Specifications

ACOUSTICAL

Operating Frequency Range[1]	66 Hz – 18 kHz
Frequency Response[2]	70 Hz – 17.5 kHz ±4 dB
Phase Response	1 kHz – 18 kHz ±30˚
Maximum Peak SPL[3]	128 dB
Dynamic Range	›110 dB

COVERAGE

Horizontal Coverage	100˚
Vertical Coverage	Varies, depending on array length and configuration

CROSSOVER[4]

760 Hz

TRANSDUCERS

Low Frequency	Two 6.5" cone drivers with neodymium magnets
	Nominal impedance: 4 Ω
	Voice coil size: 1.5"
High Frequency[5]	3" compression driver
	Nominal impedance: 8 Ω
	Voice coil size: 3"
	Diaphragm size: 3"
	Exit size: 1.2"

AUDIO INPUT

Type	Differential, electronically balanced
Maximum Common Mode Range	±5 V DC
Connectors	XLR female input with XLR male loop output
Input Impedance	10 kΩ differential between pins 2 and 3
Wiring	Pin 1: Chassis/earth through 220 kΩ, 1000 pF, 15 V clamp network to provide virtual ground lift at audio frequencies
	Pin 2: Signal +
	Pin 3: Signal –
	Case: Earth ground and chassis
DC Blocking	Differential DC blocking up to the maximum common mode voltage
CMRR	›50 dB, typically 80 dB (50 Hz – 500 Hz)
RF Filter	Common mode: 425 kHz
	Differential mode: 142 kHz
TIM Filter	Integral to signal processing (‹80 kHz)
Nominal Input Sensitivity	0 dBV (1.0 V rms, 1.4 V peak) continuous is typically the onset of limiting for noise and music
Input Level	Audio source must be capable of producing of +20 dBV (10 V rms, 14 V peak) into 600 Ω to produce the maximum peak SPL over the operating bandwidth of the loudspeaker

AMPLIFIER

Type	Three-channel, Class-D
Output Power[6]	975 W (three channels; 2 x 375 W, 1 x 225 W)
Total Output[7]	1950 W peak
THD, IM, TIM	‹.02%
Load Capacity	4 Ω low channels; 8 Ω high channel
Cooling	Convection

AC POWER

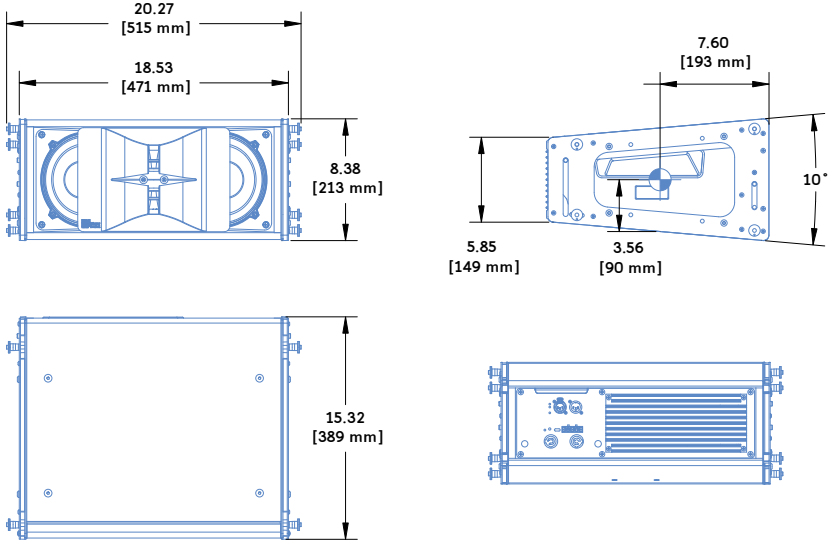
Connectors	PowerCon with loop output
Voltage Selection	Automatic, continuous from 90–265 V AC
Safety Agency Rated Operating Range	100–240 V AC, 50/60 Hz
Turn-on and Turn-off Points	90 V AC turn-on, no turn-off Internal fuse-protection above 265 V AC
Current Draw:	
Idle Current	0.256 A rms (115 V AC); 0.249 A rms (230 V AC); 0.284 A rms (100 V AC)
Maximum Long-Term Continuous Current (>10 sec)	1.26 A rms (115 V AC); 0.66 A rms (230 V AC); 1.50 A rms (100 V AC)
Burst Current (<1 sec)[8]	3.24 A rms (115 V AC), 1.74 A rms (230 V AC), 4.02 A rms (100 V AC)
Ultimate Short-Term Peak Current	10.4 A peak (115 V AC), 5.2 A peak (230 V AC), 11.1 A peak (100 V AC)
Inrush Current	16.8 A peak (115 V AC), 20.0 A peak (230 V AC), 15.0 A peak (100 V AC)

RMS NETWORK

Equipped with two-conductor twisted-pair network, reporting all operating parameters of amplifiers to system operator's host computer

PHYSICAL

Dimensions	20.27" w x 8.38" h x 15.32" d (with rigging pins) (515 mm x 213 mm x 389 mm)
Weight	41.2 lbs (18.69 kg)
Enclosure	Premium birch plywood
Finish	Black textured
Protective Grille	Powder-coated, hex-stamped steel with black mesh
QuickFly Rigging	End frames with four captive GuideALinks, secured with 0.25" x 0.53" quick-release pins; metric M6 attachment points for optional MYA-MINA mounting yoke and MUB-MINA U-bracket



1 *Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.*

2 *Measured free field with 1/3 octave frequency resolution at 4 meters.*

3 *Measured with music referred to 1 meter.*

4 *At this frequency, the transducers produce equal sound pressure levels.*

5 *Driver coupled to a 100-degree horizontal constant-directivity horn through a proprietary acoustical manifold (REM).*

6 *Amplifier wattage rating based on the maximum unclipped burst sine-wave rms voltage the amplifier will produce for at least 0.5 seconds into the nominal load impedance: 39 V rms low channels, 43 V rms high channel.*

7 *Peak power based on the maximum unclipped peak voltage the amplifier will produce for at least 100 milliseconds into the nominal load impedance: 55 V peak low channels, 60 V peak high channel.*

8 *AC power cabling must be of sufficient gauge so that under burst current rms conditions, cable transmission losses do not cause the loudspeaker's voltage to drop below the specified operating range.*