



RECREATIONAL/POWERSPORT/MARINE *VEGA & STROKER TOWER SERIES* *SPEAKERS*



UMC65 / UMC8 / SMC65 / SMC8

USER MANUAL

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

VMC65 / VMC8 / SMC65 / SMC8: Supplied Hardware/Parts

1 - Pair Marine Grade Tower Speakers

1 - M6 Allen Hex Tool

1 - M3 Allen Hex Tool

12 ft - 6 Conductor(2)18AWG speaker/(4)22AWG RGB wire (for each speaker enclosure)

Features

| MODEL | TYPE | POWER HANDLING |
|-------|----------------------------|--------------------------------|
| VMC65 | 6.5" 2-Way coaxial speaker | 250W / 60W RMS Power Handling |
| VMC8 | 8" 2-Way coaxial speaker | 300W / 75W RMS Power Handling |
| SMC65 | 6.5" 3-Way coaxial speaker | 400W / 75W RMS Power Handling |
| SMC8 | 8" 3-Way coaxial speaker | 500W / 100W RMS Power Handling |

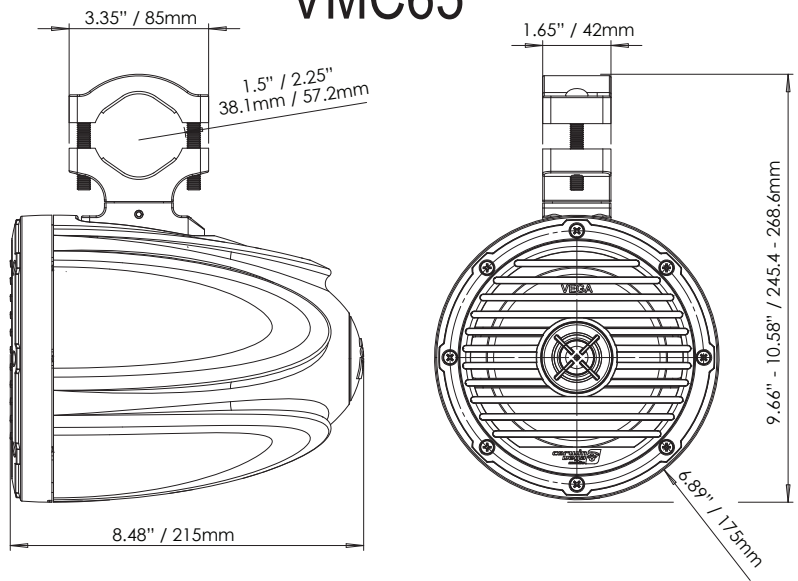
VMC65&VMC8 SPECIAL FEATURES

- RPM Vega Marine High Output 8" Tower Speaker System
- 300W MAX / 75W RMS Power Handling
- Bridge Mount Floating Design - 0.75" / 20mm PEI Dome Tweeter
- Solid Aluminum 360° Rotation Mounting Clamps Included (Medium 1.5" - 2.25")
Optional Small and Large Clamps Available
- UV Compliant Mineral Embedded Fiberglass Composite Enclosure
- IP65 Marine Grade Compliant
- Pre-Wired for Speaker / RGB (6 conductor) - 12 ft. long.
- High Output 2-Way Speaker with Matching Grill
- Integrated RGB LED Speaker Lighting
- Available in 3 colors - Gloss White, Gloss Black, Textured Black
- RPM-RGBLC Multi-Function RGB LED Lighting Remote Control (optional)

