

DRM212 • DRM215 • DRM315

DRM Series Professional Powered Loudspeakers deliver class-leading power via ultra-efficient Class-D amplifiers with next-gen protection and Power Factor Correction technology for peak performance when you need it.

Advanced Impulse™ DSP provides acoustic correction and time-alignment via precision tuned FIR filters for crystal clear, punchy sound typically experienced only with massive touring systems. The DRM Control Dashboard™ features a high-contrast, full-color display on the back panel for quick and easy setup.

Custom transducers housed in touring-grade plywood cabinets are designed for consistent performance in the most demanding applications.

Equipped with M10 flypoints, dual angle pole mounts, and available line array configurations – the DRM Series is perfect for clubs, houses of worship, rental systems and more.

APPLICATIONS:

Medium to large-size club/band PA systems, houses of worship, DJs, rehearsal spaces, gymnasiums, banquet halls, A/V rentals and many, many more.

FEATURES:

- High-efficiency Class-D amplifiers
 - Up to 2300W of power offers ample headroom for professional applications
 - Universal power supply (100-240 VAC) with Power Factor Correction technology ensures consistent performance even with unstable AC power
 - Next-gen protection circuitry keeps transducers safe and ensures peak performance in all applications

- Advanced Impulse™ DSP module
 - Precision crossovers and transducer time-alignment deliver reference quality sound that is consistent throughout the frequency range
 - Cutting-edge FIR Filtering drastically reduces inherent anomalies, phase issues, and muddy midrange resulting in crystal clear sound
- DRM Control Dashboard™ features a high-contrast full color display for easy single-knob access to configuration, processing, and more
 - View current EQ and voicing mode, high-resolution metering, and more from a single overview window
 - Application and venue specific modes provide easy to use voicing with minimal setup time
 - Adjustable 3-band parametric EQ allows for additional customization and tuning for your application and venue
 - Alignment Delay control for delay stacks
 - Save and recall up to 6 user presets for various applications and venues
 - Screensaver plus dimmer and contrast control
 - System lock with 4-digit passcode
- Dual independent inputs that support mic, line, and instrument signals plus a dedicated 1/8" stereo aux input
- Premium components and cabinet design
 - Road-worthy plywood construction and internal bracing offers optimal acoustic performance with a touring-grade textured coating and powder-coated heavy gauge steel grille
 - Unique ported design provides exceptionally smooth yet punchy low frequency response while providing cool air directly to the internal amplifier
 - Titanium diaphragm compression drivers are perfectly matched to the amplifier for maximum transparency and clarity
 - Custom high-excursion woofers offer minimal distortion with increased bass response and reliability to withstand the most demanding live applications
- Versatile configuration
 - DRM212 and DRM215 feature an angled cabinet design for use as floor monitors and dual angle pole-mounts for optimal coverage
 - DRM315 features a single angle pole-mount
- Professional rigging options
 - M10 flypoints for professional installations**

**DRM212 and DRM215 can be flown in vertical orientation only

**DRM315 can be flown in both horizontal and vertical orientation

DRM212 • DRM215 • DRM315 SPECIFICATIONS

Acoustic Performance

Frequency Range (-10 dB):	45 Hz – 20 kHz [DRM212]
	43 Hz – 20 kHz [DRM215]
	35 Hz – 20 kHz [DRM315]
Frequency Range (-3 dB):	50 Hz – 20 kHz [DRM212]
	47 Hz – 20 kHz [DRM215]
	39 Hz – 20 kHz [DRM315]
Horizontal Coverage Angle:	90° [All, DRM315 rotatable]
Vertical Coverage Angle:	60° [All, DRM315 rotatable]
Maximum SPL Peak:	134 dB [DRM212]
	135 dB [DRM215]
	137 dB [DRM315]
Monitor Angle:	50° [DRM212 and DRM215]

Transducers

Low Frequency:	12 in / 305 mm [DRM212]
	15 in / 381 mm [DRM215 and DRM315] with ferrite
Mid Frequency:	6.5 in / 165 mm [DRM315]
High Frequency:	1.4 in / 36 mm titanium dome compression driver [All]

