

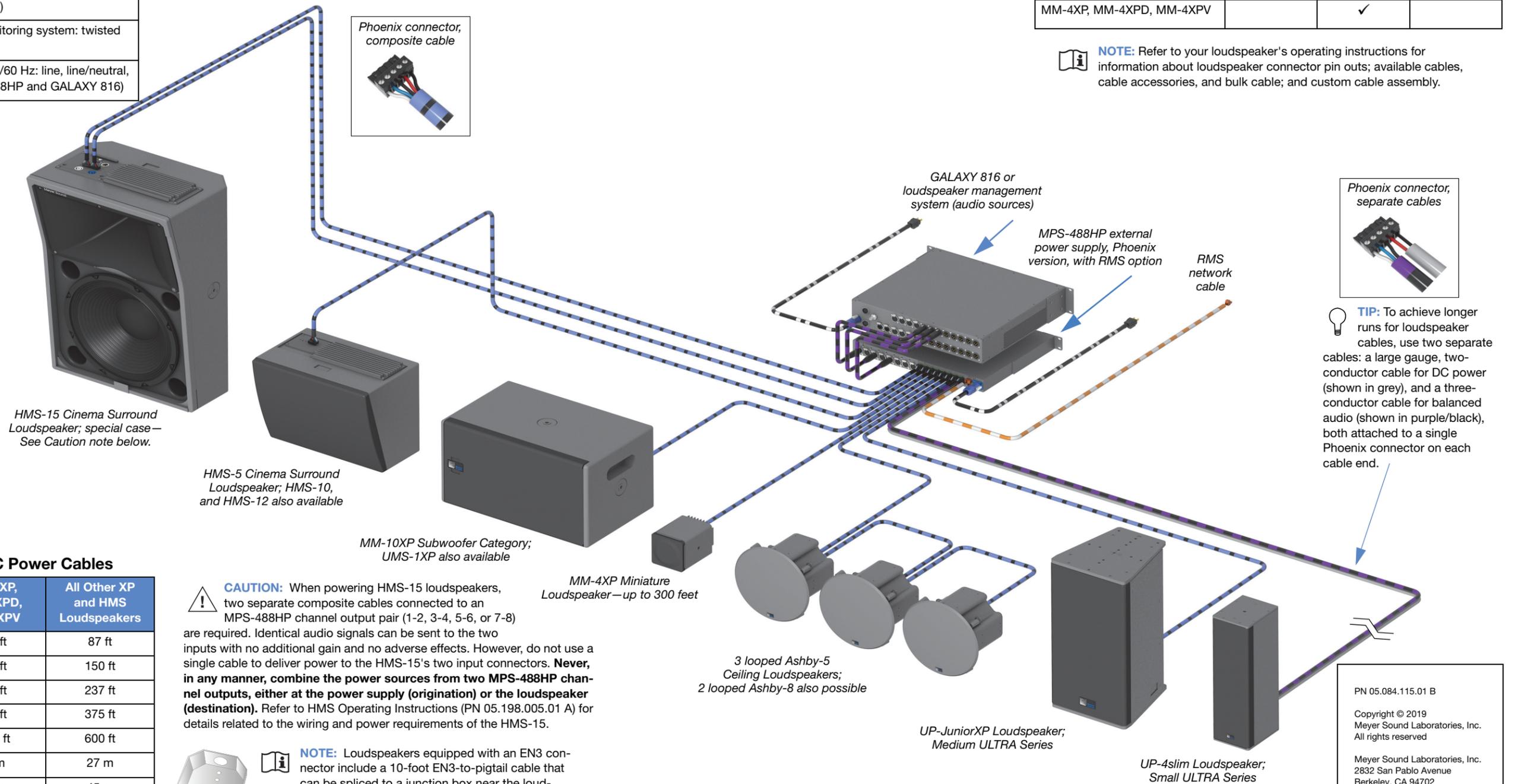
Cable Legend

Sleeve Color	Cable Type
Light Grey	48 V DC power: DC (-), DC (+)
Purple/Black	Balanced audio, line level: audio shield, audio (-), audio (+)
Blue/Black	48 V DC power and balanced audio (composite): DC (-), DC (+), audio shield, audio (-), audio (+)
Orange/White	RMS remote monitoring system: twisted pair
Black/White	100-250 V AC, 50/60 Hz: line, line/neutral, earth (for MPS-488HP and GALAXY 816)

Available Loudspeaker/Power Supply Connectors

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	✓	✓	
ASHBY-5C, ASHBY-8C, HMS-5, HMS-10, HMS-12, HMS-15, MPS-482HP, UP-4slim	✓		
MM-4XP, MM-4XPD, MM-4XPV		✓	

NOTE: Refer to your loudspeaker's operating instructions for information about loudspeaker connector pin outs; available cables, cable accessories, and bulk cable; and custom cable assembly.



TIP: To achieve longer runs for loudspeaker cables, use two separate cables: a large gauge, two-conductor cable for DC power (shown in grey), and a three-conductor cable for balanced audio (shown in purple/black), both attached to a single Phoenix connector on each cable end.

Maximum Lengths for 48 V DC Power Cables

Cable Gauge	Maximum Length	
	MM-4XP, MM-4XPD, MM-4XPV	All Other XP and HMS Loudspeakers
American	20 AWG	175 ft / 87 ft
	18 AWG	300 ft / 150 ft
	16 AWG	475 ft / 237 ft
	14 AWG	750 ft / 375 ft
European	12 AWG	1200 ft / 600 ft
	0.75 mm ²	55 m / 27 m
	1.00 mm ²	90 m / 45 m
	1.50 mm ²	175 m / 87 m
2.50 mm ²	365 m / 157 m	

CAUTION: When powering HMS-15 loudspeakers, two separate composite cables connected to an MPS-488HP channel output pair (1-2, 3-4, 5-6, or 7-8) are required. Identical audio signals can be sent to the two inputs with no additional gain and no adverse effects. However, do not use a single cable to deliver power to the HMS-15's two input connectors. **Never, in any manner, combine the power sources from two MPS-488HP channel outputs, either at the power supply (origination) or the loudspeaker (destination).** Refer to HMS Operating Instructions (PN 05.198.005.01 A) for details related to the wiring and power requirements of the HMS-15.



NOTE: Loudspeakers equipped with an EN3 connector include a 10-foot EN3-to-pigtail cable that can be spliced to a junction box near the loudspeaker that receives a longer cable from the MPS-488HP power supply. Loudspeakers equipped with a Phoenix or ECO-M connector include an appropriate cable mount connector for constructing loudspeaker cables.

PN 05.084.115.01 B
 Copyright © 2019 Meyer Sound Laboratories, Inc. All rights reserved.
 Meyer Sound Laboratories, Inc.
 2832 San Pablo Avenue
 Berkeley, CA 94702
 T: +1 510 486.1166
 www.meyersound.com/contact