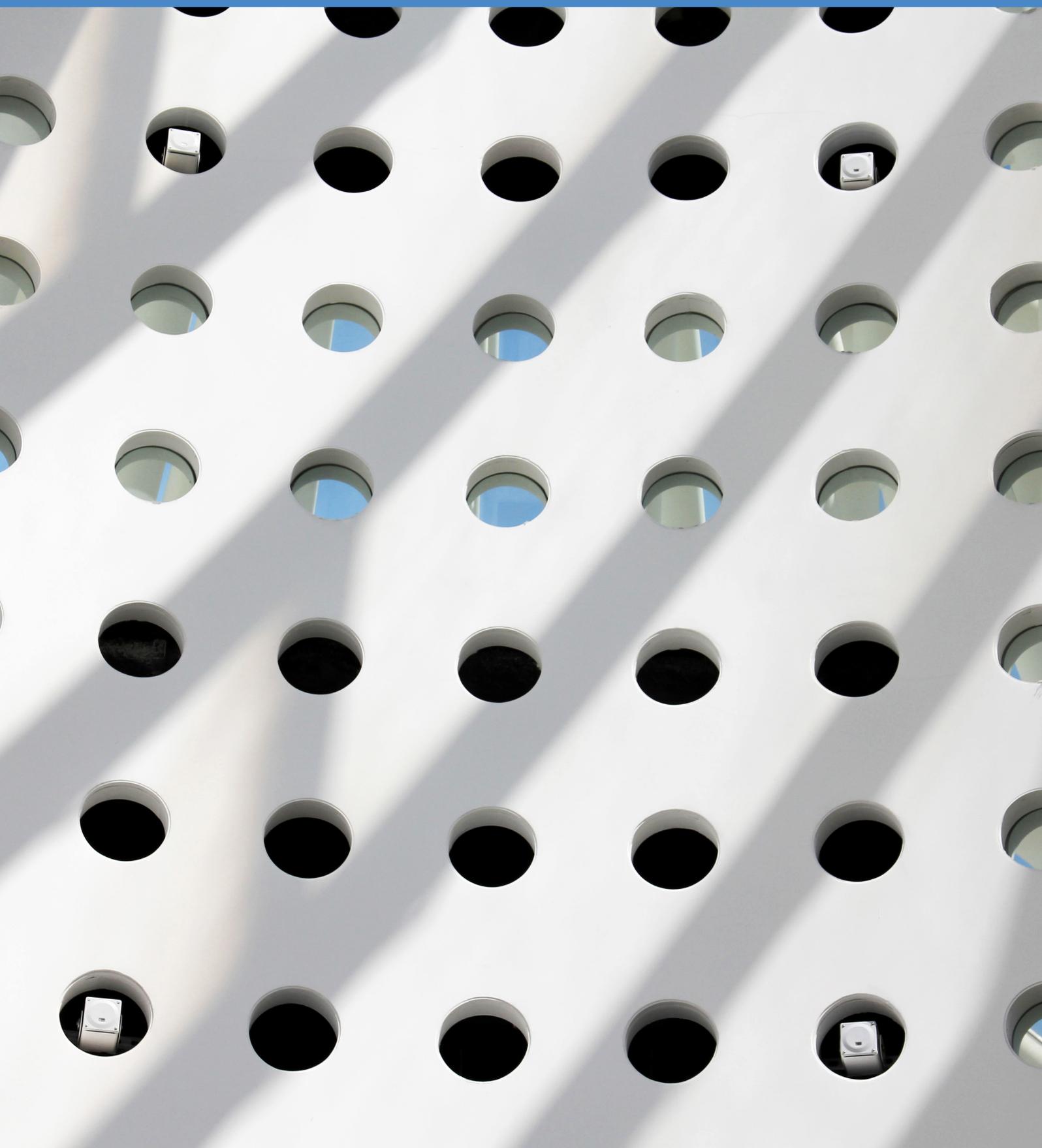


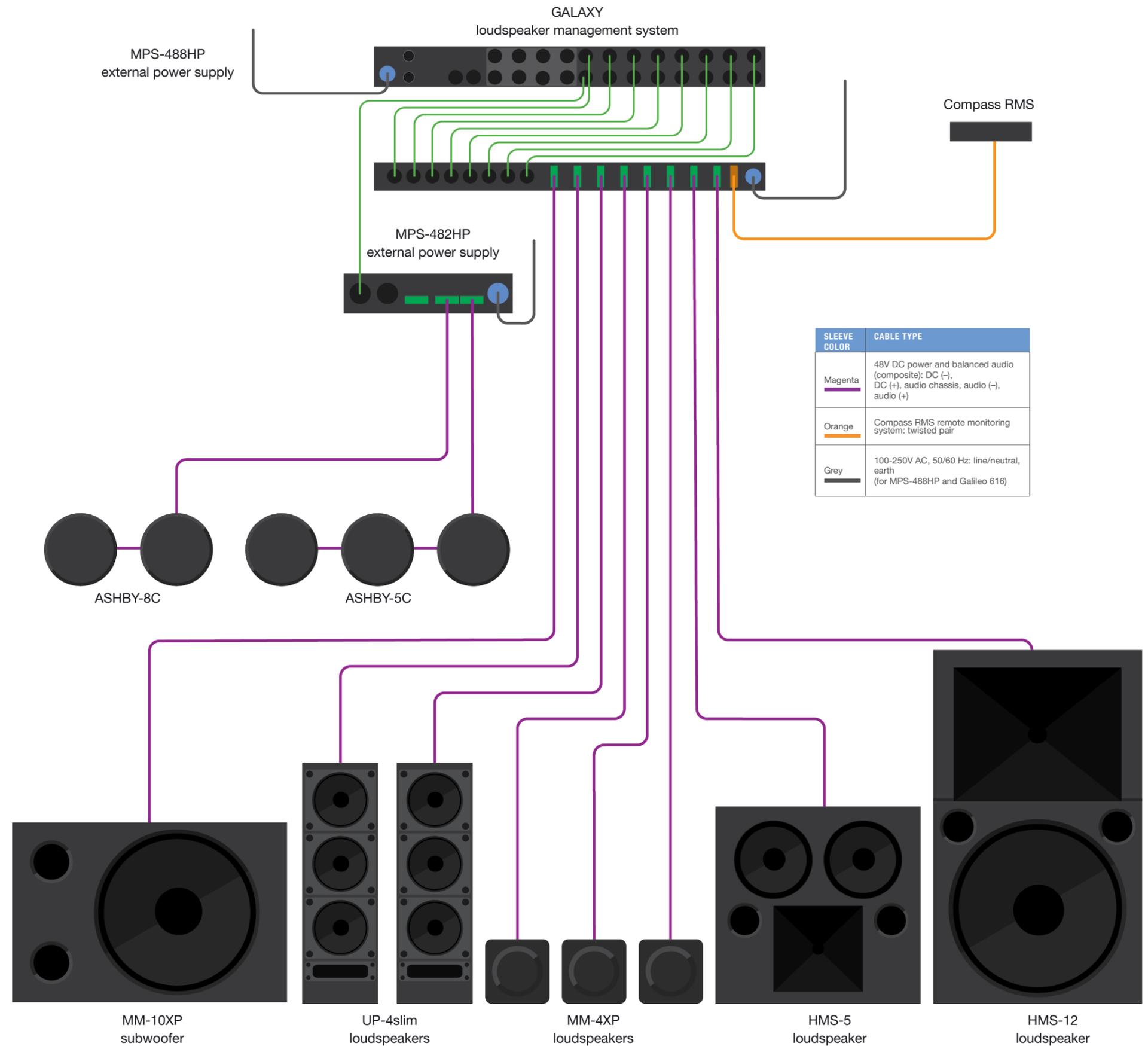
IntelligentDC Systems

THE SELF-POWERED ADVANTAGE WITH SINGLE CABLE



Visualize the Advantage

For discriminating designers who demand the highest quality audio, Meyer Sound offers the IntelligentDC family of full-range loudspeakers, subwoofers, ceiling speakers, and power supplies. IntelligentDC sends balanced audio and low-voltage DC power over a single composite cable, eliminating the need for AC mains at every loudspeaker and letting you skip the conduit and run long, light cable runs, for total flexibility in system design. And since everything is integrated, there are fewer components to manage, fewer unknowns, and fewer headaches—in design, in installation, and in use.