Power Amplifiers

System Power Amplification	
Rated Power:	1600 watts peak [DRM212] 1600 watts peak [DRM215] 2300 watts peak [DRM315]
Low Frequency Power Amplifier	
Rated Power:	1220 watts peak [DRM212] 1220 watts peak [DRM215] 1920 watts peak [DRM315]
Rated THD:	< 1%
Cooling:	Convection
Design:	Class D
High Frequency Power Amplifier	
Rated Power:	380 watts peak
Rated THD:	< 1%
Cooling:	Convection
Design:	Class D

System Processing

Voicing:	4 speaker modes
Subwoofer HPF:	Off, DRM18S, Var
Main Output EQ:	3-band
Delay:	0 – 100 ms

Equalization

Low:	±12 dB @ 20 Hz – 200 Hz
Mid:	±12 dB @ 200 Hz – 2.00 kHz
High:	±12 dB @ 2.00 kHz – 20.0 kHz
HPF:	40 Hz – 160 Hz (Var)

Input / Output

Input Type:	2x Female XLR Balanced • 1/4" Balanced • 1/8" Stereo
Mic-Line Impedance:	8 kΩ balanced
1/4" TS, Wide-Z™ Impedance:	1 MΩ unbalanced
Direct Out and Mix Out:	Male XLR Balanced
Mix Out Impedance:	600 Ω balanced
Main Control:	Rotating Knob

Electronic Crossover

Crossover Type:	24 dB/octave
Crossover Frequency:	1.5 kHz [DRM212 and DRM215]
	900 Hz [DRM315 LF / MF]
	2.5 kHz [DRM315 MF / THF]

Line Input Power

Detachable line cord:	~100 – 240 VAC, 50 – 60 Hz, 110W
	~220 – 240 VAC, 50 – 60 Hz, 110W
AC Connector:	3-pin IEC 250 VAC, 10 A male
Power Supply Type:	Switchmode

Safety Features

Input Protection:	Peak and RMS limiting, power supply and amplifier thermal protection
Display LEDs:	Defeatable front power, Speaker Control
Status Info:	Input and output levels, voicing mode, sub HPF, EQ and delay settings

Construction Features

Basic Design:	Asymmetrical [DRM212 and DRM215]
	Vertical Trapezoidal [DRM315]
Enclosure Material:	Plywood
Enclosure Finish:	Black Polyurea
Grille Material:	16-18 gauge perforated steel
Grille Finish:	Powder-coated black
Handles:	One on each side [All], one on top [DRM212 and DRM215]
Display LEDs	Front: Power ON
	Rear: Speaker Control
Operating Temperature:	0 – 40 °C
	32 – 104 °F

DRM212 • DRM215 • DRM315 SPECIFICATIONS CONTINUED...

Physical Properties (product)

DRM212:	
Height:	25.0 in / 635 mm
Width:	14.7 in / 375 mm
Depth:	16.2 in / 412 mm
Weight:	42.0 lb / 19.1 kg

DRM215:	
Height:	28.3 in / 719 mm
Width:	17.0 in / 431 mm
Depth:	18.1 in / 461 mm
Weight:	57.0 lb / 25.9 kg

DRM315:	
Height:	36.5 in / 927 mm
Width:	18.8 in / 478 mm
Depth:	19.0 in / 485 mm
Weight:	68.0 lb / 30.8 kg

Physical Properties (packaged product)

DRM212:	
Height:	29.6 in / 752 mm
Width:	18.7 in / 475 mm
Depth:	19.3 in / 490 mm
Weight:	48.0 lb / 21.8 kg

DRM215:	
Height:	32.7 in / 831 mm
Width:	20.5 in / 521 mm
Depth:	21.8 in / 554 mm
Weight:	65.1 lb / 29.5 kg

DRM315:	
Height:	39.2 in / 996 mm
Width:	22.2 in / 564 mm
Depth:	22.3 in / 566 mm
Weight:	81.2 lb / 36.8 kg

Mounting Methods

Floor mount, pole mount via the built-in socket on the bottom of the cabinet [Be sure the pole is capable of supporting the weight of the DRM loudspeaker] or fly via the integrated M10 mounting points (using M10 x 1.5 x 20 mm forged shoulder eyebolts).