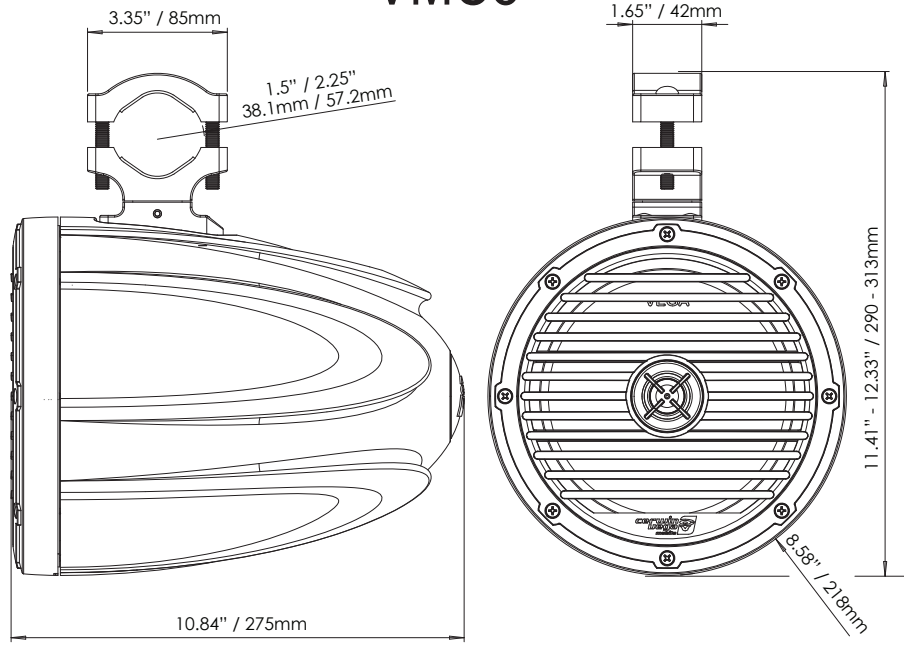
SMC65&SMC8 SPECIAL FEATURES

- RPM STROKER Marine High Output Tower Speaker System
- 500W MAX/100W RMS (SMC8) / 400W MAX / 75W RMS (SMC65)
- Bridge Mount Floating Design - 1.0" / 25mm Titanium Dome Tweeter
- Solid Aluminum 360° Rotation Mounting Clamps Included (Medium 1.5" - 2.25")
Optional Small and Large Clamps Available
- UV Compliant Mineral Embedded Fiberglass Composite Enclosure
- Factory-tuned Passive Radiator Design For Enhanced Bass Response
- IP65 Marine Grade Compliant
- Thermal Molded, UV-Coated, Patent Pending Waterproof Composite Paper Cone
- Ultra Small Neodymium Motor Structure With Max Xmax Suspension Design
- Radial Zip Ring (RZR) Cone For Expanded High Frequency Reproduction
- Pre-Wired for Speaker / RGB (6 conductor) - 12 ft. long.
- Integrated RGB LED Speaker Lighting
- Available in 4 colors - Gloss White, Gloss Black, Carbon-Fiber White, Carbon-Fiber Black
- RPM-RGBLC Multi-Function RGB LED Lighting Remote Control (Optional)

