

**Honeywell**

THE POWER OF **CONNECTED**

LEADWAY SERIES

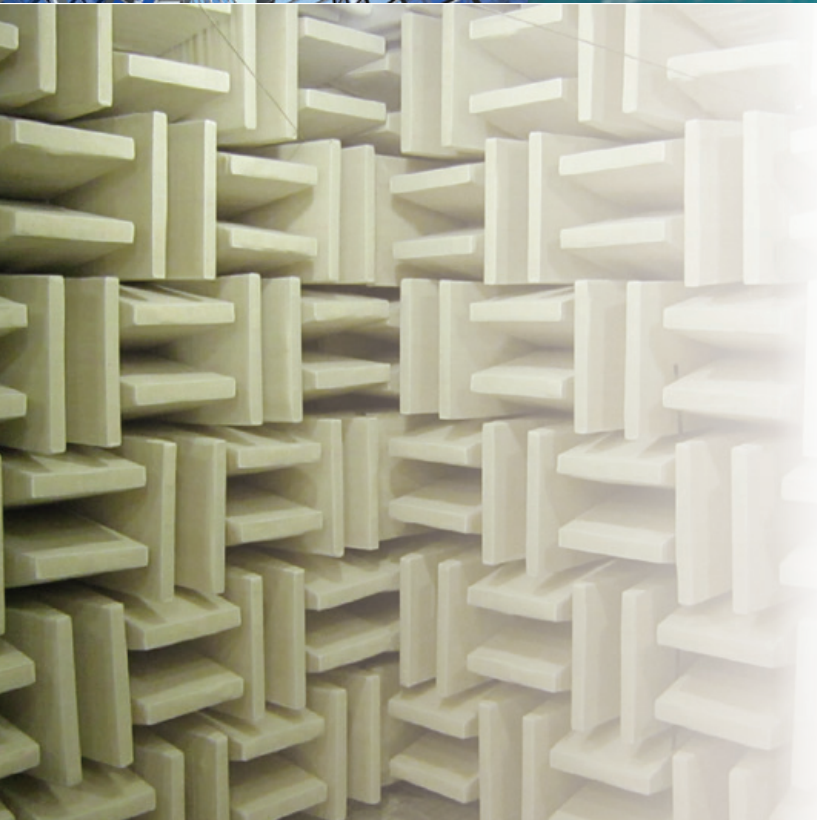
## **Extend Leadership Into Acoustic Excellence**

