier without problems, although battery and alternator life can be reduced depending on your individual listening habits. To maximize the performance of your amplifier, we suggest the use of a reserve power "Stiffening" capacitor (1 Farad per 1000W). In Cerwin-Vega Mobile products this is called a CVCAP2

WARNING:

Avoid running power wires near the low level input cables, antenna, power leads, sensitive equipment or harnesses. The power wires carry substantial current and could radiate noise into the audio system through the audio cables.

1. Plan the wire routing as described in the "Importance of Pre-Planning" section. Keep RCA cables close together but isolated from the amplifier's power cables and any high power auto accessories, especially electric motors. This is done to prevent coupling the noise from radiated electrical fields into the audio signal. When feeding the wires through the firewall or any metal barrier, protect them with plastic or rubber grommets to prevent short circuits. Leave the wires long at this point to adjust for a precise fit at a later time.

2. Prepare the power wire for attachment to the amplifier by stripping 5/8 inch (15.9mm) of insulation from the end of the wire. Insert the bare wire into the B+ terminal And tighten the set screw to secure the cable in place.

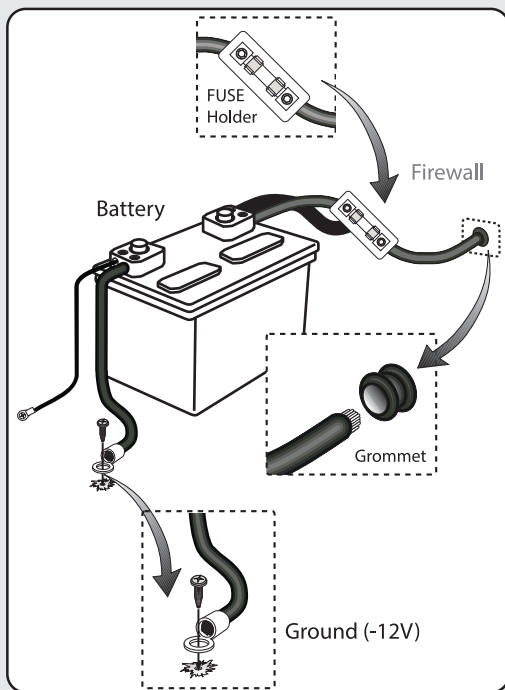
WARNING:

The B+ cable **MUST** be fused 18" or less from the vehicle's positive battery post. Choose a location to install a waterproof fuseholder under the hood and ensure connections are water tight. If you do not use the appropriate fuseholder, the connection will eventually suffer corrosion from moisture and heat.

3. Trim the power cable within 18 inches (45.7mm) of the positive battery post and splice in a in-line fuse holder. **DO NOT** install the fuse at this time.

4. Strip 1/2 inch (12.7mm) from the battery end of the power cable. Crimp and solder a large ring terminal to the cable. Connect the ring terminal to the positive (+) battery post.

FUSE WIRE DIAGRAM



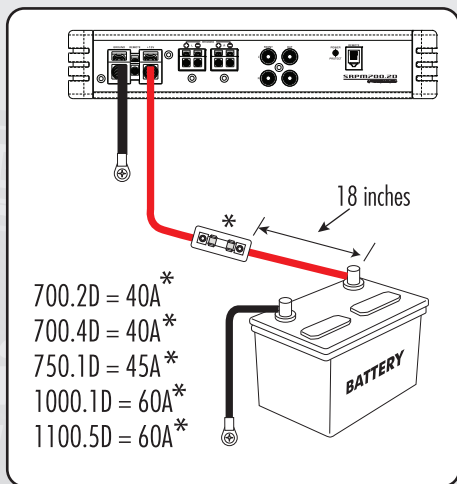
Installation

5. Prepare the ground wire for attachment to the amplifier by stripping 5/8" of insulation from the end of the wire. Always use a wire of the same gauge as the power connection, never smaller. Insert the bare wire into the GND terminal and tighten the set screw to secure the cable in place. Prepare the chassis ground by scraping any paint from the metal surface and thoroughly clean the area of all dirt and grease. Strip the other end of the wire, crimp and solder a ring connector. Fasten the cable to the chassis using a non-anodized screw with a star washer and a nut.

WARNING: It is important to upgrade the ground connection between the negative (-) battery post and the vehicle body or chassis to achieve optimum electrical performance.