Meyer Sound Loudspeakers with IntelligentDC Technology



LOUDSPEAKER	OPERATING FREQUENCY RANGE	COVERAGE	WEIGHT	DIMENSIONS
 ASHBY-8C Ceiling Loudspeakers	60 Hz–18 kHz	100° Conical	13.8 lbs (6.26 kg)	12.64" w x 8.87" d (321 mm x 225.3 mm)
 ASHBY-5C Ceiling Loudspeakers	100 Hz–18 kHz	110° Conical	7.8 lbs (3.53 kg)	8.92" w x 7.17" d (226.5 mm x 182 mm)
 MM-4XP Miniature Loudspeaker	120 Hz–18 kHz	80° Symmetrical	4.2 lbs (1.91 kg)	4.04" w x 4.04" h x 5.72" d (103 mm x 103 mm x 145 mm)
 MM-4XPD Directional Miniature Loudspeaker	120 Hz–18 kHz	Hypercardioid response (see datasheet for more info)	5.2 lbs (2.36 kg)	4.04" w x 4.04" h x 7.95" d (103 mm x 103 mm x 202 mm)
 UP-4slim UltraCompact Installation Loudspeaker	65 Hz–18 kHz	100° Symmetrical	14 lbs (6.35 kg)	4.29" w x 15.90" h x 5.69" d (403.9 mm x 109 mm x 144.4 mm)
 UP-4XP UltraCompact Loudspeaker	66 Hz–18 kHz	100° Symmetrical	12.2 lbs (5.53 kg)	13.84" w x 5.54" h x 5.25" d (352 mm x 141 mm x 133 mm)
 UPM-2XP UltraCompact Narrow-Coverage Loudspeaker	80 Hz–20 kHz	45° Symmetrical	17 lbs (7.7 kg)	6.85" w x 18.00" h x 7.70" d (174 mm x 457 mm x 196 mm)
 UPM-1XP UltraCompact Wide-Coverage Loudspeaker	75 Hz–20 kHz	100° Symmetrical	17 lbs (7.7 kg)	6.85" w x 18.00" h x 7.70" d (174 mm x 457 mm x 196 mm)
 UPJunior-XP UltraCompact VariO Loudspeaker	70 Hz–20 kHz	80° x 50° or 50° x 80° (Rotatable horn)	26 lbs (11.8 kg)	9.00" w x 19.04" h x 10.20" d (229 mm x 484 mm x 259 mm)

LOUDSPEAKER	OPERATING FREQUENCY RANGE	COVERAGE	WEIGHT	DIMENSIONS
 UPJ-1XP Compact VariO Loudspeaker	55 Hz–20 kHz	80° x 50° or 50° x 80° (Rotatable horn)	43 lbs (19.5 kg)	11.15" w x 22.43" h x 12.25" d (283 mm x 570 mm x 311 mm)
 HMS-5 Compact Surround Loudspeaker	55 Hz–18 kHz	80° Symmetrical	18.4 lbs (8.3 kg)	15.0" w x 12.0" h x 9.7" d (381 mm x 305 mm x 246 mm)
 HMS-10 Surround Loudspeaker	55 Hz–18 kHz	80° Symmetrical	26.2 lbs (11.9 kg)	15.50" w x 19.50" h x 12.48" d (394 mm x 495 mm x 317 mm)
 HMS-12 High-Power Surround Loudspeaker	59 Hz–18 kHz	100° Symmetrical	43 lbs (19.5 kg)	16.80" w x 25.12" h x 9.78" d (427 mm x 638 mm x 248 mm)
 HMS-15 High-Power Surround Loudspeaker	50 Hz–18 kHz	80° Horizontal, 50° Vertical	60 lbs (27.2 kg)	19.0" w x 29.09" h x 12.07" d (483 mm x 739 mm x 307 mm)
SUBWOOFER	OPERATING FREQUENCY RANGE	COVERAGE	WEIGHT	DIMENSIONS
 MM-10XP Miniature Subwoofer	33 Hz–228 Hz	360°	26.7 lbs (12.11 kg)	19" w x 11" h x 12" d (482 mm x 279 mm x 305 mm)
 UMS-1XP UltraCompact Subwoofer	25 Hz–160 Hz	360° Single unit; varies for multiple units	58 lbs (26.3 kg)	22.75" w x 16.3" h x 17.51" d (578 mm x 414 mm x 445 mm)

