

**KICKER®**

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**KMT** | *Towers*

**KMT67 Long-Range Tower System**



## **KMT67 Long-Range Tower System Owner's Manual**

**MODEL: KMT67**

The KICKER KMT67 Long-Range Tower System is specifically designed for mounting in the open-air, using an exponential-horn-loaded 20mm titanium tweeter and dual 6.75 inch (165mm) woofers to produce clean and crisp sound over a long distance. The injection-molded ABS enclosure and speakers are UV treated, splash resistant, and weather resilient. The woofers utilize a sealed cone and motor assembly, and an open-cell foam protects the tweeter. Mount the KMT67 in your boat or get creative with a pair of them in the garage, on your 4x4 or side-by-side roll bars, or in any other bar-mounted application.

<b>Model:</b>	<b>KMT67</b>
Woofer [in, mm]	6-3/4, 165
Tweeter [in, mm]	3/4, 20
Dome Material	Titanium
Exponential Horn [in, mm]	3-1/4x6, 83x151
Rated Impedance [ $\Omega$ ]	4
Peak Power Handling [Watts]	300
Continuous Power Handling [Watts RMS]	150
Sensitivity [1W, 1m]	93dB
Frequency Response [Hz]	50–21k
Height [in, mm]	9, 229
Width [in, mm]	19-1/16, 484
Depth [in, mm]	11, 280

## **INSTALLATION**

**Mounting:** The sound produced by the KMT67 long-range tower system is directional. The enclosure may be mounted vertically or horizontally; the billet-aluminum mounting brackets can accommodate any angle for the optimum firing direction. Find the best location for stereophonic sound and, if necessary, add more KMT67 systems to the installation to help distribute and balance the sound. After determining the best mounting locations, carefully check the areas where the mounting hardware and speaker cable will be placed. The KMT67 long-range tower system's billet-aluminum mounting brackets use seven sets of ABS plastic inserts to fit most wakeboarding tower and roll bar diameters.

The mounting hardware design provides versatility in angular positioning to direct the speaker's output to the ideal listening position; however, it is not recommended to reposition the speakers excessively after they are mounted. Custom mounting locations will require more preparation, work, and possibly customized hardware. If the mounting location requires you to cut metal, avoid structural metal and braces. In either case, make sure the speaker will not interfere with the vehicle's mechanisms or the party you are throwing out on your pontoon boat.

stainless steel socket-head cap screws (1/4" Allen wrench)

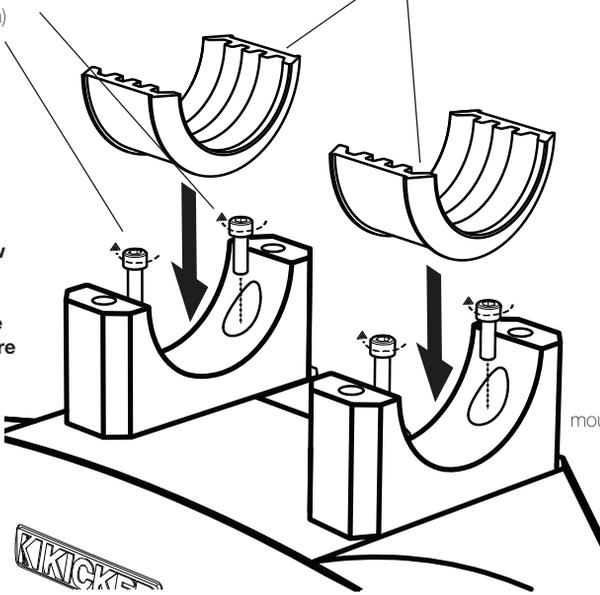
plastic mounting inserts

supported diameters:

1.625" [42.3mm]  
1.75" [44.4mm]  
1.875" [47.6mm]  
2" [50.8mm]  
2.25" [57.2mm]  
2.375" [60.3mm]  
2.5" [63.5mm]