Options

DRM212 Cover:	P/N 2036809-48
DRM215 Cover:	P/N 2036809-49
DRM315 Cover:	P/N 2036809-50
SPM400 Loudspeaker Pole Mount:	P/N 2051055
PA-A2 Forged Shoulder Eyebolt Kit (3 x M10 x 1.5 x 20 mm)	P/N 2051054

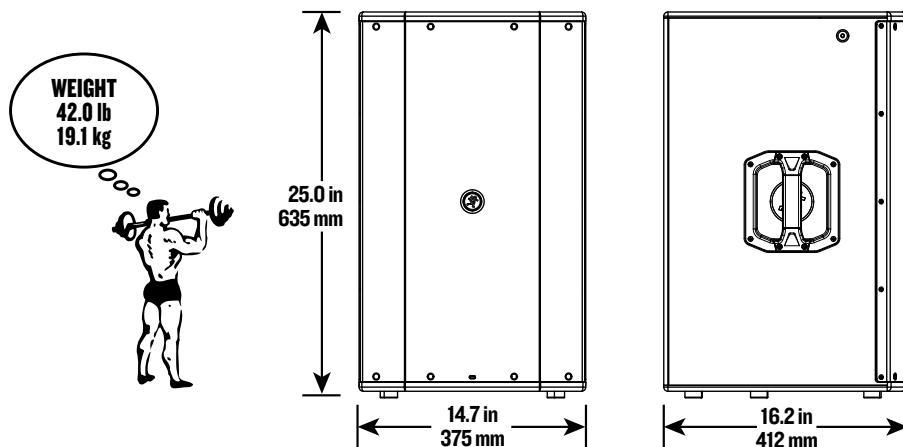
Ordering Information

DRM212 1600W 12" Professional Powered Loudspeaker, US	P/N 2050051-00
DRM212 1600W 12" Professional Powered Loudspeaker, EU	P/N 2050051-01
DRM212 1600W 12" Professional Powered Loudspeaker, UK	P/N 2050051-03
DRM212 1600W 12" Professional Powered Loudspeaker, AU	P/N 2050051-04
DRM212 1600W 12" Professional Powered Loudspeaker, CN	P/N 2050051-05
DRM212 1600W 12" Professional Powered Ldspkr, BZ ~120V	P/N 2050051-06
DRM212 1600W 12" Professional Powered Loudspeaker, AR	P/N 2050051-07

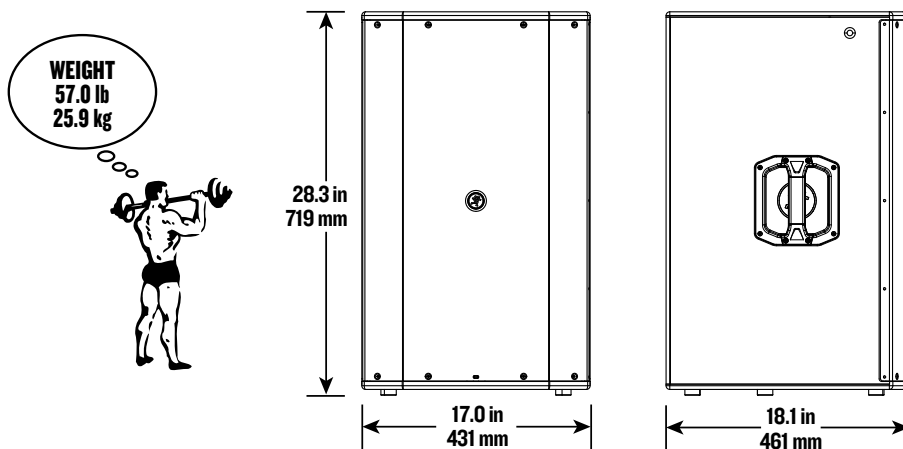
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DRM215 1600W 15" Professional Powered Loudspeaker, UK	P/N 2050061-03
DRM215 1600W 15" Professional Powered Loudspeaker, AU	P/N 2050061-04
DRM215 1600W 15" Professional Powered Loudspeaker, CN	P/N 2050061-05
DRM215 1600W 15" Professional Powered Ldspkr, BZ ~120V	P/N 2050061-06
DRM215 1600W 15" Professional Powered Loudspeaker, AR	P/N 2050061-07