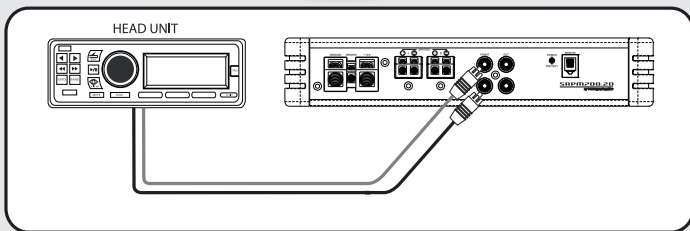
6. Prepare the REM turn-on wire for attachment to the amplifier by stripping 5/8 inch (15.9mm) of insulation from the end of the wire. Insert the bare wire into the REM terminal and tighten the set screw to secure the wire in place. Connect the other end of the REM wire to a switched 12 volt positive source. The switched voltage is usually taken from the source unit's remote amp turn on lead. If the source unit does not have this output available, the recommended solution is to wire to an accessory terminal in the car's fuse block using a relay to isolate the amplifier from the vehicles accessory circuit. This however will turn the amplifier on and off with the ignition key, regardless of whether the car stereo is on or off.

FUSE CONNECTION DIAGRAM



7. Securely mount the amplifier to the vehicle or amp rack. Be careful not to mount the amplifier on cardboard or plastic panels. Doing so may enable the screws to pull out from the panel due to road vibration or sudden vehicle stops.
8. Connect from source signal by connecting the RCA audio cables to the input jacks at the amplifier.

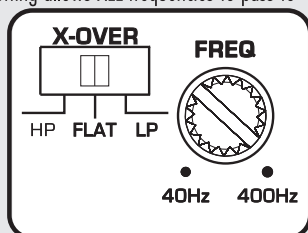
RCA CONNECTION DIAGRAM



9. Connect the car speakers. Speakers impedance should never be less than 2 Ohms stereo, 4 Ohms bridged (the SRPM1100.5D sub channel is stable into 2 ohms). For most applications 18 gauge wire is adequate for the speaker leads. For leads in excess of ten feet, 16 gauge wire is recommended. Strip the speaker wires 1/2" (12.7mm) and insert into the speaker terminal block then tighten the set screw to secure into place. When wiring the speakers, pay careful attention to the polarity of the terminals on the speakers and make certain they correspond to the polarity on the amplifier. DO NOT chassis ground any of the speaker leads as unstable operation or damage to the amplifier and/or speaker may result.

System

Placing the x-over switch in the FULL position sets the amplifier to Full Range. This setting allows ALL frequencies to pass to the speakers. With the placing the switch in the HP or LP position activates the 12dB crossover, adjustable from 40Hz - 400Hz. The 750.1D/1000.1D mono is dedicated for Low Pass (LP) only with an adjustable frequency from 30Hz - 300Hz. The 1100.5D (5 channel) amplifier offers full range (FULL) high pass (HP) or low pass (LP) selector switch for channels 1-4. Channel 5 (on 1100.5D) is dedicated for subwoofers only but offers an adjustable (LP) crossover from 30Hz - 300Hz.



Placing the switch in the HP position sets the amplifier to the High Pass Filter mode, enabling frequencies above the cutoff point to pass. Placing the switch in the LP position sets the amplifier to the Low Pass Filter mode, enabling frequencies below the cutoff point to pass. For system tuning begin with the frequency set at approximately 80Hz and fine tune up or down based on music choice and input level.

To adjust the gain setting, turn the amplifier gains all the way down (counterclockwise). If using a remote level control (ALL SRPM amplifiers but 700.4D), plug the level control into the amplifier and turn it to about "HALF-WAY" (approx. the 12 O'clock position) this setups the bass boost so you can turn it UP ..OR...turn it DOWN when playing different music styles. Next turn the source unit volume up to almost full volume (usually about 2/3rds of the way up) or until the output starts to distort on an oscilloscope. This will be NEARLY full volume on most source units, perhaps one or two "clicks" down from maximum volume. Next, increase the amplifier gain setting until adequate volume is achieved, or until distortion is audible and then turn it down a bit until the distortion is inaudible.

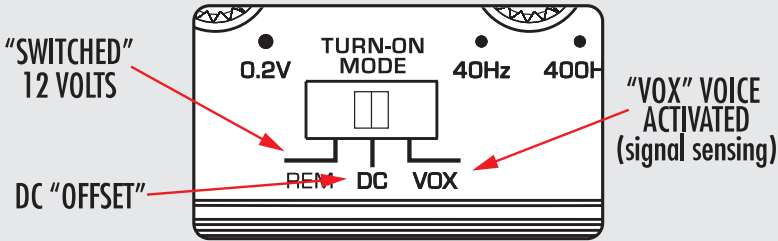
NOTE: Ideal signal to noise and dynamic range are achieved with the gain at minimum. Most users find adequate gain and volume is achieved at less than halfway in the adjustment range. Avoid setting the amplifier gain very high as noise and distortion will increase significantly. For a more in depth level setting (gain adjustment) procedure, visit the Cerwin-Vega Mobile website.

