



NEW! SA1521 • PRELIMINARY INFO



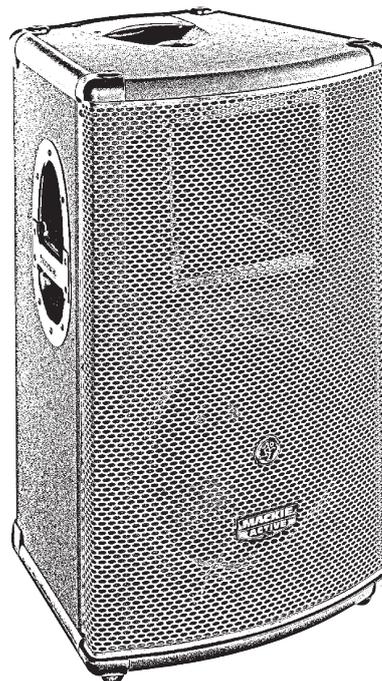
*The SRM450 re-defined live sound.
So much so that a lot of folks have asked for
MORE OF EVERYTHING.*

*The new SA1521 truly fullfills the demand for
**MORE OF EVERYTHING. MORE power (500 watts).
MORE transducer (RCF Precision 15-inch LF transducer).
MORE SPLS (133dB peak!).***

*The SA1521 is a truly collaborative effort between Mackie,
EAW and RCF Precision. It's a honest-to-gosh technology
breakthrough — an active, full-bandwidth solution with
seamlessly integrated power and control, premium
transducers and that wonderfully wide dispersion that lets
everyone in the audience hear the same thing.*

*Put the SA1521 up against the most popular 15" two-way
systems in the world and what happens? You suddenly
discover that the competition is obsolete — problematic in
design, poor in definition and basically nothing more than a
15" and a 1" playing separate tunes.*

*It doesn't take long to realize that the new SA1521 truly
RE-DEFINES 2-way 15-inch speaker systems.*



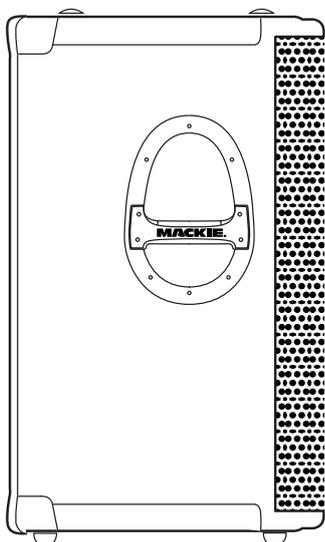
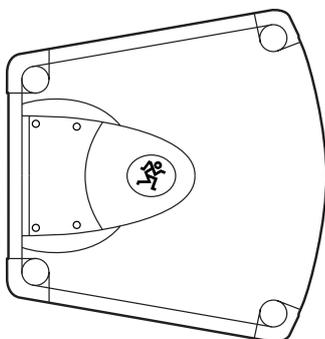
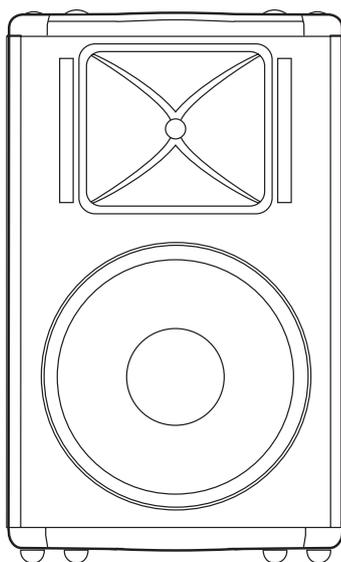
SA1521 Active 15-inch 2-Way SR Speaker System

- 500 watts RMS of integrated power (400W LF, 100W HF)
- High Efficiency / Extreme Output system design with 133dB of peak SPL output
- Electronic equalization, time correction & phase alignment
- Complete electronic and component protection circuitry
- Wide-dispersion, ultra low-distortion high frequency horn
- State-of-the-art RCF Precision titanium compression driver with 3-slot, low distortion optimized geometry phase plug
- RCF Precision high-efficiency 15-inch LF transducer with heat-resistant Inside/Outside coil
- Professional trap-designed enclosure
- Weight-balanced with two comfortable side handles for easy carrying and set up
- One top and one bottom handle for easy repositioning of speaker and built in pole mount cup on bottom

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Specifications are preliminary and are subject to change without notice.

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SA1521 Preliminary Technical Specifications

Acoustic Performance

-3dB response	57Hz - 18kHz
-10dB response	49Hz - 20kHz
Max SPL long-term	130dB
Max SPL Peak	133dB
Input / Output	
Input	Bal./unbal. Female XLR
Loop-through	Bal./unbal. Male XLR
Electronics	
Total Amplifier Power	500 Watts*
High Frequency	100 Watts*
Type	Class AB
Low Frequency	400 Watts*
Type	Class G Hybrid
Crossover Point	1300 Hz

Protection

Low Frequency LF Dynamic Bass Protection, RMS Limiting, Power Supply, Thermal Protection, Amp Board Thermal protection

Display

LEDS Signal Present, Peak and Thermal (Cool Down Auto Reset)

High Frequency Section

Diaphragm Size	1.75"
Horn Exit Diameter	1.0"
Phase Plug	3-Slot Optimized Geometry
Diaphragm Material	Damped titanium
Surround Material	Mylar
Magnet Type	Ferrite

Horn Design

Horizontal Coverage**	75° 1kHz to 10kHz avg.
Vertical Coverage**	65° 1kHz to 10kHz avg.
Type	Constant Directivity
Mouth Size	10.6" x 10.6" (27 x 27 cm)
Throat Size	1.0" (2.54 cm)

Low Frequency Section

Driver Size	15"
Diaphragm Material	Epoxy-reinforced Cellulose
Magnet Type	Ferrite

Controls

Level (Rotary Knob) -15 to +4dB

Construction

Basic Design	Trapezoidal
Material	13-ply Baltic Birch/ resin end caps
Finish	Wear-resistant PVC vinyl
Handles	Two on sides, one top, one bottom
Grill	Perforated metal with weather-resistant coating

Mounting Post Hole Yes

Physical

Height (in/cm)	32.01 / 81.3
Width Front (in/cm)	19.06 / 48.4
Width Back (in/cm)	13.9 / 35.3
Depth (in/cm)	18.11 / 46
Weight (lbs/KG)	83.6 / 38

*Rated power is continuous RMS wattage into transducer's minimum rated impedance @ 1kHz for the HF amp and 100 Hz for the LF amp

**--6dB