DRM315 2300W 15" 3-way Professional Powered Ldspkr, US	P/N 2050071-00
DRM315 2300W 15" 3-way Professional Powered Ldspkr, EU	P/N 2050071-01
DRM315 2300W 15" 3-way Professional Powered Ldspkr, UK	P/N 2050071-03
DRM315 2300W 15" 3-way Professional Powered Ldspkr, AU	P/N 2050071-04
DRM315 2300W 15" 3-way Professional Powered Ldspkr, CN	P/N 2050071-05
DRM315 2300W 15" 3-way Pro Powered Ldspkr, BZ ~120V	P/N 2050071-06
DRM315 2300W 15" 3-way Professional Powered Ldspkr, AR	P/N 2050071-07

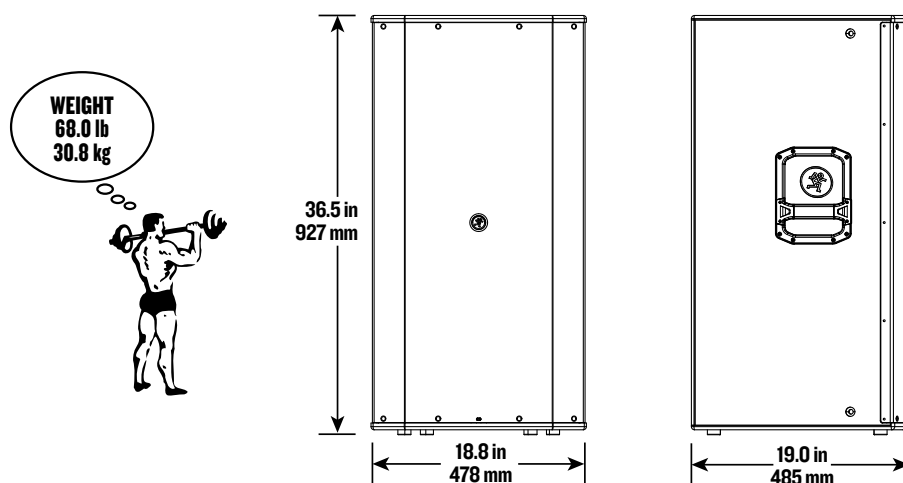
DRM212 DIMENSIONS



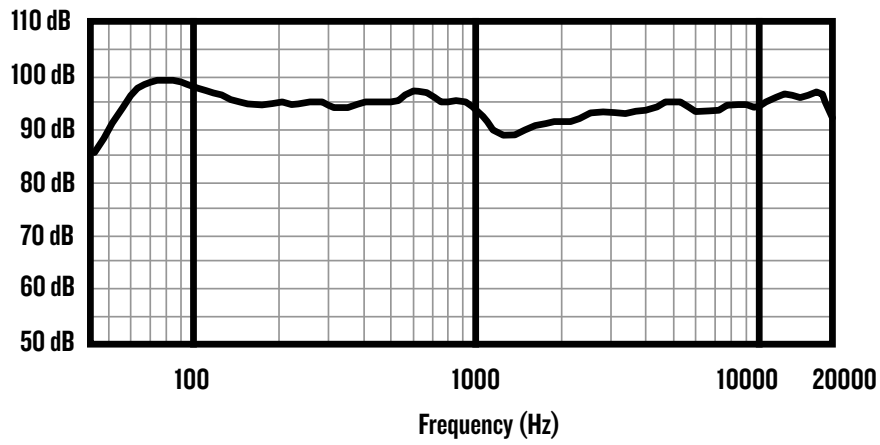