High Quality Loudspeakers for Public Address Systems

## Extend Leadership Into Acoustic Excellence

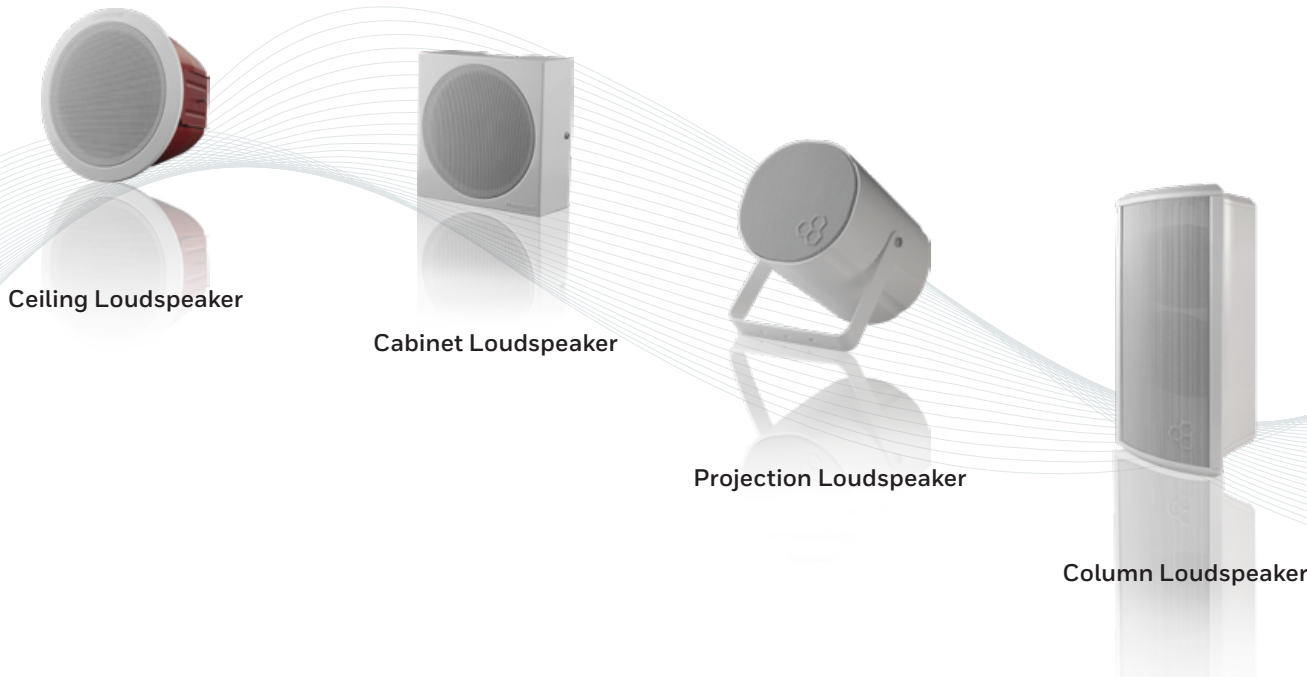
Honeywell Audiovisuals specializes in acoustics and public address (PA) systems, and was founded to provide customers a better public communication management solution for all occasions where sound is used as a major intermediary to spread information and improve environmental conditions. Honeywell Audiovisuals also represents cutting-edge innovation, superior quality, and uncompromising safety.

Like every product bearing the Honeywell logo, the new Honeywell Leadway series loudspeakers embody the same spirit of innovation and unparalleled quality. No matter what you are looking for – extraordinary sound performance, easy installation and maintenance, cost effectiveness, or just a handsome design – Honeywell Audiovisuals will meet your requirements.



Researched, developed, and tested by an experienced team of experts in our fully equipped anechoic rooms, Honeywell Leadway series loudspeakers adopt internationally recognized industry standards to ensure high reliability and excellent performance even in extreme conditions, such as a fire. Moreover, Honeywell Audiovisuals delivers an ideal combination of appealing design, superior sound reproduction, and easy installation, designed to meet the needs of our customers.

“Empower the Sound” is our commitment to providing you with a full range of loudspeakers that enable optimal acoustics in all types of commercial applications.



### High Quality

Fire-resistant – High-strength ABS material complies with the UL94V0 safety standard  
Anti-corrosion – Surpasses 24-hour salt-spray test  
Higher sensitivity – Y30 magnet steel with low-carbon T-iron



### High Standard

UL60065 compliant  
Eco-friendly materials – All materials comply with RoHS standards



### Easy Installation

Ergonomic design enables faster installation to cut costs

*As part of our continued commitment to providing accurate and meaningful test data for the whole of our product range, we now embrace the PA loudspeaker testing requirements as described in GB/T 12060.5-2011/ IEC 60268-5:2007, excluding the EN54-24 certified loudspeaker. Honeywell Leadway loudspeakers have been tested in a that allows the use of commercially available software, such as EASE, to accurately predict their performance when used in any type of application. The critical issue here is that the loudspeakers are tested in frequency response ranges at high sensitivity areas and not just at one frequency (e.g. 1 kHz). By testing the speakers over a bandwidth, a realistic picture is given of the speaker's performance in a real life situation. Measurements at spot frequencies give no indication of speaker performance when used for speech and music systems.*



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01

## Ceiling Loudspeaker

Our ceiling loudspeakers feature a high sound pressure level and a wide frequency response range to ensure flawless acoustic performance in nearly any environment.