The HP or LP crossover adjustment can now be fine tuned. If you are using the amplifier in a HP configuration and would like the system to be a little bit louder you can increase the HP Filter frequency and reset the "Gain" of the amplifier. Raising the HP frequency up to high however will cause a loss of mid range and bass. If you are using the amplifier in a HP filter configuration and you hear voice or vocals coming from your subwoofer system you can turn the LP Filter frequency down (lower). After setting the input gain adjustment and crossover, you may choose to add a small amount of "Bass Boost" in the low frequency region. There is both a Frequency selection (40-100Hz) AND how much boost (0-12dB). Remember that the Bass Boost feature will not fix a poorly designed subwoofer enclosure or subwoofers that didn't sound good to begin with.

1. Make sure any bass EQ or low frequency equalization from the source unit is set to OFF or FLAT.
2. While playing the same musical selections used during the gain setting process, slowly increase the level of the Bass EQ. You should be able to notice a change between 0 and +12dB. At the same time adjust frequency slowly from 40 -100Hz. If you do not notice much difference, then it will not serve any benefit to increase the boost further.
3. If the boost has audible benefits without adding appreciable distortion, find a level that suits your taste. Remember: it's much easier to construct the right subwoofer enclosure for your listening preferences than relying on a bass boost control to do the job!

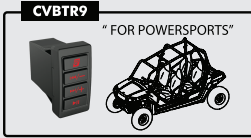
System

TURN-ON OPTIONS - configure the "Turn-On Mode" switch for desired turn-on trigger. There are 3 modes available on the Bomber series amplifier, REM, DC and VOX. (REM) is the standard 12V trigger wire (DC) or DC offset (when connected high level in, this will sense differences in ground in your wiring through the speaker leads and turn on amplifier), VOX (signal sensing) will sense any kind of signal input into the amplifier RCA turning on the amplifier. The most preferred and reliable method is using the REM setting with a 12V trigger wire connected to the vehicles headunit switch output and will provide instant on and off for the amplifier. VOX and DC will provide turn on capabilities for the amplifier when a 12V trigger wire is not available. These methods will have some delay in turning the amplifier on and off.

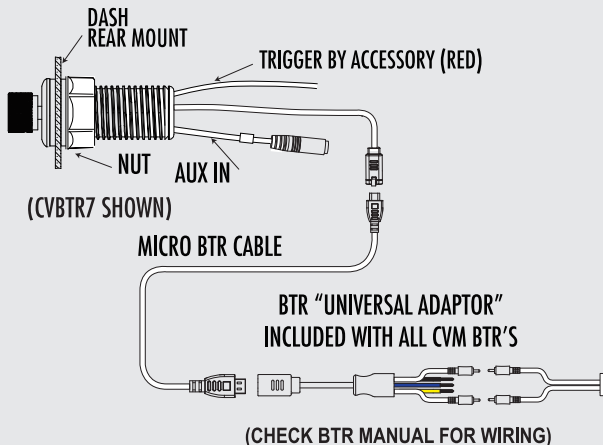


OPTIONAL SOURCE - BLUETOOTH RECEIVER (BTR7/9/10/12) SETUP

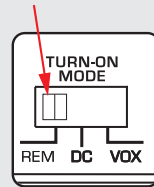
All CVM amplifiers work with these Cerwin Vega Bluetooth receivers: 