DRM215 DIMENSIONS



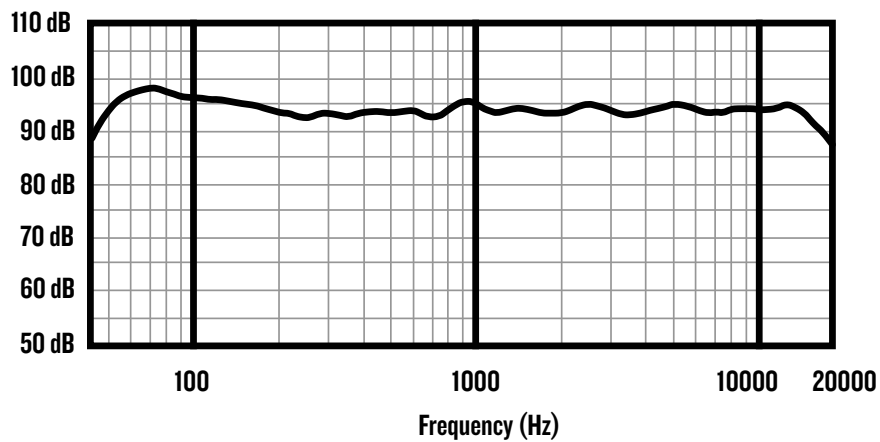
DRM315 DIMENSIONS



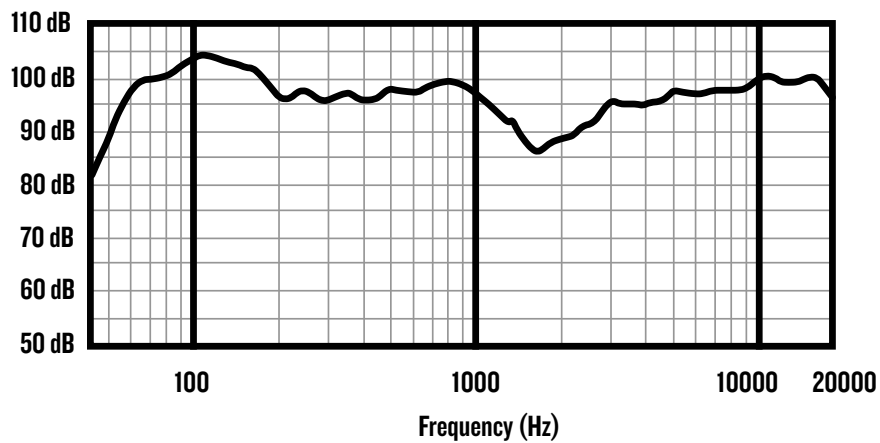
DRM212 FREQUENCY GRAPH



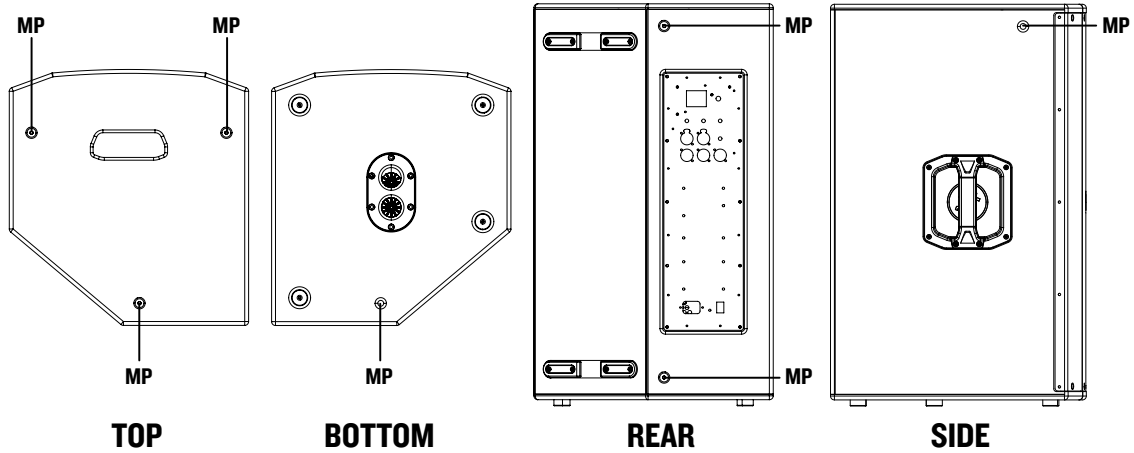
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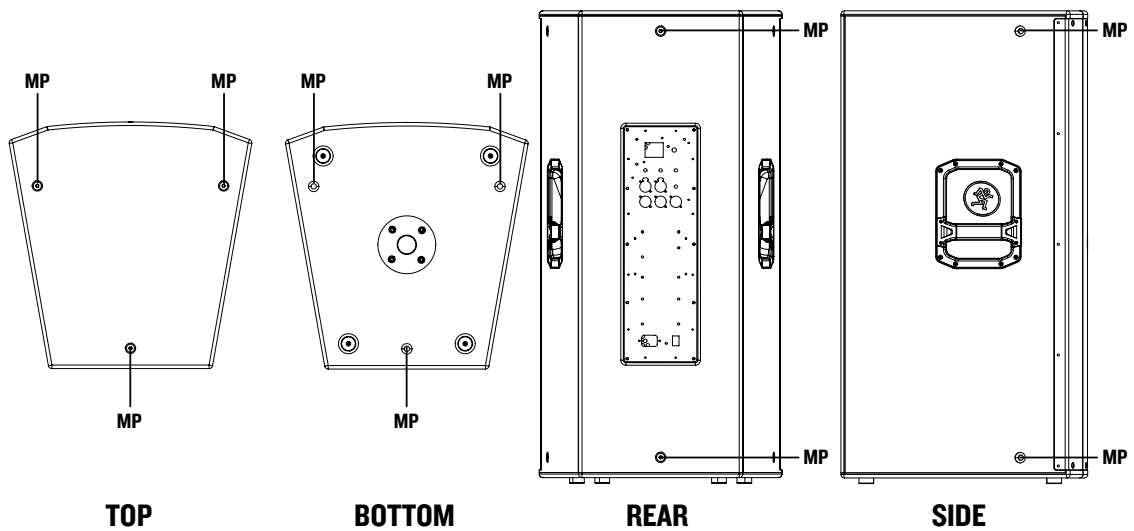
