The Wireless Outside Broadcast System (OBS) is made up of several components:

- A receiver/audio amplifier
- 1-8 long range outdoor speakers
- UPS backup
- Equipment cabinet
- Pole or roof mounting hardware

The OBS covers large outdoor areas of a campus with a clear audio signal. This system is activated through the BRG Wireless Software and an Emergency Notification Master Transmitter. The system can be pole mounted or placed on top of buildings.

Our OBS speakers can have supervision added as an option.

The image above is an example of mounting the OBS speakers on an existing structure. The image below illustrates the use of pole mounting.

Notify an entire campus in seconds
400 Watt Systems

OS 101-4
System includes with the following items:
• MA 1200 amplifier with UHF radio
• Four OS (100 Watt) outdoor horn speakers
• 2000 VA UPS
• Antenna, speaker wire, connectors & miscellaneous parts

OS 1015-4
System includes with the following items:
• MA-1200 amplifier with UHF radio
• Four OS (100 Watt) outdoor horn speakers
• 2000 VA UPS
• Antenna, speaker wire, connectors & miscellaneous parts
• Non-penetrating roof mount

Our long range outdoor speakers feature a 16” weatherproof projection horn and a 100 Watt RMS universal driver. It offers frequency response of 180 to 6,000 Hz at 65 ohm impedance and delivers up to 126 dB at 10 feet.

2,400 Watt Systems

OS 102-4
System comes with the following items:
• MA 2400 amplifier with UHF radio
• Four OS 400 (600 Watt) outdoor horn speakers
• 2000 VA UPS
• Antenna, speaker wire, connectors & miscellaneous parts

OS 1025-4
System comes with the following items:
• MA 2400 amplifier with UHF radio
• Four OS 400 (600 Watt) outdoor horn speakers
• 2000 VA UPS
• Antenna, speaker wire, connectors & miscellaneous parts
• Non-penetrating roof mount

Our 400 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 130 dB at 10 feet.
OS 104-4
System includes the following items:
- MA 2400 amplifier with UHF radio
- Four OS 400 (600 Watt) outdoor horn speakers
- Aluminum equipment cabinet with strap mounting brackets
- Speaker pole mounts with strap mounting brackets
- Inverter/charger with 100Ah backup battery
- UPS
- Antenna, speaker wire, connectors & miscellaneous parts

OS 106-4
System includes the following items:
- MA 2400 amplifier with UHF radio
- Four OS 400 (600 Watt) outdoor horn speakers
- Aluminum equipment cabinet with strap mounting brackets
- Speaker pole mounts with strap mounting brackets
- Inverter/charger with 100Ah backup battery
- UPS
- 55 foot steel pole
- Antenna, speaker wire, connectors & miscellaneous parts

OS 108-4
System includes the following items:
- MA 2400 amplifier with UHF radio
- Four OS 400 (600 Watt) outdoor horn speakers
- Aluminum equipment cabinet with strap mounting brackets
- Non-penetrating roof mount
- Inverter/Charger with 100Ah backup battery
- UPS
- Antenna, speaker wire, connectors & miscellaneous parts
4,800 Watt Systems

OS 105-8
System includes the following items:
- Two MA 2400 amplifier with UHF radio
- Eight OS 400 (600 Watt) outdoor horn speakers
- Aluminum equipment cabinet with strap mounting brackets
- Speaker pole mounts with strap mounting brackets
- Inverter/charger with 200Ah backup battery UPS
- Antenna, speaker wire, connectors & miscellaneous parts

OS 107-8
System includes the following items:
- Two (2) MA 2400 amplifier with UHF radio
- Eight (8) OS 400 (600 Watt) outdoor horn speakers
- Aluminum equipment cabinet with strap mounting brackets
- Speaker Pole Mounts with with strap mounting brackets
- Inverter/Charger with 200Ah backup Battery UPS
- 55 foot steel pole
- Antenna, speaker wire, connectors & miscellaneous parts

OS 109-8
System includes the following items:
- Two (2) MA 2400 amplifier 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
## Decibel Rating

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