

PHR™ Series
Ceiling Speakers



ARCHITECTURAL
ACOUSTICS



Sometimes it's better to be heard and not seen.

Introducing the PHR™ Series Ceiling Speakers

Designed to provide high performance in a very compact footprint, the Architectural Acoustics® PHR™ series in-ceiling mount enclosures appeal to both system designers and architects. PHR in-ceiling mount enclosures are ideal for high-intelligibility voice, music and signal reproduction in commercial, industrial and institutional applications. A tap selector switch allows for easy system tuning and configuration for 70 or 100 volt distributed systems. A full selection of taps up to 60 watts (model dependent)

and an 8-ohm transformer bypass setting are included for maximum system versatility. The UL-compliant enclosure is constructed of high-impact, injection-molded plastic and includes a press-fit grille design that blends well with contemporary architecture.

PHR series enclosures are housed in steel backing cans and include two color-coded, screw-locked flying leads in a wiring chamber to allow for easy system wiring and "daisy chain" wiring to additional PHR enclosures.



PHR™ 410 4" Metal Can Ceiling Speaker

Frequency Response: 115 Hz to 13.5 kHz, +/- 4 dB

Power Handling: Thru Mode 40W, Transformer Taps 10W, 5W, 2.5W, 1.25W, 0.63W (70V), 100V capable

Sensitivity: 86 dB SPL, 1m, 1W (8 ohms nominal in Thru Mode)

Components: 4" woofer with 1" VC, PP cone and rubber surround, 1" duo-dome polymer tweeter with phase plate

Crossover Frequency: 4 kHz

Outside Dimensions: 7.9" x 7.87" (Outermost Diameter x Overall Depth)

Cutout Diameter: 6.57"

Weight: 4.6 lbs.

Enclosure: High-impact polystyrene with removable locking installation arms; back can of formed steel; conduit-capable clamp for wiring; wiring chamber with screw lock; perforated metal grille with inner fabric liner for 'blackout'

C-shaped backing plate support included

UL compliant

PHR™ 630 6.5" Metal Can Ceiling Speaker

Frequency Response: 90 Hz to 20 kHz, +/- 4 dB

Power Handling: Thru Mode 50W, Transformer Taps 30W, 15W, 7.5W, 3.75W, 1.9W (70V), 100V capable

Sensitivity: 89 dB SPL, 1m, 1W (8 ohms nominal in Thru Mode)

Components: 6.5" woofer with 1" VC, PP cone and rubber surround, 3/4" soft dome tweeter

Crossover Frequency: 4 kHz

Crossover Slopes: 12 dB/oct. for tweeter, 6 dB/oct. for woofer

Outside Dimensions: 10.2" x 8.6" (Outermost Diameter x Overall Depth)

Cutout Diameter: 8.8"

Weight: 7.6 lbs.

Enclosure: High-impact polystyrene with removable locking installation arms; back can of formed steel; conduit-capable clamp for wiring; wiring chamber with screw lock; perforated metal grille with inner fabric liner for 'blackout'

C-shaped backing plate support included

UL compliant





PHR™ 860 8" Metal Can Ceiling Speaker

Frequency Response: 80 Hz to 20 kHz, ± 4 dB

Power Handling: Thru Mode 90W, Transformer Taps 60W, 30W, 15W, 7.5W, 3.75W (70V), 100V capable

Sensitivity: 91 dB SPL, 1m, 1W (8 ohms nominal in Thru Mode)

Components: 8" woofer with 1.2" VC, PP cone and rubber surround, 3/4" soft dome tweeter

Crossover Frequency: 4 kHz

Crossover Slopes: 12 dB/oct. for tweeter, 6 dB/oct. for woofer

Outside Dimensions: 12.44" x 11.3" (*Outermost Diameter x Overall Depth*)

Cutout Diameter: 11"

Weight: 12.5 lbs.

Enclosure: High-impact polystyrene with removable locking installation arms; back can of formed steel; conduit-capable clamp for wiring; wiring chamber with screw lock; perforated metal grille with inner fabric liner for 'blackout'

C-shaped backing plate support included

UL compliant



PHR™ 860S SUB 8" Can Ceiling Speaker

Frequency Response: 55 Hz to 100 Hz, ± 6 dB, 45 Hz @ -10 dB

Power Handling: Thru Mode 100W, Transformer Taps 60W, 30W, 15W, 7.5W, 3.75W (70V), 100V capable

Sensitivity: 89 dB SPL, 1m, 1W (8 ohms nominal in Thru Mode)

Components: 8" woofer with 1.2" VC, PP cone and rubber surround

Crossover Frequency: 120 Hz

Crossover Slope: 18 dB/oct.

Outside Dimensions: 15.75" x 12.75" (*Outermost Diameter x Overall Depth*)

Cutout Diameter: 14"

Weight: 14.5 lbs.

Enclosure: High-impact polystyrene with removable locking installation arms; back can of formed steel; conduit-capable clamp for wiring; wiring chamber with screw lock; perforated metal grille with inner fabric liner for 'blackout'

C-shaped backing plate support included

UL compliant





ARCHITECTURAL
ACOUSTICS