Optional microphone for WAVES High Power Speaker Arrays (HPSA)

Description
The HPSA-MIC is an optional microphone panel for the HPSA-7100-R Series and the HPSA-8100-R Series for set-up and testing purposes. It is mounted directly in the HPSA Electronics Cabinet. The following components are included in the HPSA-MIC:

- Monitor speaker with switch
- Local microphone
- Headphone jack
- HPSA amplifier mute switch for external speaker

Monitor speaker switch
The Monitor Speaker is driven by a small 1.45 Watt audio amplifier on the PM1 board located in the Electronics Cabinet of the HPSA. The Monitor Speaker is designed to pass the audio that is produced by the HPSA. This feature is useful when setting up or testing the HPSA when the operator does not want full-level audio. The level of the Monitor Speaker audio can be adjusted via the “Monitor” volume control on the HPSA.

Local microphone
The Local Microphone allows service personnel to produce live voice messages at the HPSA for set-up and testing purposes. The local microphone volume can be adjusted with the “MICLVL” volume control knob at the HPSA.

Headphone jack
A standard headphone can be connected to the Mono ¼” Phono Jack of the HPSA-MIC panel. The volume on the headphone can be adjusted with the “Monitor” volume control via the serial port of the HPSA.

HPSA amplifier mute switch (external speaker)
This two-way momentary toggle switch can be used to temporarily mute the HPSA amplifier outputs.

Applications
Provides dedicated local microphone for set-up and testing purposes.
Features

• Hand held push-to-talk microphone
• Key required to enable remote microphone use
• Voice frequency response: 250 Hz - 6 kHz
• MIC impedance: 600 Ω ± 30% (1 kHz)

Priority levels

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<tr>
<th>HPSA-7100-R</th>
<th>HPSA-8100-R</th>
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<tr>
<td>1. NAC/CC (highest)</td>
<td>1. Local Siren (highest)</td>
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<td>2. Alarms (local)</td>
<td>2. Local Messages (stored)</td>
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<td>3. MIC (lowest)</td>
<td>3. Remote Audio Activation via Command and Control Port</td>
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<td>4. MIC (lowest)</td>
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Specifications:

• Dimensions: 7.5” (19.05 cm) H x 7.25” (18.46 cm) W x 6.44” (16.35 cm) D
• Frequency Response 250 Hz - 6 kHz
• MIC Impedance 600Ω ± 30% (kHz)
• Operating Temperature -40°F to 140°F (-40°C to +60°C)

We encourage and support nicet certification 18 Month warranty