**1**

place and screw the mounting bracket bottom to the top of the KMT67 enclosure



**2**

place mounting inserts

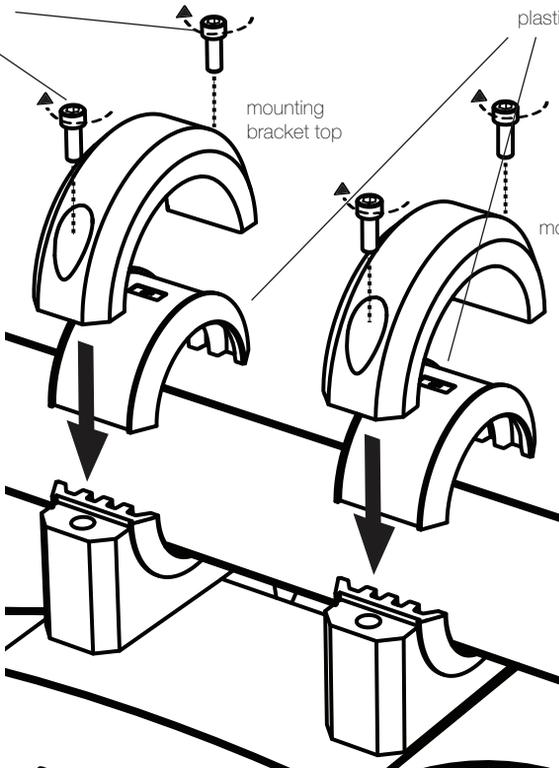
mounting bracket bottom

stainless steel socket-head cap screws (1/4" Allen wrench)

plastic mounting inserts

**4**

place and screw the mounting bracket top to the mounting bracket bottom

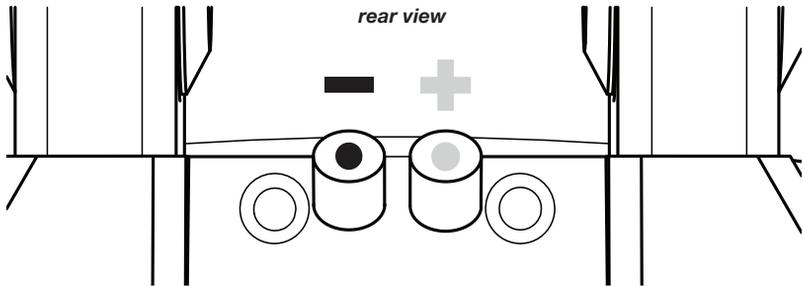


**3**

place remaining mounting inserts

**Wiring:** If pre-existing speaker wiring is not available in your desired mounting location, it may be necessary to run the wire through the wakeboarding tower or roll bar on your vehicle. The speaker wire should be kept away from sharp edges to avoid the possibility of getting pinched by moving mechanisms and be out of the way of all passengers and party-goers. If you must drill a hole to run the speaker wire through any location, be careful not to drill into other wiring or existing mechanisms. Any time a wire is run through a hole, it is necessary to insert a rubber or plastic grommet to protect the wire from damage. Check your local building codes for the necessary procedures and precautions for running low voltage wiring in your home or indoor skatepark.

Once the speaker wiring job is finished, plug the speaker wires securely into the positive (red dot on the speaker connector) and negative (black dot on the speaker connector) five-way speaker terminals on the top-rear area of the KMT67 long-range tower system enclosure. Maintain proper polarity between all KMT67 speakers. Most speaker wires are marked with a solid or dashed line on one of the two speaker wires. Use this solid or dashed line as the positive polarity throughout the entire speaker system. The other end of these wires connect to your source unit or amplifier in a similar manner, observing proper polarity.



Modern high performance speakers have a lower working Impedance than what used to be available. The KICKER KMT67 speakers are rated at four ohms and work with any source unit or amplifier designed to operate at a four ohm load. If you want to use two KMT67 speakers on each channel of your source unit or amplifier wire the speakers in series. This will improve the sound quality, lower the total harmonic distortion and lessen the thermal load at the source unit or amplifier, as it will be an eight ohm load. This may prevent an amplifier from shutting down due to over-current protection circuitry.

