



## **OS109-8 - 4,800 Watt Long Range, Roof Mount, Extended UPS**

### **OS 109-8**

System includes the following items:

- Two (2) MA 2400 amplifiers with UHF radio
- Eight (8) OS 400 (600 Watt) outdoor horn speakers
- Aluminum equipment cabinet with strap mounting brackets
- Non-penetrating roof mount
- Inverter/Charger with 200Ah backup battery UPS
- Antenna, speaker wire, connectors & miscellaneous parts

### **MA-2400**

- UHF receiver
- 2400 Watt amplifier
- Double cooling fan
- 110/220 Volt switchable
- Circuit protection indicator
- A/B speaker selection switches
- Unbalanced RCA inputs
- Channel A & B speaker outputs
- Dimensions: 19"W x 4"H x 19"D
- Rack mountable

### **Speaker Features:**

- 90 degree sound dispersion
- 250 Hz low end cut off
- An adjustable mounting bracket
- 20" Diameter, 19" Depth
- 4 - 150 Watts speaker drivers
- Aluminum housing
- 8 Ohm Impedance
- 150 Hz to 7,000 Hz frequency response



Our 600 Watt long range outdoor speakers feature a 20" weatherproof projection horn and 4 - 150 Watt RMS universal drivers. It offers frequency response of 150 to 7,000 Hz at 65 ohm impedance and delivers up to 130 dB at 10 feet.

### **Inverter/Charger**

#### **Specifications**

- Continuous output power: 2200 Watt
- Surge power: 4000 Watt
- Output voltage: Dual 110/120V AC RMS +/-5%
- Frequency: 60Hz
- Wave form: Modified sine wave
- Efficiency: 85%
- DC input: 12Volt

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## Decibel Rating

Source of Sound	Intensity Level
Threshold of Hearing (TOH)	0dB
Whisper	20dB
Normal Conversation	60dB
Busy Street Traffic	70dB
Vacuum Cleaner	80dB
<b>BRG 1709 Wireless Moving Message Display &amp; Speaker</b>	<b>90dB</b>
<b>BRG OS1808 Speaker and Strobe</b>	<b>90dB</b>
Large Orchestra	98dB
<b>BRG Wireless Indoor Speaker at Maximum Level</b>	<b>99dB</b>
Walkman at Maximum Level	100dB
<b>BRG Wired Indoor Speaker at Maximum Level</b>	<b>108dB</b>
Front Rows of a Rock Concert	110dB
<b>BRG Wireless OS Outdoor Speaker at Maximum Level</b>	<b>126dB</b>
Threshold of Pain	130dB
<b>BRG Wireless OS400 Outdoor Speaker at Maximum Level</b>	<b>130dB</b>
Military Jet Takeoff	140 dB
Instant Perforation of the Eardrum	160 dB



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