# 01 Ceiling Loudspeaker

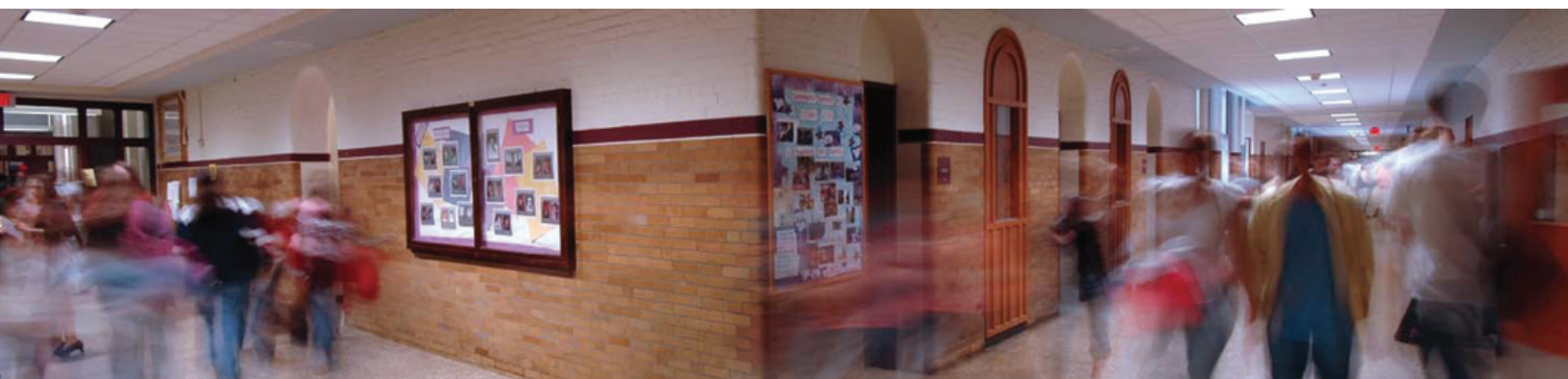


## L-VCM6B/EN

**6.5" Metal Ceiling Loudspeaker with Metal Dome**  
**5" Metal Ceiling Loudspeaker with Metal Dome**  
**Coaxial Ceiling Loudspeaker**

- Superior sound and music reproduction
- Flush mounting on ceiling and wall
- Easy to install
- Simple power setting
- Robust fire dome
- Available with or without capacitor (part number with or without suffix "C")
- Perfect for voice evacuation systems
- UL60065 and RoHS compliant

SPECIFICATIONS	L-VCM6B/EN
Max power	9 W
Rated power	6 W
Power taps @ 100V	6 W/3 W/1.5 W/0.75 W
Power taps @ 70V	3 W/1.5 W/0.75 W/0.375 W
Sound pressure level at 6 W /1 W (200 Hz~20 kHz, 1m)	99 dB/91 dB
Effective frequency response range (-10 dB)	150 Hz - 20 kHz
Dispersion angle (1 KHz/4 KHz/-6 dB)	165°/55°
Rated input voltage	70V
Rated impedance	817Ω/1.63kΩ/3.27kΩ/6.54kΩ
Connection	Ceramic terminal
Dimensions	Ø181mm x 129mm
Hole cut-out size	Ø155mm
Diameter of speaker	5"
Weight	1.29 kg
Front grill color	White (RAL 9003)
Dome color	Red (RAL 3000)
Thermal Fuse	150°
Material	Metal
DC Blocking Capacitor	Yes (2.2 uF) L-VCM6B/EN(C) No L-VCM6B/EN





## L-PCP20A

### 5" ABS Coaxial Ceiling Loudspeaker with ABS Dome

- Coaxial design ensures wider frequency response range
- Flawless acoustic performance
- Selectable 8 ohms, 70V inputs
- Easy connection and installation
- Strong, fireproof ABS enclosure
- UL60065 and RoHS compliant



SPECIFICATIONS	L-PCP20A
Max power	30 W
Rated power	20 W
Power tapping	20 W
Sound pressure level at 20 W / 1 W (1m, 150 Hz~ 20 kHz)	100 dB/88 dB
Effective frequency response range (-10 dB)	100 Hz - 20 kHz
Dispersion angle (1 KHz/-6 dB)	120°
Rated input voltage	70V
Rated impedance	245Ω
Connection	Binding Post Terminals
Dimensions (Ø x H)	Ø240mm x 151mm
Hole cut-out size	Ø210mm
Diameter of speaker	5.5"
Weight	2.0 kg (4.41 lbs)
Color	White (RAL 9003)
Material	ABS



