

PHR™ SERIES CEILING SPEAKERS

BECAUSE SOMETIMES IT'S BETTER TO BE HEARD AND NOT SEEN.



Designed to provide high performance in a very compact footprint, the Architectural Acoustics® PHR™ series in-ceiling mounting 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"

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

Item Number: 00597640



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"

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

Item Number: 00597680



Features and specifications subject to change without notice.

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"

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

Item Number: 00595950 - Black
Item Number: 00595930 - White



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"

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
Item Number: 00597720



Model	Frequency Response	Power Handling	Sensitivity	Impedance	Dimensions	Weight
PHR™ 410	115 Hz to 13.5 kHz, +/- 4 db	Thru mode 40W, Transformer Taps 10W, 5W, 2.5W, 1.25W, 0.63W (70V), 100V capable	86 dB SPL, 1w/1m	8 ohm nominal in Thru mode	7.9" x 7.87" D (outside) 6.57" Cutout Diameter	4.6 lbs.
PHR™ 630	90 Hz to 20 kHz, +/- 4 db	Thru mode 50W, Transformer Taps 30W, 15W, 7.5W, 3.75W, 1.9W (70V), 100V capable	86 dB SPL, 1w/1m	8 ohm nominal in Thru mode	10.2" x 8.6" D (outside) 8.8" Cutout Diameter	7.6 lbs.
PHR™ 860	80 Hz to 20 kHz, ± 4 db	Thru mode 90W, Transformer Taps 60W, 30W, 15W, 7.5W, 3.75W (70V), 100V capable	91 dB SPL, 1w/1m	8 ohm nominal in Thru mode	12.44" x 11.3" D (outside) 11" Cutout Diameter	12.5 lbs.
PHR™ 860S Sub	55 Hz to 100 kHz, ± 6 db 45 Hz @ -10 db	Thru mode 100W, Transformer Taps 60W, 30W, 15W, 7.5W, 3.75W (70V), 100V capable	89 dB SPL, 1w/1m	8 ohm nominal in Thru mode	15.75" x 12.75" D (outside) 14" Cutout Diameter	14.5 lbs.