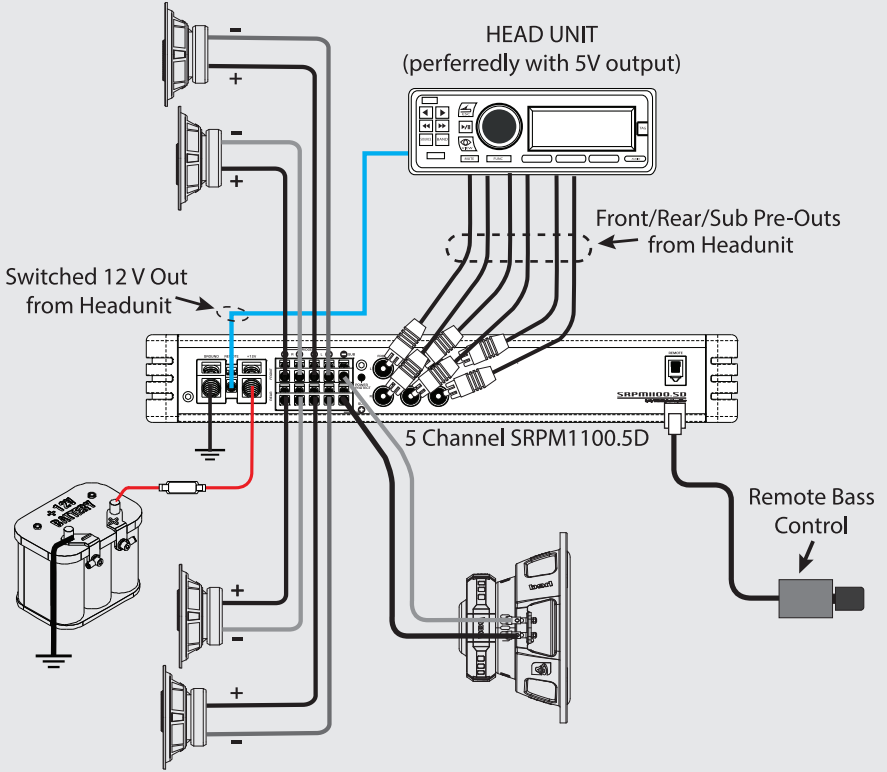
The BTR will pair to your phone (or any selected Bluetooth device) and will allow playback through the amplifier to speakers giving you unlimited install options. The CVM line of BTR's have 7 functions - Play, Pause, Volume up/down, Track up/down, Pairing and Power on/off of Bluetooth audio through this one solution. Once paired, the BTR will auto pair the last person paired to the controller when it was powered down. The unit will remember up to 9 users and have memory without battery for up to 30 days.



NOTE: MAKE SURE TO SET "TURN-ON MODE" TO REM



5 CHANNEL - COMPLETE SYSTEM (SRPM1100.5D)



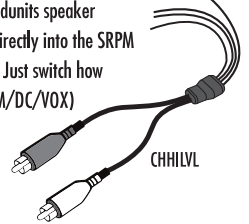
Speaker level Input (Hi Level)

This is for OEM radios with NO RCA outputs, only speaker outputs. For each speaker, or subwoofer, that you plan to drive with an amplifier channel, strip back a small part of your vehicle's color-coded left and right speaker wires, then splice in the wires that lead to your amplifier. (Solder or crimp, and secure the connection for optimum performance.)

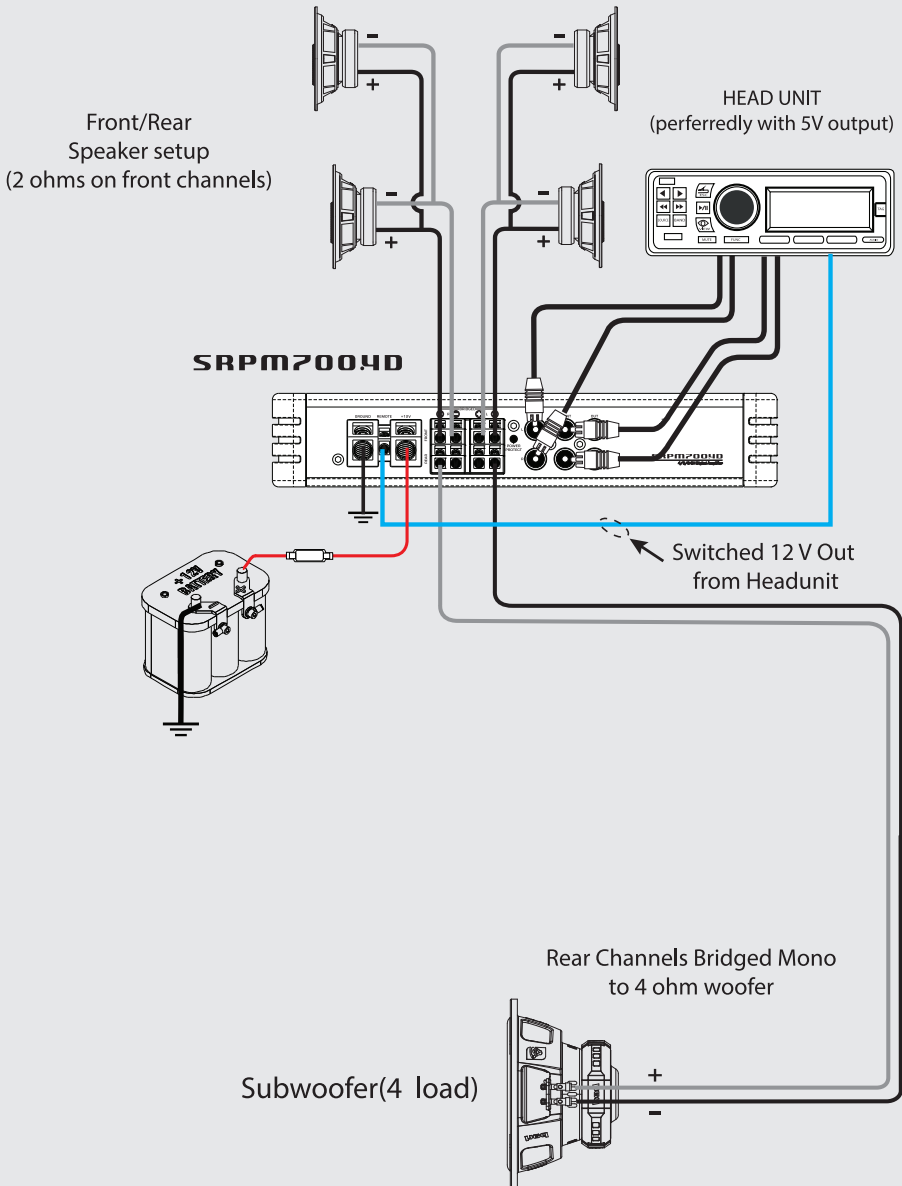
Driving front seat speakers will require you to run wiring under a door jamb or the floor carpeting to reach the speakers. Likewise, if your amp is under a front seat, the front speakers are more accessible than the rear ones. If your amp is in your trunk, it's a relatively short path to rear deck speakers or a subwoofer.

