



**SRM350v3
SRM450v3**

**1000W High-Definition
Powered Loudspeakers**



SRM350v3 & SRM450v3

The most widely used portable speakers ever; the all-new SRM450 and SRM350 deliver the unparalleled ease-of-use, professional sound quality and indestructible portability that made SRM a live sound legend. Now packed with 1000W of power, the widest selection of truly useful sound-enhancing DSP and setup-friendly audio tools, SRM is ready for your high-output application.

SRMs feature modern tools like application-specific speaker modes and an automatic feedback destroyer, each with a single-button interface that gets you optimized performance in just seconds. And with the integrated 2-channel mixer, you can easily mix multiple sources.

Only SRMs deliver this level of power and sound quality in such an indestructible, portable package.

FEATURES:

- 1000W system power paired with custom transducers deliver gig-level volumes with room to spare
 - 10" high-output LF driver [SRM350v3]
 - 12" high-output LF driver [SRM450v3]
 - 1.4" titanium dome compression driver
- High-Definition Audio Processing for professional sound with unmatched clarity
 - Patented acoustic correction developed with touring geniuses at EAW®
 - Precision 2-way crossover
 - Driver time alignment and phase correction
- Quick one-button Speaker Mode selection for application-specific voicing (PA, DJ, Monitor and Soloist)
- Effortlessly eliminate nasty feedback with one-button automatic Feedback Destroyer
- Integrated 2-channel mixer featuring dual Wide-Z™ inputs
 - Handles anything from mics to guitars to mixers with a single twist of the gain knob
 - Includes stereo RCA inputs for easy connection to music source
 - Perfect for the singer/songwriter, plug in and leave the mixer at home
- Smart Protect™ DSP kicks in to protect your investment when things get pushed a little too hard
- Monitor-specific angle and voicing mode perfect for cutting through on stage
- Flyable for permanent install
- Proven highly-durable, portable design
 - 23.0 lb / 10.4 kg [SRM350v3]
 - 37.0 lb / 16.8 kg [SRM450v3]



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**SRM350v3**
SRM450v3**1000W High-Definition**
Powered Loudspeakers

SRMv3 LOUDSPEAKER SPECIFICATIONS

Acoustic Performance

| | |
|-----------------------------|--|
| Frequency Response (-3 dB) | 55 Hz – 20 kHz [SRM350v3] 47 Hz – 20 kHz [SRM450v3] |
| Frequency Response (-10 dB) | 50 Hz – 23 kHz [SRM350v3] 42 Hz – 23 kHz [SRM450v3] |
| Max peak SPL | 126 dB [SRM350v3] 128 dB [SRM450v3] |
| Crossover Point | 3 kHz |
| Dispersion (H x V) | 90° x 80° [SRM350v3] 90° x 45° [SRM450v3] |

High-Frequency Section

| | |
|--------------------|----------------|
| Compression Driver | 1.4 in / 36 mm |
| Diaphragm Material | Titanium |
| Magnet Material | Ferrite |

Low-Frequency Section

| | |
|-----------------|--|
| Woofer Diameter | 10.0 in / 254 mm [SRM350v3] 12.0 in / 305 mm [SRM450v3] |
| Cone Material | Paper |
| Magnet Material | Ferrite |

Power Amplifiers

| | |
|-----------------------------------|----------------------------------|
| System Power Amplification | |
| Rated Power | 500 watts rms 1000 watts peak |

Low Frequency Power Amplifier

| | |
|-------------|---------------------------------|
| Rated Power | 400 watts rms 800 watts peak |
| Rated THD | < 1 % |
| Cooling | Convection |
| Design | Class D |

High Frequency Power Amplifier

| | |
|-------------|---------------------------------|
| Rated Power | 100 watts rms 200 watts peak |
| Rated THD | < 1 % |
| Cooling | Convection |
| Design | Class AB |

Input / Output

| | |
|-------------------|--|
| Channel 1 | |
| Mic-Line | 8 k Ω balanced |
| 1/4" TRS, Wide-Z™ | 1 M Ω unbalanced |
| Channel 2 | |
| Mic-Line | 8 k Ω balanced |
| 1/4" TRS, Wide-Z™ | 1 M Ω unbalanced |
| RCA | 25 k Ω unbalanced |
| Thru | Male XLR balanced [Passive when the Ch 1 / Mix switch is in the "out" (Ch 1) position] [Active when the Ch 1 / Mix switch is in the "in" (Mix) position] |