## L-PCM06B

### 6.5" Metal Ceiling Loudspeaker with Metal Dome

- Clear and stereo audio performance
- Cone edge with damp glue for longer operation life
- Sturdy press fit metal grille appearance
- Simple power setting
- Flush-mounting system for fast and easy installation
- UL60065 and RoHS compliant

SPECIFICATIONS	L-PCM06B
Max power	9 W
Rated power	6 W
Power tapping	1.5 W/3 W/6 W
Sound pressure level at 20W / 1 W (1m, 200 Hz~ 15 Hz)	100 dB/92 dB
Effective frequency response range (-10 dB)	110 Hz - 20 kHz
Dispersion angle (1KHz/-6dB)	180°
Rated input voltage	70V
Rated impedance	3.27kΩ /1.63kΩ /817Ω
Connection	Push-in terminal blocks
Dimensions (Ø x H)	Ø200mm x 100mm
Hole cut-out size	175mm
Diameter of speaker	6.5"
Weight	1.08 kg (2.38 lbs)
Color	White (RAL 9003)
Material	Iron

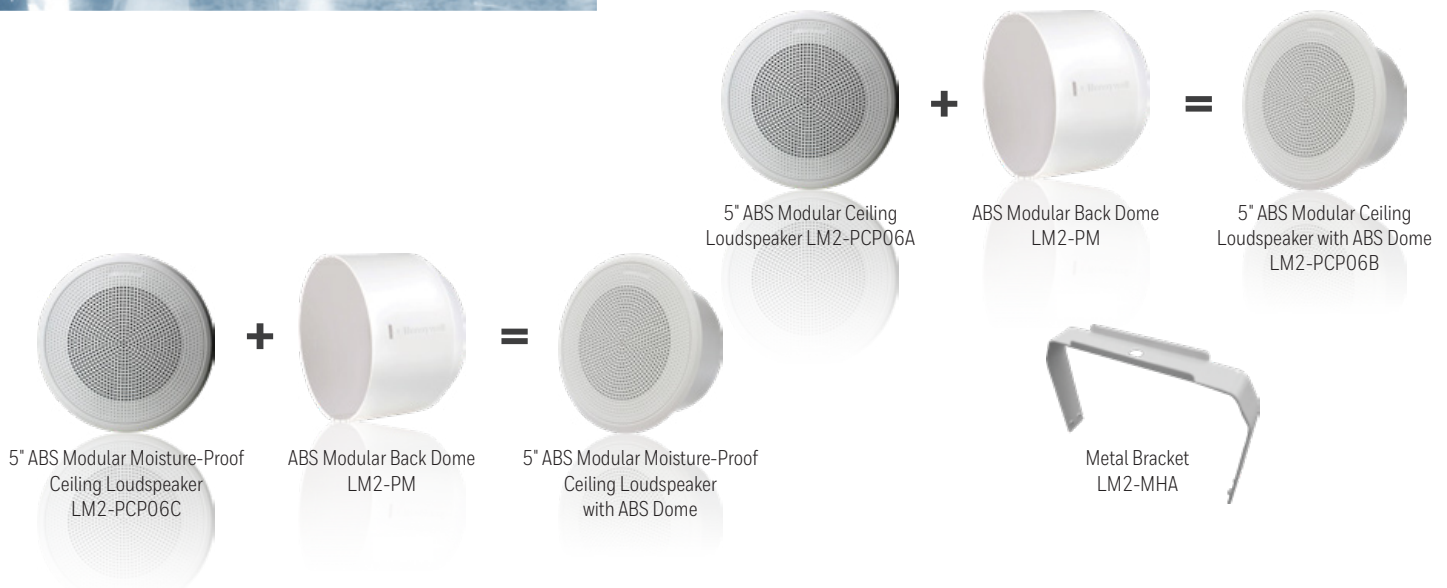
# 01 Ceiling Loudspeaker



## LM2-PCP06A, LM2-PCP06B, LM2-PCP06C, LM2-PM

### ABS Modular Ceiling Loudspeaker Family

- Superior voice and music reproduction
- Stylish design
- Easy installation
- Excellent moisture-proof ability
- Optional back dome LM2-PM
- Optional metal bracket LM2-MHA for suspended installation
- UL60065 and RoHS compliant