IntelligentDC Power Supplies

MPS-488HP POWER SUPPLY

The MPS-488HP power supply is designed for installations of up to eight loudspeakers employing IntelligentDC technology. It receives eight channels of balanced audio from XLR-F inputs and routes the audio, along with high-current DC power, to the eight output channels. Rear panel switches allow grouping of any or all adjacent channels. Outputs supply both power and audio signals through a single connector, either Phoenix 5-pin or Switchcraft EN3 5-pin. When equipped with the RMS option, the MPS-488HP allows real-time monitoring of DC loudspeakers via Meyer Sound's Compass RMS remote monitoring system.

MPS-482 POWER SUPPLY

The MPS-482 pairs perfectly with any of Meyer Sound's IntelligentDC loudspeakers.



MPS-488HPe

IntelligentDC power supply with EN3 connectors and optional RMS module



MPS-488HPp

IntelligentDC power supply with Phoenix connectors and optional RMS module



MPS-482HP



Phoenix 5-pin connector



EN3 5-pin connector



ECO-M 7-pin connector

Wiring and Connectors

Meyer Sound loudspeakers with remote DC powering offer several different connector options. All can be ordered with Phoenix 5-pin plug-in connectors for quick, secure connection in any installation. In addition, many of the loudspeakers—those likely to be used in theatrical and corporate AV applications—can be ordered with the rugged EN3 circular 5-pin connector.

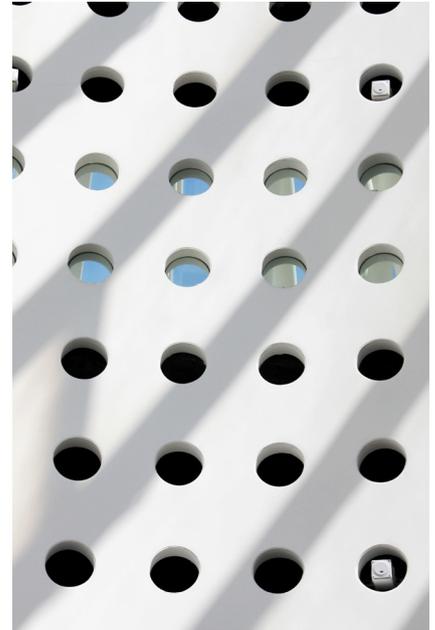
The larger and more powerful loudspeakers—those well suited to outdoor applications in theme parks, themed spectacles and open-air hospitality installations—are also available with the ECO-M 7-pin connector. The ECO-M locking connector provides an environmental seal that complements available weather protection options.

All loudspeakers can be wired with a single 5-conductor cable such as Belden® 1502. For longer cable runs, particularly for larger and more powerful loudspeakers, two cables can be wired to the same connector: a larger gauge 2-conductor cable for the DC power and a smaller gauge 3-conductor cable for the balanced audio.

MODEL	PHOENIX 5-PIN	EN3 5-PIN	ECO-M 7-PIN
UPJ-1XP, UPJunior-XP, UPM-1XP, UPM-2XP, UMS-1XP	✓	✓	✓
UP-4XP, MM-10XP, MPS-488HP	✓	✓	—
HMS-5, HMS-10, HMS-12, HMS-15, UP-4SLIM, ASHBY-5C, ASHBY-8C, MPS-482HP	✓	—	—
MM-4XP, MM-4XPD, MM-4XPV	—	✓	—

IntelligentDC Systems

SMART ALTERNATIVES FOR DISTRIBUTED AUDIO



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