Power

| | |
|--------------------------------|---------------------------------|
| US detachable line cord | 100 – 120 VAC, 50 – 60 Hz, 160W |
| EU detachable line cord | 220 – 240 VAC, 50 – 60 Hz, 160W |
| AC Connector | 3-pin IEC 250 VAC, 10 A male |
| Power Supply Type | Switchmode |
| Operating Temperature | 0 - 40 °C |
| [extended ambient temperature] | 32 - 104 °F |

Safety Features

| | |
|------------------|--|
| Input Protection | Peak and RMS limiting, power supply and amplifier thermal protection |
| Display LEDs | Defeatable front power, input signal/OL, speaker mode, feedback destroyer on/off and active filters, system limiter |

Construction Features

| | |
|---------------|--|
| Cabinet | Polypropylene |
| Finish | Black, textured finish |
| Grille | Perforated metal with weather-resistant coating |
| Fly Points | Three M10 x 1.5 x 20 mm [SRM450v3] |
| Monitor Angle | 50° [SRM350v3] 40° [SRM450v3] |



SRM350v3
SRM450v3

**1000W High-Definition
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SRMv3 LOUDSPEAKER SPECIFICATIONS CONT..

Mounting Methods

SRM350v3: Floor mount, pole mount or fly via optional bracket.

SRM450v3: Floor mount, pole mount or fly via three integrated M10 mounting points (using M10 x 1.5 x 20 mm forged shoulder eyebolts).

Physical Properties (packaged product)

SRM350v3

| | |
|--------|------------------|
| Height | 25.0 in / 635 mm |
| Width | 15.2 in / 386 mm |
| Depth | 13.2 in / 335 mm |
| Weight | 29 lb / 13.2 kg |

SRM450v3

| | |
|--------|------------------|
| Height | 29.0 in / 737 mm |
| Width | 17.5 in / 445 mm |
| Depth | 17.0 in / 432 mm |
| Weight | 43 lb / 19.5 kg |

Physical Properties (product)

SRM350v3

| | |
|--------|------------------|
| Height | 20.8 in / 527 mm |
| Width | 13.1 in / 333 mm |
| Depth | 12.3 in / 311 mm |
| Weight | 23 lb / 10.4 kg |

SRM450v3

| | |
|--------|------------------|
| Height | 26.1 in / 663 mm |
| Width | 16.0 in / 406 mm |
| Depth | 14.8 in / 376 mm |
| Weight | 37 lb / 16.8 kg |

Options

| | |
|--|----------------|
| SRM350v3 Loudspeaker Bag | P/N 093-024-00 |
| SRM450v3 Loudspeaker Bag | P/N 0002843 |
| SPM200 Loudspeaker Pole Mount | P/N 2035170-01 |
| PA-A1 Forged Shoulder Eyebolt Kit (3 x M10 x 1.5 x 20 mm) | P/N 0031943 |
| SRM350v3 Bracket Kit | P/N 0016404 |


Ordering Information

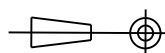
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| SRM350v3 1000W Powered Loudspeaker, US | P/N 2042789-00 |
| SRM350v3 1000W Powered Loudspeaker, EU | P/N 2042789-01 |
| SRM350v3 1000W Powered Loudspeaker, UK | P/N 2042789-03 |
| SRM350v3 1000W Powered Loudspeaker, AU | P/N 2042789-04 |
| SRM350v3 1000W Powered Loudspeaker, CN | P/N 2042789-05 |
| SRM350v3 1000W Powered Loudspeaker, BZ (120V) | P/N 2042789-06 |
| SRM350v3 1000W Powered Loudspeaker, BZ (230V) | P/N 2042789-16 |