SPECIFICATIONS	LM2-PCP06A	LM2-PCP06B	LM2-PCP06C	LM2-PM
Max power	9 W	9 W	9 W	
Rated power	6 W	6 W	6 W	
Power tapping	1.5 W/3 W/6 W	1.5 W/3 W/6 W	1.5 W/3 W/6 W	
Sound pressure level at 6 W/1 W (120 Hz - 18 kHz, 1m)	99 dB/91 dB (120 Hz-18 kHz, 1m)	99 dB/91 dB (120 Hz-18 kHz, 1m)	97 dB/89 dB (150 Hz-18 kHz, 1m)	
Effective frequency response range (-10 dB)	80 Hz - 20 kHz	80 Hz - 20 kHz	110Hz - 20kHz	
Dispersion angle (1 kHz/4 kHz, 6 dB)	184°/90°	184°/90°	184°/90°	
Rated input voltage	70V	70V	70V	
Rated impedance	3.27kΩ/1.63kΩ/817Ω	3.27kΩ/1.63kΩ/817Ω	3.27kΩ/1.63kΩ/817Ω	
Connection	4-pole screw plastic block	4-pole screw plastic block	4-pole screw plastic block	
Dimensions (Ø x H)	Ø180mm x 73mm	Ø180mm x 105mm	Ø180mm x 73mm	
Hole cut-out size	Ø160mm + 5mm	Ø160mm x 5mm	Ø160mm x 5mm	Ø139mm x 100mm
Diameter of speaker	5"	5"	5"	
Weight	0.64 kg (1.41 lbs)	0.76 kg (1.67 lbs)	0.64 kg (1.41 lbs)	0.12 kg (1.41 lbs)
Color	White (RAL 9003)	White (RAL 9003)	White (RAL 9003)	White (RAL 9003)
Material	ABS	ABS	ABS	AB
Material of dome	No	ABS	No	





02

## Cabinet Loudspeaker

Our multi-purpose, indoor cabinet loudspeakers feature a clear treble and powerful bass to deliver superb sounds effects.



# 02 Cabinet Loudspeaker

## L-PWP40A/L-PWP40B, L-PWP60A/L-PWP60B

### ABS Full Range Cabinet

- High quality sound effects with optimal treble and bass
- Strong yet flexible ABS enclosure
- Mounting brackets available
- Choose from charcoal or white
- Selectable 8 ohms, 70V inputs
- UL60065 and RoHS compliant



L-PWP40A



L-PWP40B



SPECIFICATIONS	L-PWP40A/L-PWP40B	L-PWP60A/L-PWP60B
Max power	60 W	80 W
Rated power	40 W	60 W
Power tapping	40 W/20 W/10 W	60 W/30 W/15 W
Sound pressure level	99 dB / 84 dB at 40 W / 1 W (1m, 130 Hz~20 kHz)	108 dB/90 dB at 60 W / 1 W (1m, 100 Hz~ 20 kHz)
Effective frequency response range (-10 dB)	100 Hz - 20 kHz	80 Hz - 20 kHz
Dispersion angle (1 KHz/-6 dB)	160°	135°
Rated input voltage	70V/8Ω	70V / 8Ω
Rated impedance	22.5Ω/245Ω/490Ω	81.7Ω/163.3Ω/326.7Ω
Connection	Binding post terminals	Binding post terminals
Dimensions (W x H x D)	172mm x 302mm x 165mm	193mm x 344mm x 202mm
Diameter of speaker	5" woofer, 1" tweeter	6.5" woofer, 1" tweeter
Weight	3.2 kg (7.05 lbs)	3.8 kg (8.38 lbs)
Color	White (RAL 9003) (L-PWP40A) Charcoal (RAL 7021) (L-PWP40B)	White (RAL 9003) (L-PWP60A) Charcoal (RAL 7021) (L-PWP60B)
Material	ABS	ABS



03

## Projection Loudspeaker

Compatible with many public address applications, projection loudspeakers offer extraordinary audio performance and music reproduction.