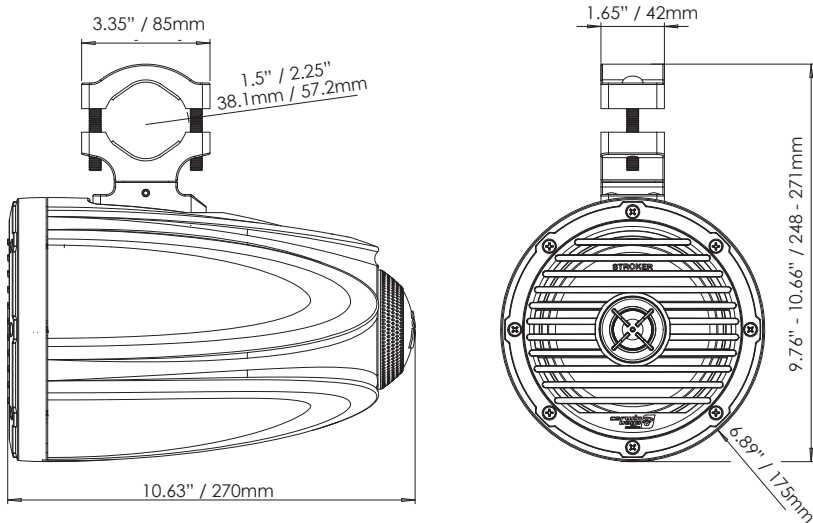
VMC65



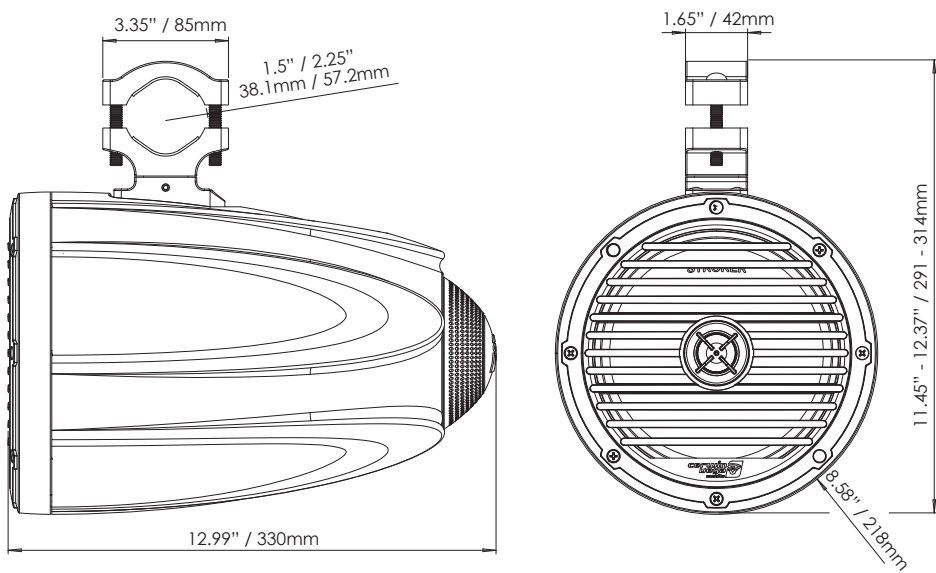
VMC8



SMC65



SMC8



Installation Considerations:

1. Be sure to carefully read and understand the instructions before attempting to install these speakers.
2. For safety, disconnect the negative battery terminal from the battery prior to beginning the installation.
3. For easier assembly, we suggest you have all your tools handy- Drill, Allen set, Crimps, Soldering iron, wire strippers, heat-shrink, etc
4. Use high quality "Water Proof" connectors for a reliable installation and to minimize signal or power loss.
5. Think before you drill! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle. If installation in a boat, take care not to cut or drill through the main hull.
6. Never run wires near fuel lines or power (if possible) . Running the wires inside the hull area provides the best protection.
7. Avoid running wires over or through sharp edges. Use rubber or plastic Grommets to protect any wires routed through metal, especially the tower.
8. Make sure that the mounting clamps are tight before leaving the dock
9. Decide early what type of LED lighting you want (if any) and wire accordingly (NOTE: if you want "Dancing lights" look to the RPMRBGLC - RF remote controlled LED light box. The easy way to have lighting ...YOUR way!)

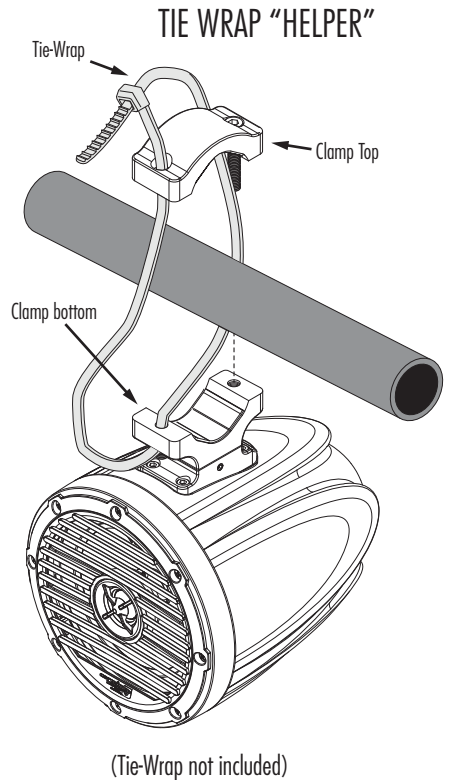
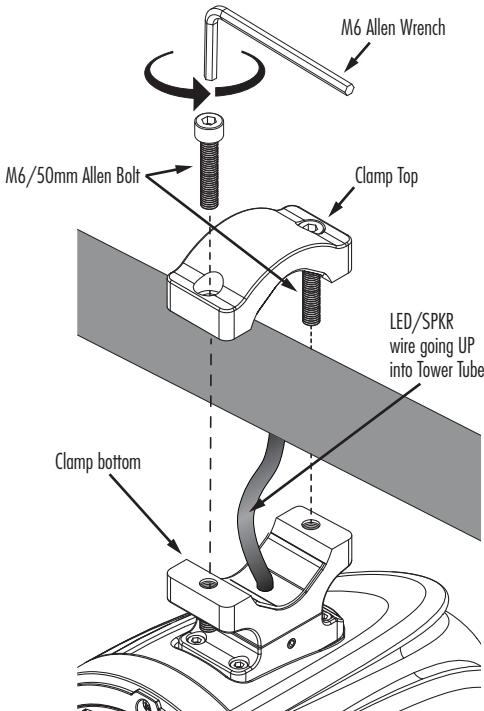
MOUNTING

Step 1: Remove tower speakers from the packaging and ALL hardware

Step 2: Find a GOOD location that allows for easy wiring of the speakers (and LED lights) - PLUS does NOT impair you movement around the location.