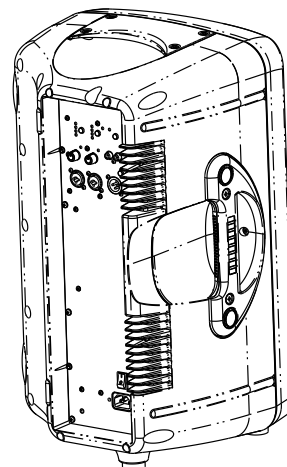
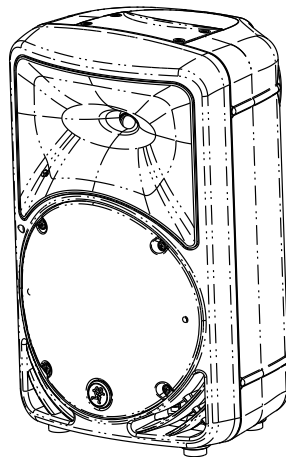
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| SRM450v3 1000W Powered Loudspeaker, EU | P/N 2042790-01 |
| SRM450v3 1000W Powered Loudspeaker, UK | P/N 2042790-03 |
| SRM450v3 1000W Powered Loudspeaker, AU | P/N 2042790-04 |
| SRM450v3 1000W Powered Loudspeaker, CN | P/N 2042790-05 |
| SRM450v3 1000W Powered Loudspeaker, BZ (120V) | P/N 2042790-06 |
| SRM450v3 1000W Powered Loudspeaker, BZ (230V) | P/N 2042790-16 |

SRM350v3 LOUDSPEAKER DIMENSIONS

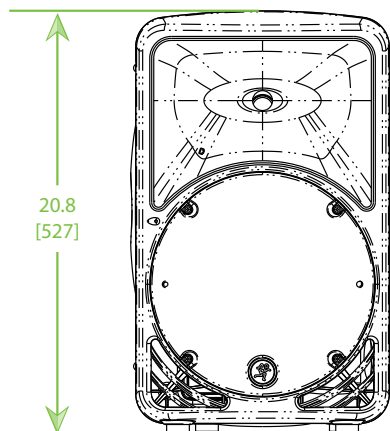
NOTES:

1. SYMBOL  INDICATES CENTER OF BALANCE.
2. WEIGHT APPROX. 23.0 lb [10.4 kg].
3. SHIPPING WEIGHT APPROX. 29 lb [13.2 kg].

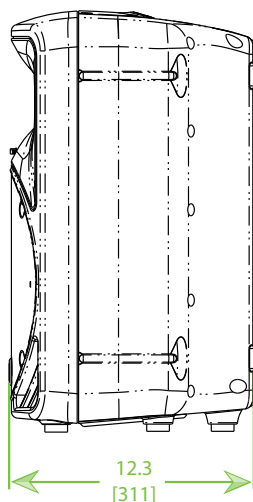
| | |
|---|---|
| <p>THIRD ANGLE PROJECTION</p>  | <p>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES DUAL [MM] DIMENSIONS FOR REF ONLY</p> <p>TOLERANCE IN INCHES LINEAR ± 0.13 in / ± 3.3 mm ANGLES $\pm 1^\circ$</p> <p>(X.XX) = REF DIMS NO TOLERANCE IMPLIED</p> <p>TSC = THEORETICAL SHARP CORNER</p> <p>DIMENSIONS ACROSS CENTERLINES TO BE SYMMETRICAL</p> |
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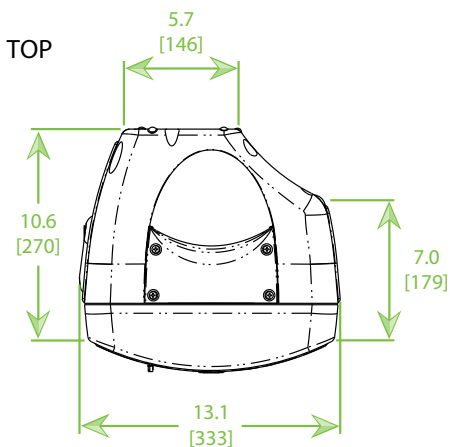
FRONT