# 03 Projection Loudspeaker



## L-PJM10A, L-PJM20A

### Aluminum Unidirectional Projection Loudspeaker

- Intelligible voice and superior sound reproduction
- Ceiling or wall mount installation
- Meets virtually every indoor and outdoor requirement
- UL60065 and RoHS compliant



SPECIFICATIONS	L-PJM10A	L-PJM20A
Max power	20 W	30 W
Rated power	10 W	20 W
Power tapping	10 W/5 W/2.5 W/1.25 W	20 W/10 W/5 W/2.5 W
Sound pressure level	98 dB/89 dB at 10 W/1 W (170 Hz - 20 kHz, 1m)	102 dB/90 dB at 20 W/1 W (200 Hz - 15 kHz, 1m)
Effective frequency response range (-10 dB)	150 Hz - 20 kHz	150 Hz - 20 kHz
Dispersion angle (1 kHz/-6 dB)	180°	180°
Rated input voltage	70V	70V
Rated impedance	490Ω/980Ω/1960Ω/3920Ω	245Ω/490Ω/980Ω/1960Ω
Connection	Fire-resistant cable	Fire-resistant cable
Dimensions (D x L)	Ø140 x 195mm	Ø140 x 195mm
Weight	2.62 kg (5.78 lbs)	2.62 kg (5.78 lbs)
Color	White (RAL 9003)	White (RAL 9003)
Material	Aluminum	Aluminum



## L-PBM20A

### Aluminum Bidirectional Projection Loudspeaker

- Intelligible voice and superior sound reproduction
- Ceiling or wall mount installation
- Meets virtually every indoor and outdoor requirement
- UL60065 and RoHS compliant



SPECIFICATIONS	L-PJM10A
Max power	30 W
Rated power	20 W (10 W×2)
Power tapping	20 W/10 W/5 W/2.5 W
Sound pressure level at 20 W /1 W (1m, 200 Hz~ 15 kHz)	107 dB/95 dB
Effective frequency response range (-10 dB)	150Hz - 20 kHz
Dispersion angle (1 kHz/-6 dB)	180°
Rated input voltage	70V
Rated impedance	245Ω/490Ω/980Ω/1960Ω
Connection	Fire-resistant cable
Dimensions (D x L)	Ø140 x 195mm
Weight	3.23 kg (7.12 lbs)
Color	White (RAL 9003)
Material	Aluminum



04

## Column Loudspeaker

Leadway outdoor column loudspeakers offer a wide dispersion angle and an excellent acoustic performance fit for many applications. Durable enclosures ensure they can withstand any harsh environment.