SPEAKER LEVEL INPUT (OPTIONAL):

Since the SRPM series amplifiers can take speaker level in we have an optional part to make it easy - CHHILVL. A simple RCA pair with stripped wires to connect to the OEM amplifier/Headunits speaker outputs then plug directly into the SRPM RCA input harness. Just switch how Turn-On works (REM/DC/VOX)



4 CHANNEL - SRPM700.4D 3 CHANNEL MODE

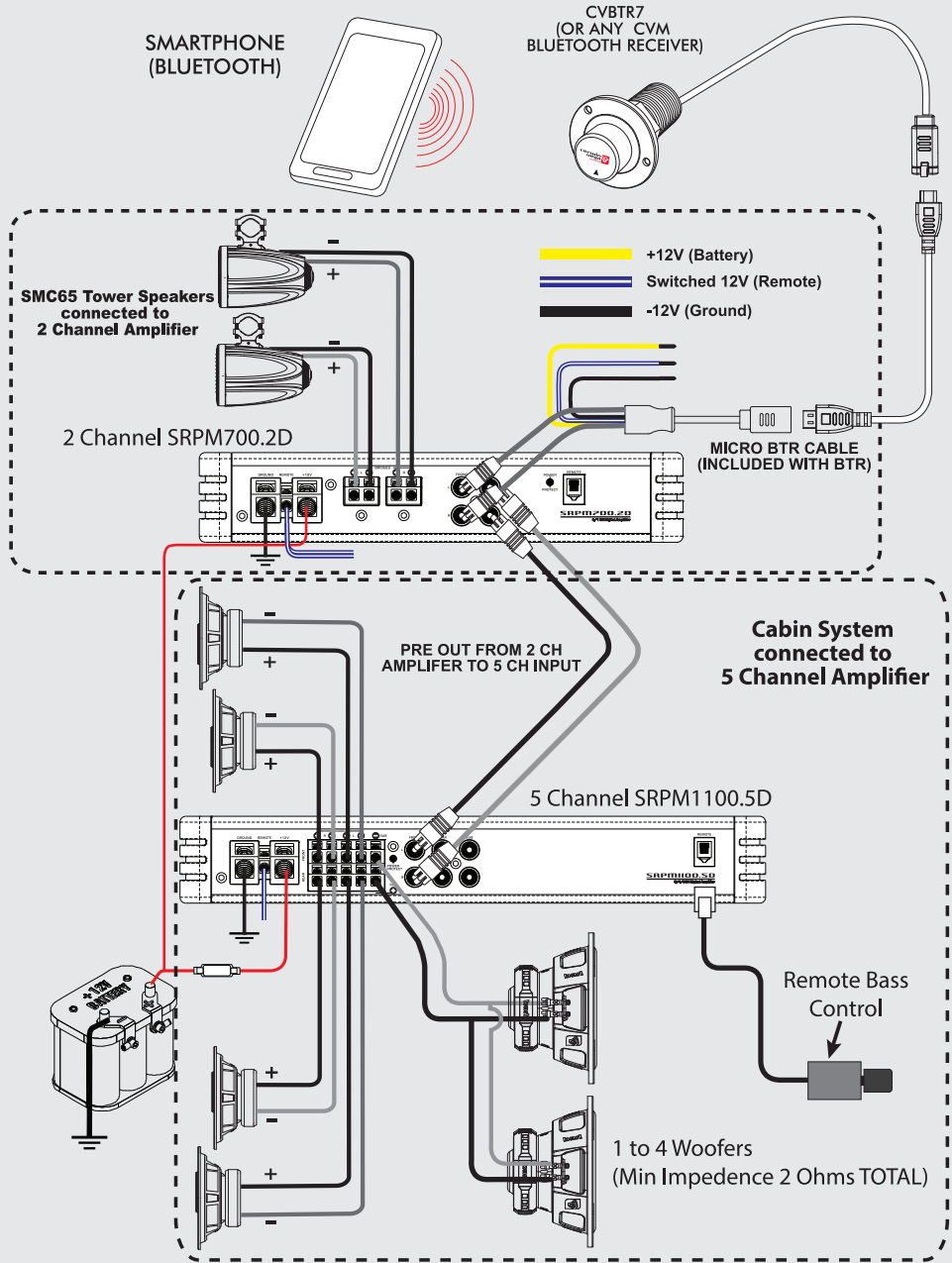


System Configurations

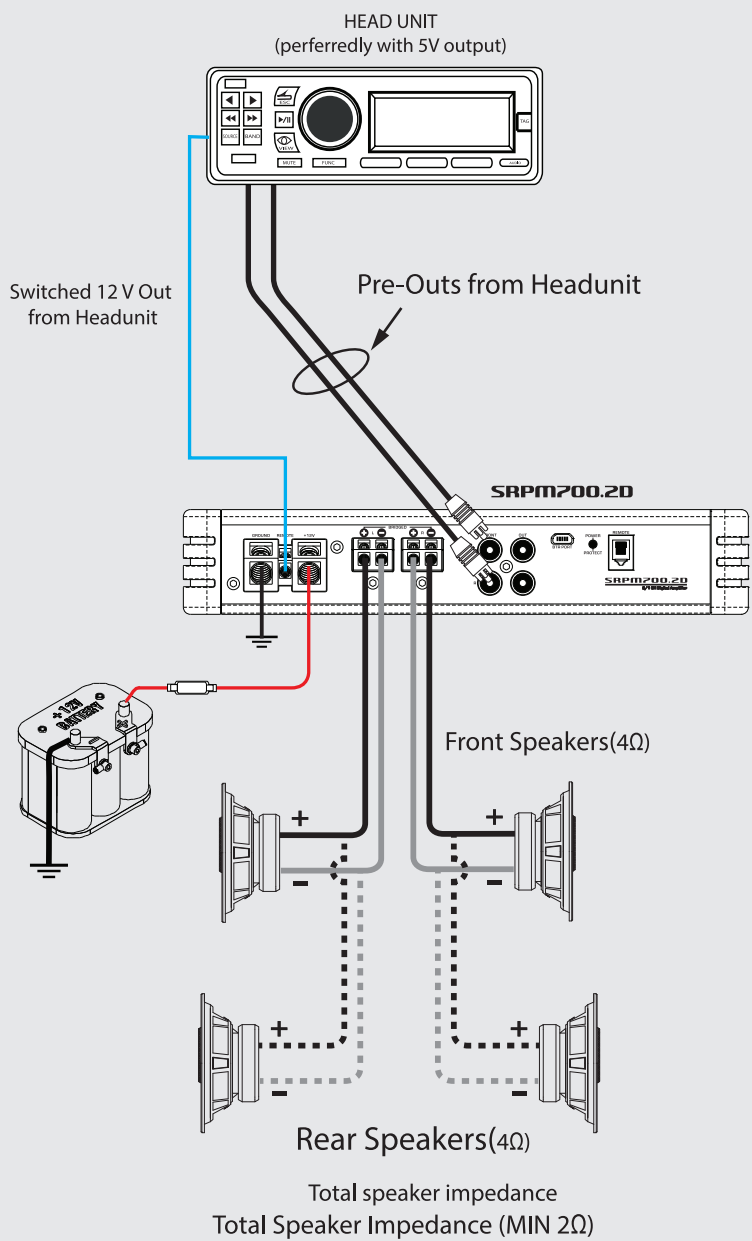
SRPM- 7-CHANNEL/8 SPEAKER MARINE SYSTEM

SRPM700.4D - 2 OHM STEREO FRONT/REAR

SRPM1100.5D - 5 CHANNEL 4 OHM FRONT/REAR/2 OHM MONO SUB



SRPM700.2D STEREO (4 SPEAKERS-2 OHMS)