SIDE




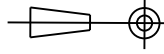
TOP

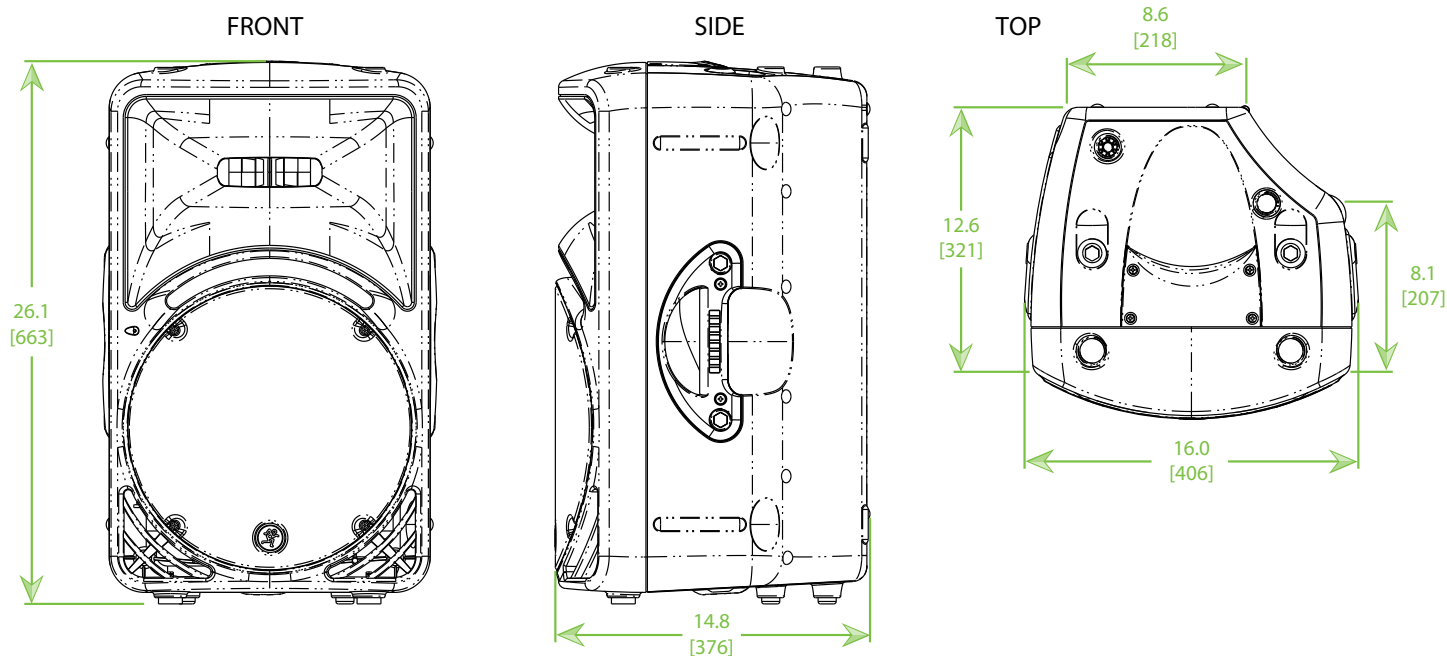
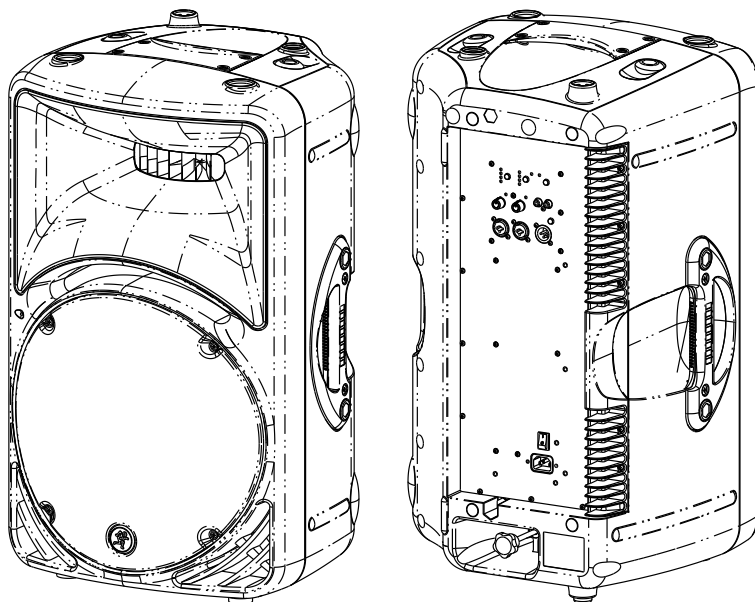