Step 3: Using the supplied M6 Allen wrench remove the 4 - M6/50mm bolts that hold the clamp tops onto the clamp bottoms of the tower speakers.

TIGHTENING CLAMPS DOWN



Step 4: These speakers are not too heavy but we recommend that you have a friend help you by holding the speaker/enclosure up while you insert and screw down the large M8 bolts. Or alternatively use a large tie-wrap to "hang" the tower speaker while you insert and screw down the large 5mm bolts.

Step 5: Tighten the M8 clamp bolts down, but DO NOT over tighten as this will -trip the clamps making them useless.

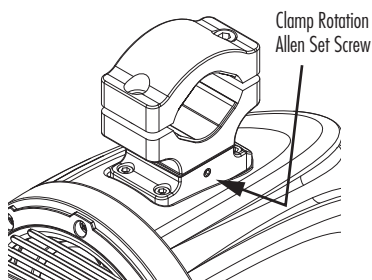
Mounting

Step 6: If need be,.. rotate the speakers for best dispersion. This is easily done by locating the 3mm Allen set screw on the side of the mounting clamp. Once located release it using the included M3 Allen wrench so that you may rotate the speaker/enclosure to the desired angle. Once there...lock the Allen down.

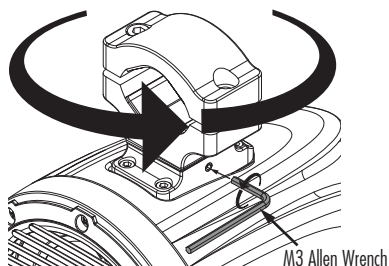
NOTE:

Blue Loctite is recommended for ALL Allen head bolts/hardware .

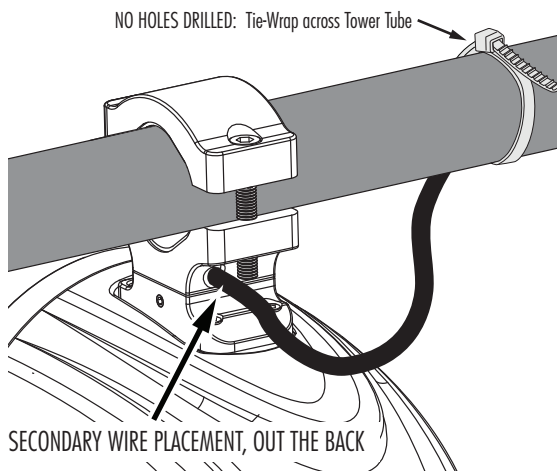
Step 7 : During the mounting process you should have located the spot to drill your tower bar for the 6 conductor wire (Speaker and RGB lighting wiring) insertion. Or .. NOT (See Tie-wrap solution below)



360 Degree Clamp Rotation



Step 8: Drill a 3/8" hole in the pipe and de-burr the hole so there is no sharp edges. It is also recommended to install a rubber grommet in this hole to protect the wire.

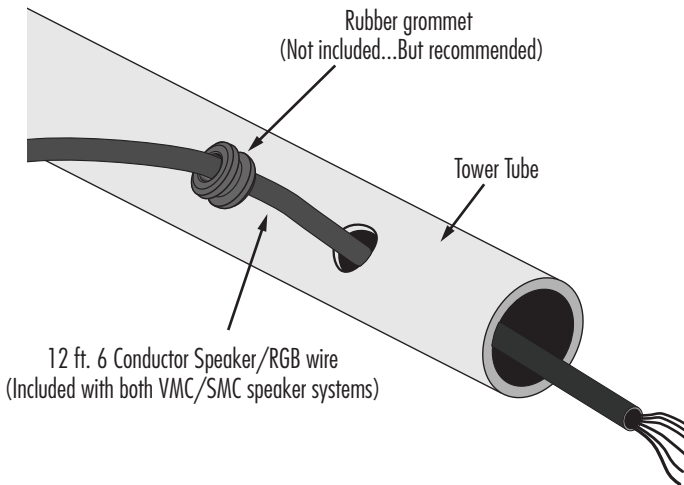


Step 9: Slide the wire jacket down thru the hole with grommet and wire.