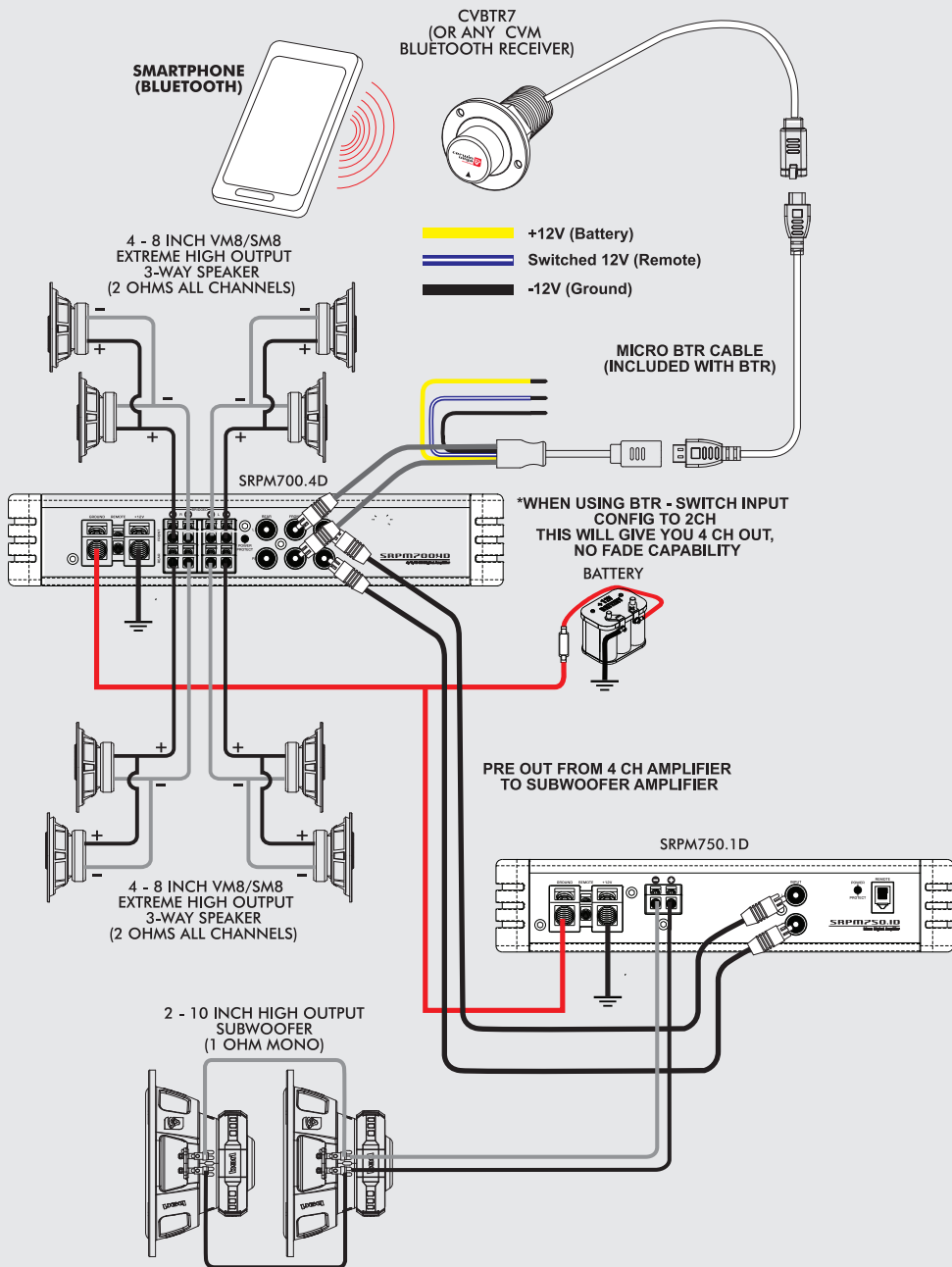


System Configurations

SRPM- 5-Channel Boat System

SRPM700.4D - 2 Ohm Stereo Front and Rear

SRPM750.1D - Mono 1 ohm to Subwoofer



Specifications

PRODUCT SPECIFICATIONS

MODEL:	SRPM700.2D	SRPM700.4D	SRPM1100.5D
Power Rating			
RMS Power (2 Ω)	350 W X 2	150 W X 4	120 W X 4 / 500 W X 1
RMS Power (4 Ω)	200 W X 2	100 W X 4	100 W X 4 / 300 W X 1
Bridged (mono 1 Ω)	N/A	N/A	N/A
Bridged (mono 2 Ω)	N/A	N/A	N/A
Bridged (mono 4 Ω)	700 W X 1 (4 Ω ONLY)	300 W X 2 (4 Ω ONLY)	200 W X 2 / 300 W X 1 (4 Ω)
Type			
Topology	Full-Range Class D	Full-Range Class D	Full-Range Class D
Power Supply			
Power Supply	Full PWM	Full PWM	Full PWM
Power Supply Threshold	10.0VDC - 17.0VDC	10.0VDC - 17.0VDC	10.0VDC - 17.0VDC
Idle Current	(0.7A)	(0.7A)	(0.7A)
Distortion			
THD (1KHz @4 Ω)	0.05%	0.07%	0.03%
S/N Ratio (A weighted @1W)	-77.2dBA	-77.4dBA	-76.7dBA
S/N Ratio (A weighted @ FP)	-98.9dBA	-97.4dBA	-96.7dBA
Input Sensitivity			
Low Input Level	0.2mV - 10.0V	0.2mV - 10.0V	0.2mV - 10.0V
High Input Level	YES	YES	YES
Input Impedance			
Low Input Level	22 K Ω	22 K Ω	22 K Ω
High Input Level			
Output Stage			
Output Impedance	0.047 Ω	0.047 Ω	0.051 Ω
Damping Factor (50Hz @ 4 Ω)	>250	>250	>70
Bandwidth (-3dB)	10Hz-35KHz	10Hz-35KHz	10Hz-35Hz
Crossover (-12dB/Oct)			
Variable High-Pass	40Hz - 400Hz	40Hz - 400Hz	40Hz -400Hz
Variable Low-Pass	40Hz - 400Hz	40Hz - 400Hz	30Hz - 300Hz
Variable Sub-Sonic	N/A	N/A	N/A
Fuse Ratings			
ATC	N/A	N/A	N/A
Dimensions			
Length x Width x Height (inches)	8.66" x 5.28" x 1.75"	8.66" x 5.28" x 1.75"	10.25" x 5.28" x 1.75"
Length x Width x Height (mm)	220 x 134 x 44.5mm	220 x 134 x 44.5mm	260 x 134 x 44.5mm