SRM450v3 LOUDSPEAKER DIMENSIONS

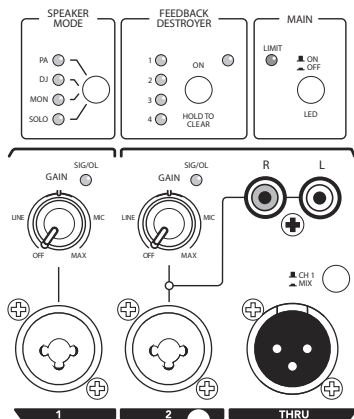
NOTES:

1. SYMBOL  INDICATES CENTER OF BALANCE.
2. WEIGHT APPROX. 37.0 lb [16.8 kg].
3. SHIPPING WEIGHT APPROX. 43 lb [19.5 kg].

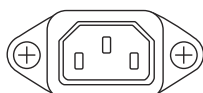
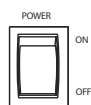
| | |
|---|---|
| <p>THIRD ANGLE PROJECTION</p>  | <p>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES DUAL [MM] DIMENSIONS FOR REF ONLY</p> <p>TOLERANCE IN INCHES LINEAR ± 0.13 in / ± 3.3 mm ANGLES $\pm 1^\circ$</p> <p>(X.XX) = REF DIMS NO TOLERANCE IMPLIED</p> <p>TSC = THEORETICAL SHARP CORNER</p> <p>DIMENSIONS ACROSS CENTERLINES TO BE SYMMETRICAL</p> |
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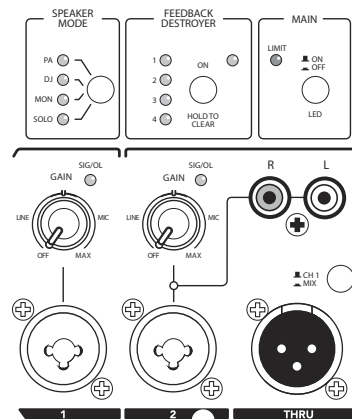
SRMv3 LOUDSPEAKER REAR PANEL



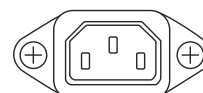
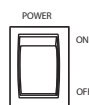
SRM350^{v3}
 1000W HIGH-DEFINITION PORTABLE POWERED LOUDSPEAKER