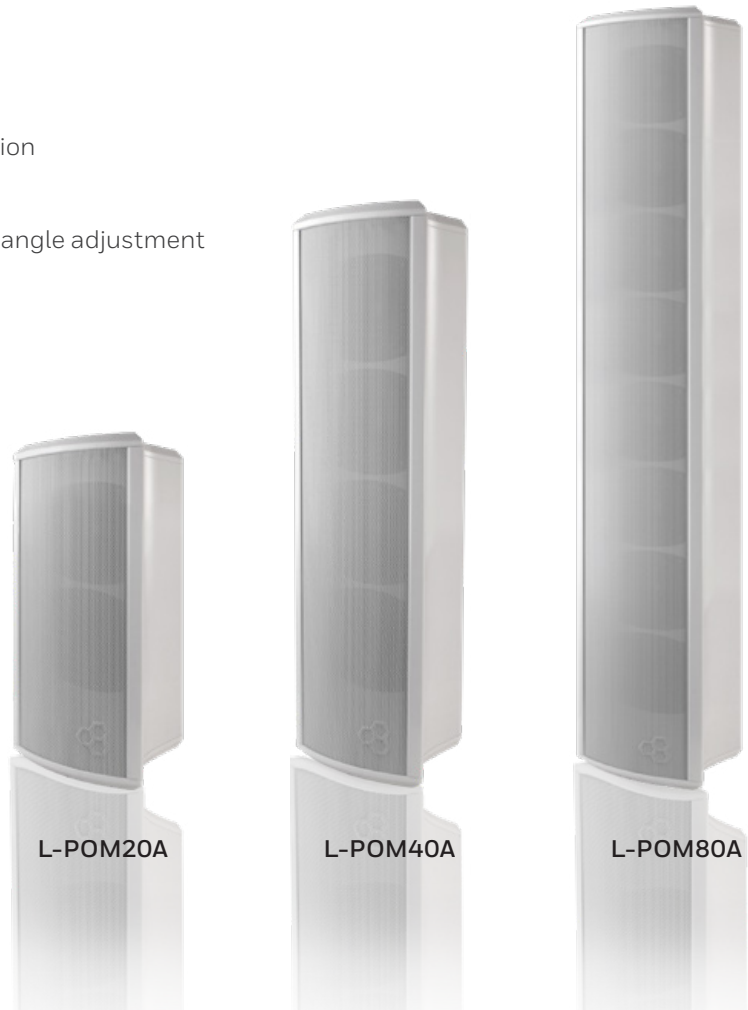


# 04 Column Loudspeaker

## L-POM20A, L-POM40A, L-POM80A

### Aluminum Outdoor Column Loudspeaker

- Intelligible voice and superior sound reproduction
- Robust aluminum housing
- Comes with a universal swivel bracket for easy angle adjustment
- Built for extreme environments
- UL60065 and RoHS compliant



SPECIFICATIONS	L-POM20A	L-POM40A	L-POM80A
Max power	30 W	60 W	100 W
Rated power	20 W (10 W x 2)	40 W (10 W x 4)	80 W (10 W x 8)
Power tapping	20 W/10 W/5 W/2.5 W	40 W/20 W/10 W/5 W	80 W/40 W/20 W/10 W
Sound pressure level	105 dB/92 dB at 20 W/1 W (350 Hz-15 kHz, 1m)	110 dB/94 dB at 40 W/1 W (200 Hz-15 kHz, 1m)	107 dB/90 dB at 80 W/1 W (300 Hz - 15 kHz, 1m)
Effective frequency response range (-10 dB)	250 Hz - 20 kHz	150 Hz - 18 kHz	150 Hz - 17 kHz
Dispersion angle (1 kHz/-6 dB)	160°	150°	180°
Rated input voltage	70V	70V	70V
Rated impedance	245Ω/490Ω/980Ω/1960Ω	122.5Ω/245Ω/490Ω/980Ω	61.3 Ω/122.5Ω/245Ω/490Ω
Connection	Fire-resistant cable	Fire-resistant cable	Fire-resistant cable
Dimensions (W×H×D)	165 x 150 x 344mm	165 x 150 x 568mm	165 x 150 x 1016mm
Weight	3.75 kg (8.27 lbs)	5.75 kg (12.68 lbs)	9.5 kg (20.94 lbs)
Color	White (RAL 9003)	White (RAL 9003)	White (RAL 9003)
Speaker size	4"×2"	4"×4"	4"×8"
Material	Aluminum	Aluminum	Aluminum



**Honeywell Security and Fire** is a strategic business unit of Honeywell Home and Building Technologies under the global Fortune 100 Honeywell International Inc. Within Honeywell Security and Fire, Honeywell Audiovisuals specializes in designing, developing, manufacturing, and selling public address systems. As an expert in acoustic excellence, our mission is to provide our customers who need sound and voice propagation with a better, safer, and more efficient public address management system and solution.

As a leading global manufacturer, Honeywell Audiovisuals is always in pursuit of innovations and is driven by the most cutting-edge technologies. With an experienced team of R&D elites working in world-class laboratories, Honeywell Audiovisuals implements the most efficient operation and strictest quality-control system in the industry. Our advanced design concepts focus on networkability, modularization, and user-friendliness. “Empower the Sound” is our promise to create greater value for our customers around the world.

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