PRODUCT SPECIFICATIONS

MODEL:	SRPM750.1D	SRPM1000.1D
Power Rating		
RMS Power (1Ω)	750 W X 1 RMS	1000 W X 1 RMS
RMS Power (2 Ω)	500 W X 1 RMS	800 W X 1 RMS
RMS Power (4 Ω)	300 W X 1 RMS	400 W X 1 RMS
Type		
Topology	Full-Range Class D	Full-Range Class D
Power Supply		
Power Supply	Full PWM	Full PWM
Power Supply Threshold	10.0VDC - 17.0VDC	10.0VDC - 17.0VDC
Idle Current	(0.7A)	(0.7A)
Distortion		
THD (1KHz @4Ω)	0.05%	0.07%
S/N Ratio (A weighted @1W)	-77.2dBA	-77.4dBA
S/N Ratio (A weighted @ FP)	-98.9dBA	-97.4dBA
Input Sensitivity		
Low Input Level	0.2mV - 10.0V	0.2mV - 10.0V
High Input Level	YES - UP to 25 W RMS	YES - UP to 25 W RMS
Input Impedance		
Low Input Level	22 KΩ	22 KΩ
High Input Level	22 KΩ	22 KΩ
Output Stage		
Output Impedance	0.047Ω	0.047Ω
Damping Factor (50Hz @ 4Ω)	>250	>250
Bandwidth (-3dB)	10Hz-350Hz	10Hz-350Hz
Crossover (-12dB/Oct)		
Variable High-Pass	N/A	N/A
Variable Low-Pass	30Hz - 300Hz	30Hz - 300Hz
Variable Sub-Sonic	10Hz - 55Hz	10Hz - 55Hz
Fuse Ratings		
ATC	N/A	N/A
Dimensions		
Length x Width x Height (inches)	8.66" x 5.28" x 1.75"	10.25" x 5.28" x 1.75"
Length x Width x Height (mm)	220 x 134 x 44.5mm	260 x 134 x 44.5mm

Warranty

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

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 products 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
3761 S. Hill St.
Los Angeles, CA 90007 USA

Please Contact Customer Service for Further Warranty Information: U.S.A.
Tel: 213-261-4161 / Fax: 213-246-2423



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

P 213-261-4161 • F 213-947-4767



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