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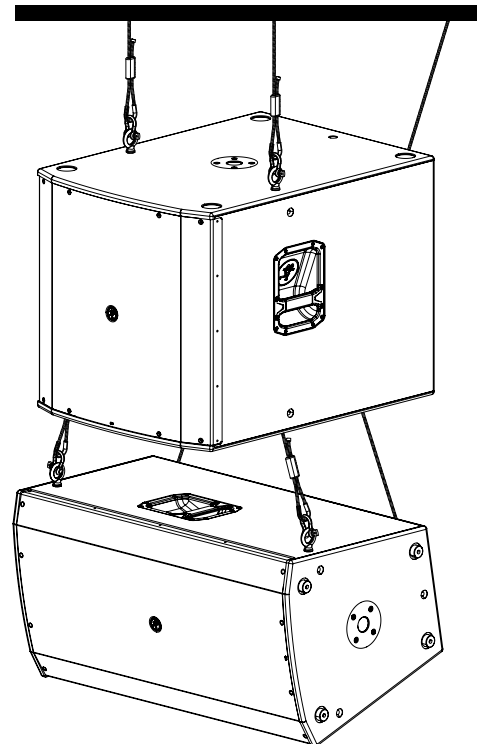
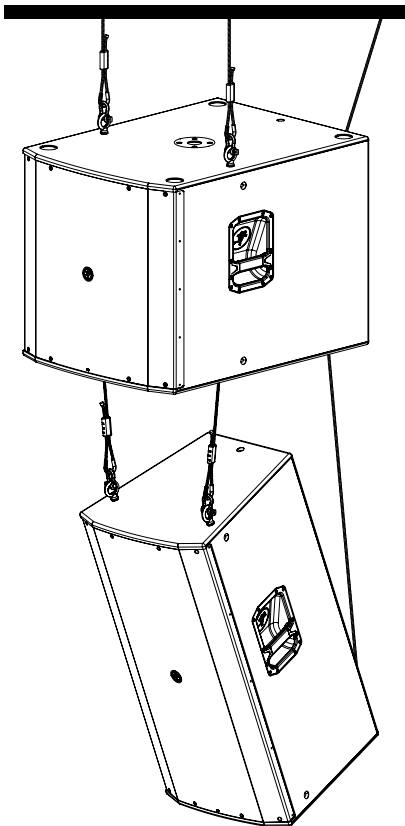
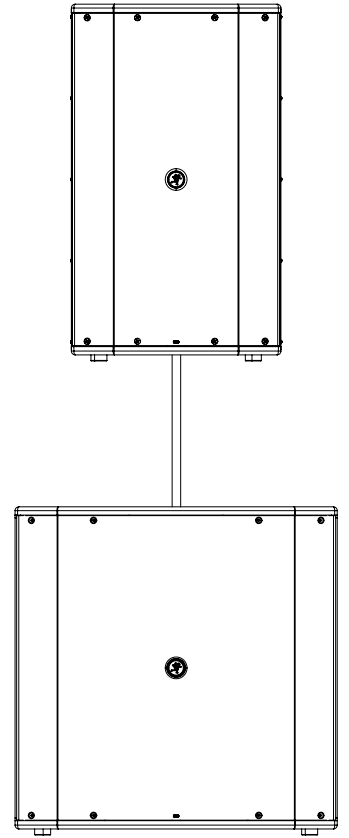
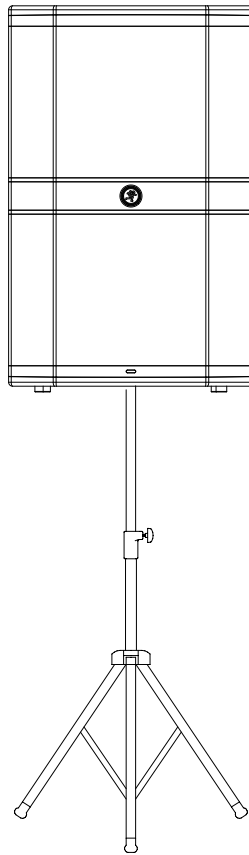
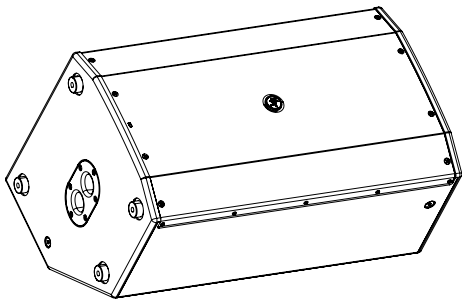
DRM212 • DRM215 MOUNTING POINTS