Snake the wire down to the bottom of the tower tube in a location that the wires can be attached to the audio (and lighting) system. Solder or butt connect the speaker wire coming from the tower to the speaker wire to the system. Then heat-shrink it for added protection from water/ moisture.

*IF YOU DONT WANT TO DRILL HOLES YOU CAN ALWAYS TIE-WRAP THE RGB/SPKR CABLE TO THE TOWER TUBES

TOWER TUBE WIRING DETAIL

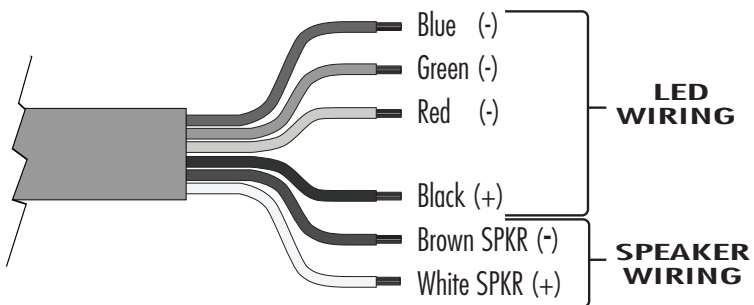


LED/SPEAKER WIRING CONFIGURATION

LED connection have two options to choose from:

Option 1: Connect RGB wire to RGB controller, Remote Control Available

Option 2: Connect DC 12V (from Battery), and Pick one color from seven Color (below).



BASIC COLOR COMBINATIONS BELOW

- | | |
|---|---|
| 1) Green Color: Green Wire (Negative)+Black Wire(Positive) | 5) Yellow Color: Red+Green Wire(Negative)+Black Wire(Positive) |
| 2) Red Color: Red Wire(Negative)+Black Wire(Positive) | 6) Cyan Color: Blue+Green Wire(Negative)+Black Wire(Positive) |
| 3) Blue Color: Blue Wire (Negative)+Black Wire(Positive) | 7) While Color: Blue+Green+Red Wire(Negative)+Black Wire(Positive) |
| 4) Purple Color: Red+Blue Wire (Negative)+Black Wire(Positive) | |

VEGA AND STROKER SERIES

| Model | VMC65 | VMC8 | SMC65 | SMC8 |
|--------------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|
| Nominal Diameter - inch (mm) | 6.5 (165) | 8 (203) | 6.5 (165) | 8 (203) |
| Description | 2-Way | 2-Way | 3-Way | 3-Way |
| Nominal Impedance (Ohms) | 4Ω | 4Ω | 4Ω | 4Ω |
| Frequency Response (Hz) | 40-20kHz | 35-20kHz | 40-23kHz | 35-23kHz |
| Voice Coil Diameter - inch (mm) | 1.0 (25.4) | 1.2 (30.55) | 1.0 (25.4) | 1.2 (30.55) |
| Power Handling - Watts (RMS/Peak) | 60/250 | 75/300 | 75/400 | 100/500 |
| Fs - Free Air Resonance (Hz) | 65 | 55 | 80 | 60 |
| Qts | 0.802 | 0.682 | 0.607 | 0.849 |
| Vas - cu. ft. (Liter) | 0.3 (8.5) | 0.724 (20.5) | 0.159 (4.5) | 0.689 (19.5) |
| Sensitivity (1W/1M) | 93dB | 94dB | 94dB | 95dB |
| Sensitivity (2.83V/1M) | 96dB | 97dB | 97dB | 98dB |
| Mounting Height - inch (mm) | 9.66 - 10.58 (245.4-268.6) | 11.41 - 12.33 (290-313) | 9.66 - 10.58 (245.4-268.6) | 11.45 - 12.37 (291-314) |
| Mounting Diameter - inch (mm) | 6.89 (175) | 8.58 (218) | 6.89 (175) | 8.58 (218) |
| Mounting Length - inch (mm) | 8.48 (215) | 10.84 (275) | 10.63 (270) | 12.99 (330) |
| Clamps/Wire | YES | YES | YES | YES |

We reserve the right to change products and specifications at any time without notice.
Images may or may not include optional equipment.

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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.cerwinvegamobile.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



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