

## CARE AND MAINTENANCE

Your Mackie loudspeakers will provide many years of reliable service if you follow these guidelines:



Avoid exposing the loudspeakers to moisture. If they are set up outdoors, be sure they are under cover if you expect rain.

- Avoid exposure to extreme cold (below freezing temperatures). If you must operate the loudspeakers in a cold environment, warm up the voice coils slowly by sending a low-level signal through them for about 15 minutes prior to high-power operation.
- Use a slightly damp cloth with a mild soap solution to clean the cabinets. Only do this when the power is turned off. Avoid getting moisture into any of the openings of the cabinet, particularly where the drivers are located.

## S225 SPECIFICATIONS

### Acoustic Performance

<i>Frequency Range</i> (–10 dB)	46 Hz–20 kHz
<i>Frequency Response</i> (–3 dB)	70 Hz–18 kHz
<i>Horizontal Coverage Angle</i> (–6 dB)	90° averaged 2 kHz to 10 kHz
<i>Vertical Coverage Angle</i> (–6 dB)	40° averaged 2 kHz to 10 kHz
<i>Directivity Factor; DI (Q)</i>	11.9 (15.6) averaged 2k Hz to 10 kHz
<i>Sensitivity (1W/1m)</i>	102 dB SPL
<i>Max SPL long-term</i>	132 dB @ 1m
<i>Max SPL peak</i>	135 dB @ 1m
<i>Crossover Point</i>	1300 Hz

### Input/Output

<i>Input/Output Type</i>	Neutrik Speakon™ and female 1/4-in. TS jack
<i>Input Impedance</i>	4 ohms
<i>Recommended Amplifier Power</i>	700 watts rms continuous 2800 watts peak

### High-Frequency Section

<i>Voice Coil Diameter</i>	1.75 in/44 mm
<i>Horn Exit Diameter</i>	1.0 in/25 mm
<i>Phase Plug</i>	Optimized geometry
<i>Diaphragm Material</i>	Titanium
<i>Magnet Material</i>	Ferrite

### Low-Frequency Section

<i>Number of Drivers</i>	2
<i>Woofer Diameter</i>	15.0 in/381 mm
<i>Voice Coil Diameter</i>	2.5 in/63 mm
<i>Diaphragm Material</i>	Epoxy-reinforced cellulose
<i>Magnet Material</i>	Ferrite

### Safety Features

<i>Input Protection</i>	Dynamic protection for compression driver
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### Construction Features

<i>Basic Design</i>	Trapezoidal, 10° side angles
<i>Material</i>	18 mm multi-layered plywood, resin end caps
<i>Finish</i>	Wear-resistant textured black PVC vinyl
<i>Handles</i>	One on each side, one top, one bottom
<i>Grille</i>	Perforated metal with weather-resistant coating

### Physical Properties

<i>Height</i>	50.0 in/127.0 cm
<i>Front Width</i>	19.1 in/48.5 cm
<i>Rear Width</i>	13.9 in/35.3 cm
<i>Depth</i>	18.1 in/46.0 cm
<i>Weight</i>	99.5 lb/45.1 kg
<i>Mounting Methods</i>	<b>Floor mount only.</b> The S225 should never be pole-mounted. The S225 cabinet has no rigging points and is not suitable for flying. <i>Never attempt to suspend the cabinet by its handles.</i>

### Disclaimer

Since we are always striving to make our products better by incorporating new and improved materials, components, and manufacturing methods, we reserve the right to change these specifications at any time without notice.

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### Need Help?

**You can reach a technical support representative  
Monday through Friday  
from 7 AM to 5 PM PST at:**

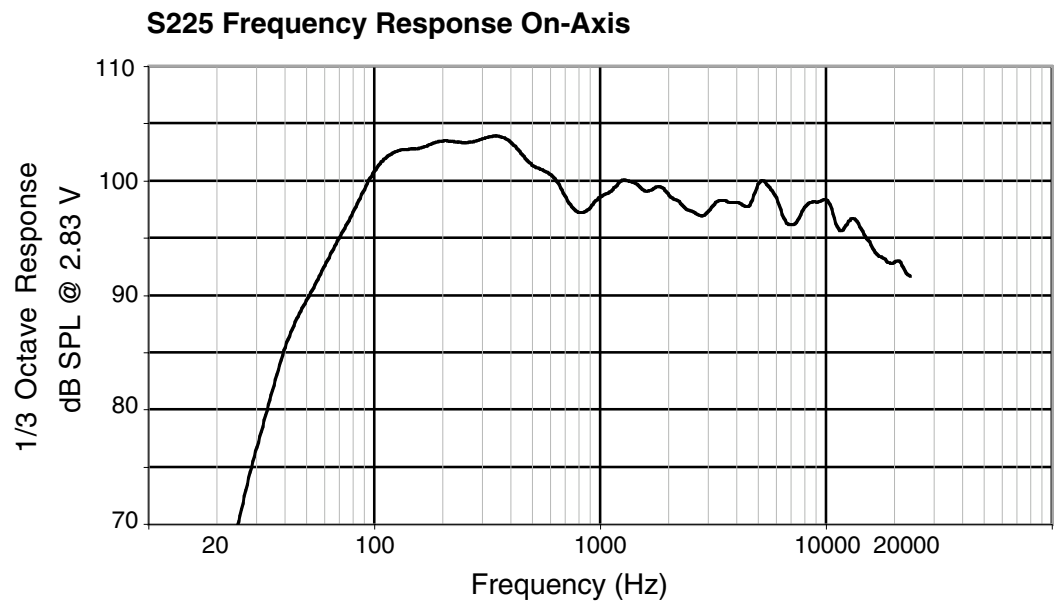
**1-800-898-3211**

**After hours, visit [www.mackie.com](http://www.mackie.com) and click Support,  
or email us at: [techmail@mackie.com](mailto:techmail@mackie.com)**

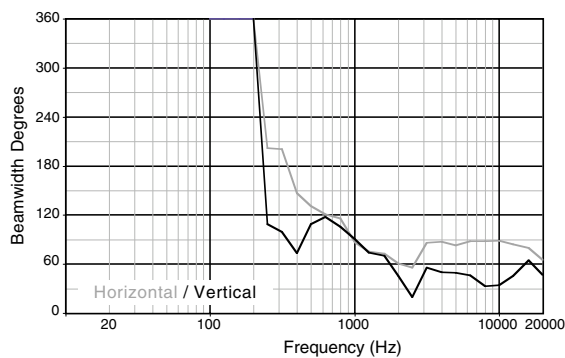


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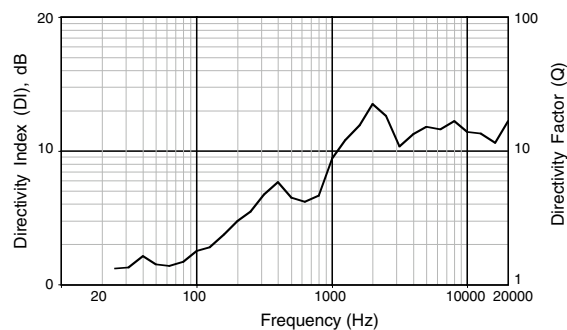
S225 Frequency Response On-Axis



S225 Beamwidth vs. Frequency



S225 Directivity vs. Frequency



S225 Dimensions