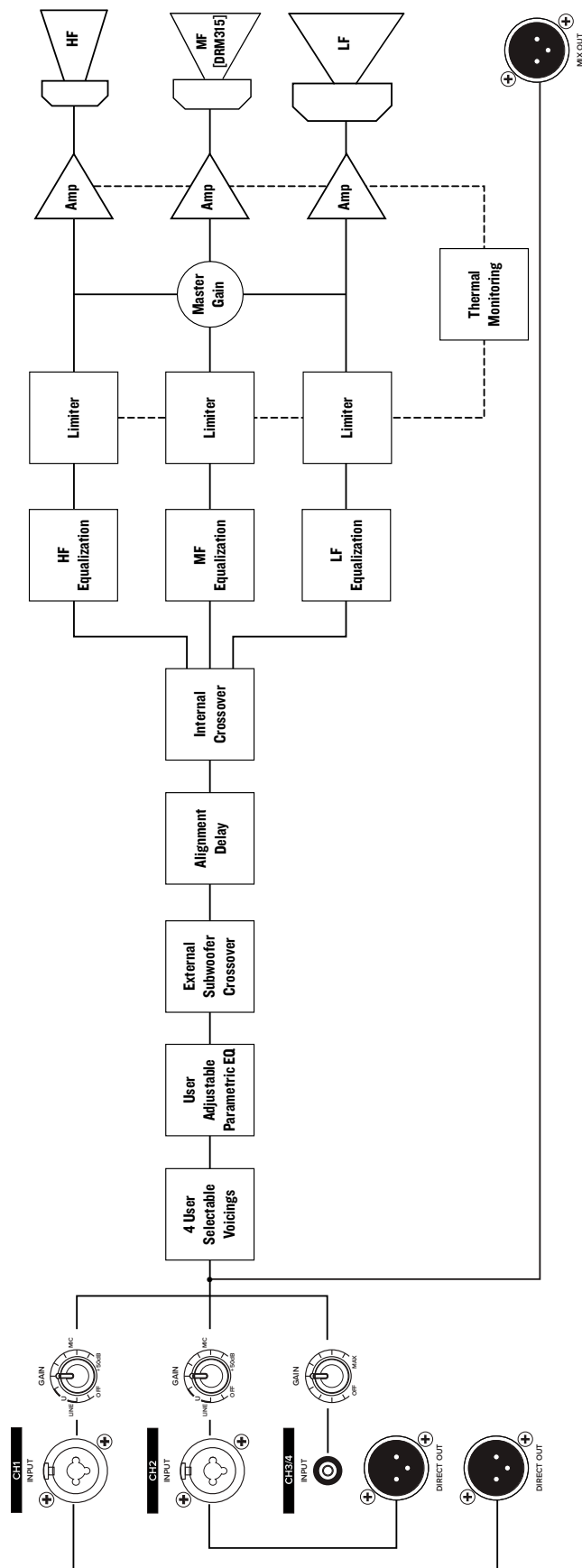
DRM315 MOUNTING POINTS



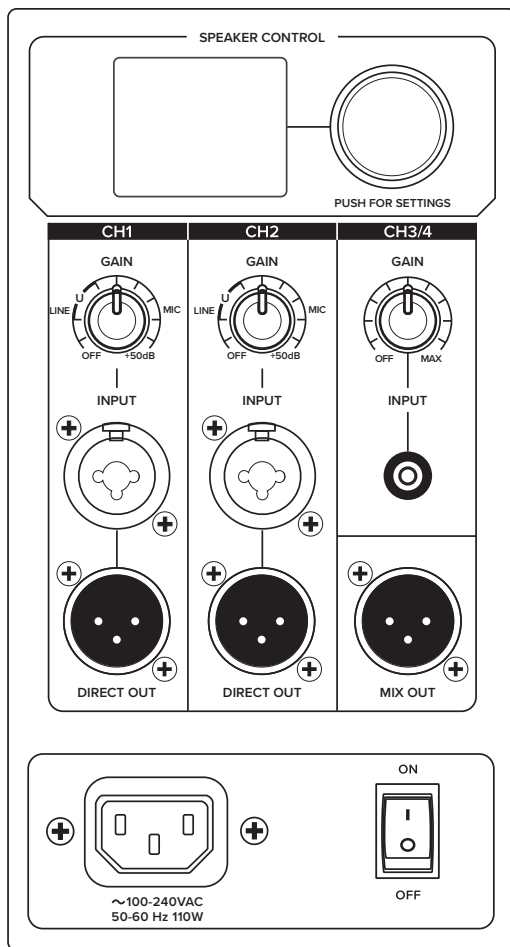
DRM212 • DRM215 • DRM315 RIGGING POSSIBILITIES



DRM212 • DRM215 • DRM315 BLOCK DIAGRAM



DRM212 • DRM215 • DRM315 REAR PANEL



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

Specification Sheet	DRM212_215_315_SS.PDF
Owner's Manual	DRM212_215_315_OM.PDF



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