POWER CONSUMPTION 160W

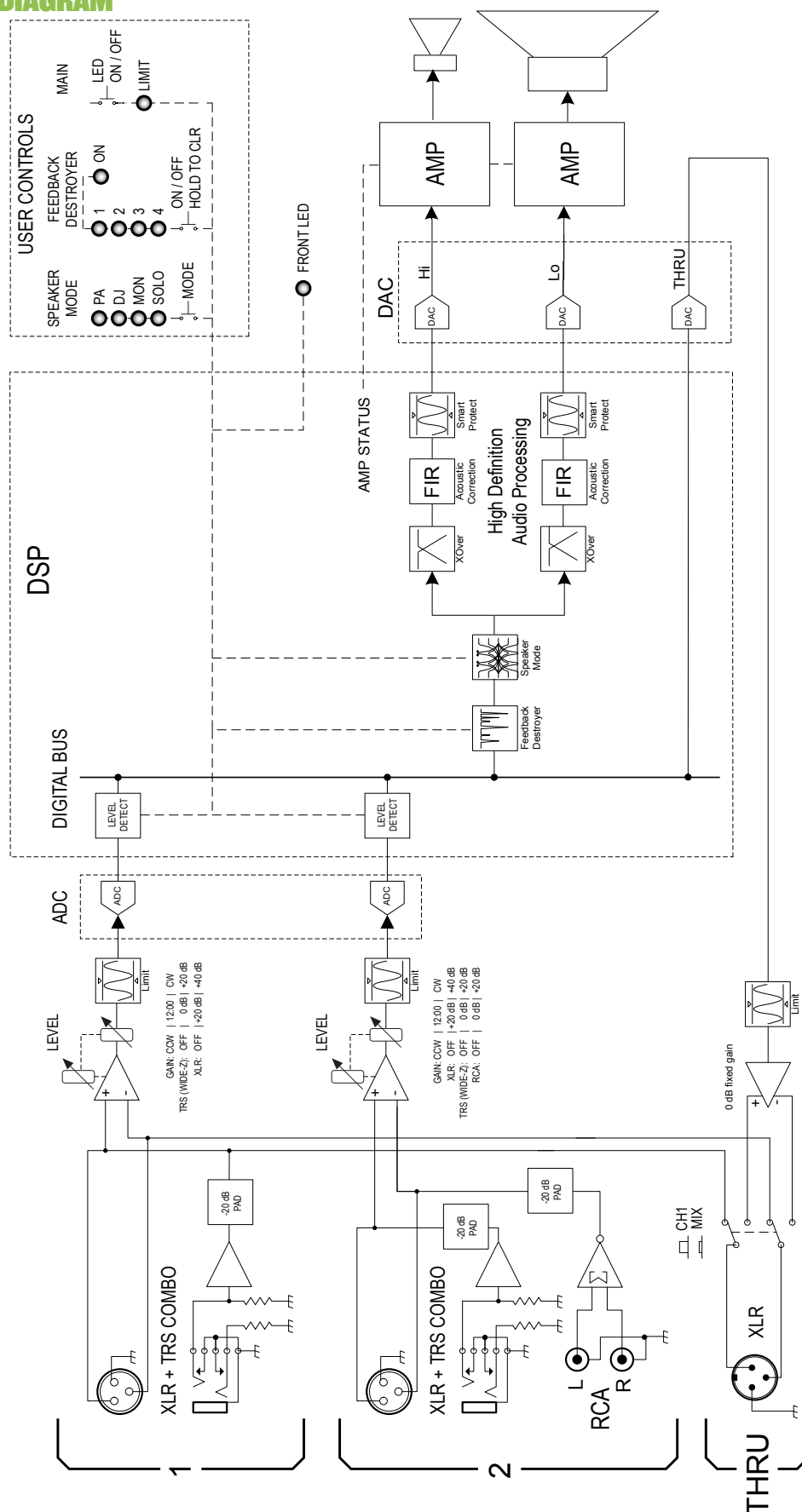


SRM450^{v3}
 1000W HIGH-DEFINITION PORTABLE POWERED LOUDSPEAKER



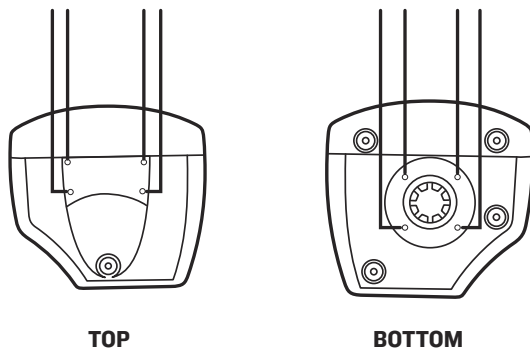
POWER CONSUMPTION 160W

SRMv3 BLOCK DIAGRAM



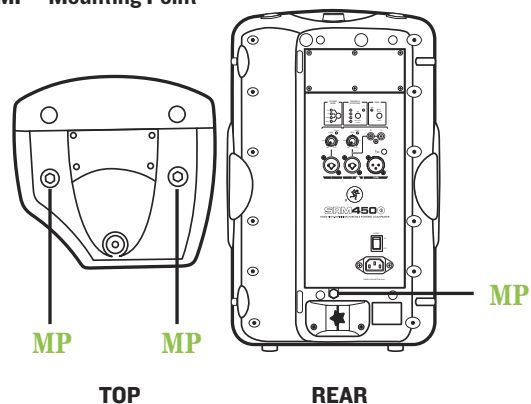
SRM350v3 INSERTS

M5 inserts for mounting optional hanging bracket

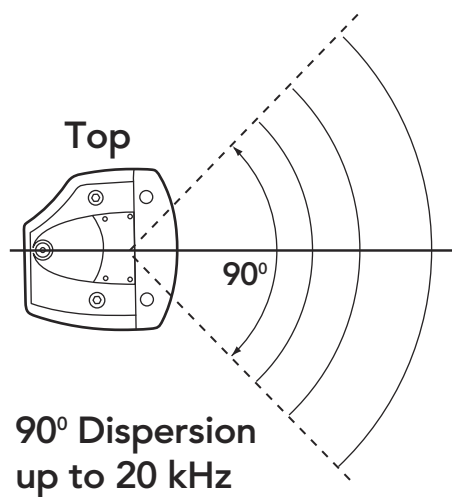


SRM450v3 FLY POINTS

MP = Mounting Point



SRMv3 WIDE HIGH-FREQUENCY DISPERSION





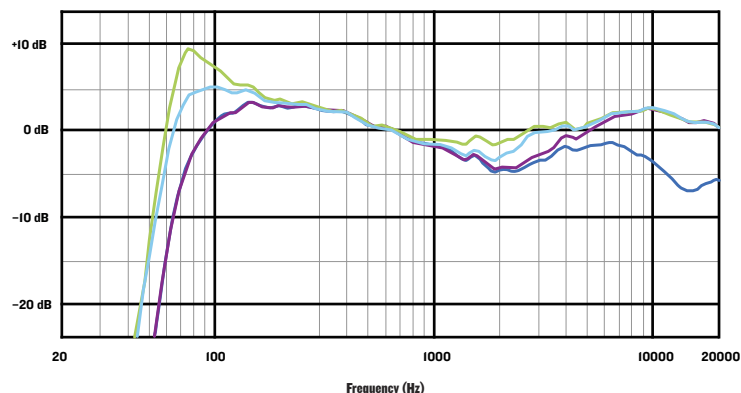
SRM350v3
SRM450v3

**1000W High-Definition
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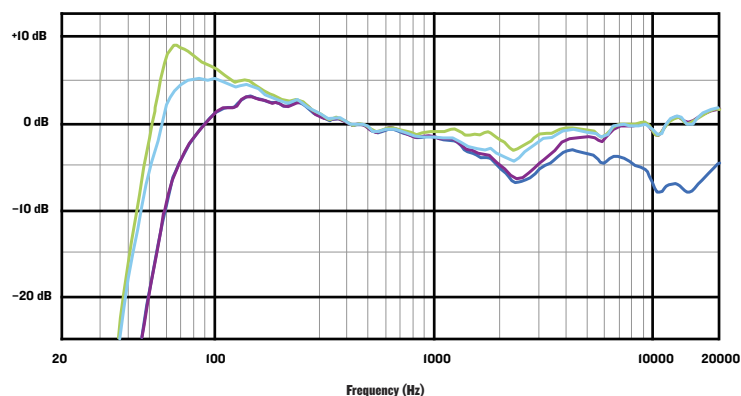
DLM LOUDSPEAKER FREQUENCY RESPONSE LEGEND

- **PA Speaker Mode** – This mode is full range, but focuses on mid-range clarity where vocals often reside.
- **Soloist Speaker Mode** – This mode features a low frequency roll-off to get rid of unwanted thumps and adds boost and sparkle to mid-range and high frequencies. This mode is perfect for plug-and-play singer-songwriters.
- **DJ Speaker Mode** – This mode bumps the lows and highs with a mild tuck to the mids, perfect for music playback.
- **Monitor Speaker Mode** – This mode features a low frequency roll-off and a reduction around 2 kHz to ensure maximum gain before feedback in monitor applications.

SRM350v3 LOUDSPEAKER FREQUENCY RESPONSE



SRM450v3 LOUDSPEAKER FREQUENCY RESPONSE



LOUD Technologies Inc. is always striving to improve our products by incorporating new and improved materials, components, and manufacturing methods. Therefore, we reserve the right to change these specifications at any time without notice.

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Electronic files for this product are available at:
www.mackie.com

Specification Sheet

SRMv3_SS.PDF

Owner's Manual

SRMv3_OM.PDF



www.mackie.com
16220 Wood-Red Road NE
Woodinville, WA 98072 USA
800-898-3211, Fax 425-487-4337

Part No. SWI063 Rev. A 03/14

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