



# AMPERES SPEAKERS VOLUME CONTROLLERS SOUND THAT DELIVERS

IP65 WEATHERPROOF • EN54-24 • FR-ENCLOSURE • LONG-THROW SOUND



## COMMERCIAL INSTALLATIONS

Retail stores, offices, hospitals



## INDOOR & OUTDOOR SPACES

Parks, campuses, stadiums



## TUNNELS & TRANSPORTATION

Clear communication where it matters



## PUBLIC ADDRESS SYSTEM

Announcements that reach every ear



## SAFETY & COMPLIANCE

Meeting global safety standards

## ① INTRODUCTION

Amperes provides a comprehensive range of speakers and volume controllers designed to work in perfect harmony. From economical solutions to premium models, our selection is built for any environment—indoor, outdoor, or even demanding tunnel installations. With IP65 weatherproofing, EN54-24 compliance, and optional fire-rated enclosures, our speakers prioritize safety and durability. To complete your setup, our upgraded dual-tone volume controllers combine modern aesthetics with reliable performance.





### VC7000 Series (W/B)

86 x 86mm Volume Controller



### VC7000A Series

70 x 120mm Volume Controller



### VC8000 Series

86 x 86mm Volume Controller

#### Model Variants

<b>VC7000 Series</b> (86 x 86mm)	<b>VC7010</b>	10W 100V Line Resistive
	<b>VC7030</b>	30W 100V Line Auto Trans
	<b>VC7050</b>	50W 100V Line Auto Trans
	<b>VC7100</b>	100W 100V Line Auto Trans
	<b>VC7150</b>	150W 100V Line Auto Trans
	<b>VC7810</b>	10W 8 Ohm Resistive
<b>VC7000A Series</b> (70 x 120mm)	<b>VC7010A</b>	10W 100V Line Resistive
	<b>VC7030A</b>	30W 100V Line Auto Trans
	<b>VC7050A</b>	50W 100V Line Auto Trans
	<b>VC7100A</b>	100W 100V Line Auto Trans
<b>VC8000 Series</b> (86x 86mm)	<b>VC8010</b>	10W 100V Line Resistive
	<b>VC8030</b>	30W 100V Line Auto Trans
	<b>VC8050</b>	50W 100V Line Auto Trans
	<b>VC8100</b>	100W 100V Line Auto Trans

Take control of your audio volume with the **VC7000** and **VC8000** Series volume controllers. Perfect for meeting rooms, function halls, etc. These controllers allow users to adjust local speaker levels independently without affecting the rest of the system. With a built-in emergency override and LED indicator, it will allow important paging announcements to bypass local level setting at maximum volume.

#### Key Features

- Suitable for **4-wire system installation** (2 for 100V audio, 2 for 24V DC override)
- **Built-in override relay** to allow emergency signal to bypass volume attenuation
- **Overriding LED indicator** whenever EM paging is activated
- **6-step volume attenuation** with OFF position

#### Technical Specifications

Power rating	Refer to each model variants
Overriding voltage	24V DC
Overriding current	15mA
Overriding indicator	Red LED
Attenuation	6 steps including OFF
Attenuation/step	6 dB/step *VC7010 comes with 3 dB/STEP
Attenuation method	<b>VC7010 / VC8010:</b> Resistive Other Models: Auto transformer
Colour	White RAL9016 / equivalent
Terminal cable	22 - 14 AWG
Physical dimensions (W x H x D)	<b>VC7000 / VC8000 Series:</b> 86 x 86 x 40mm <b>VC7000A Series:</b> 70 x 120x 40mm
Net weight	<b>VC7810 / VC7010</b> 120 gms <b>VC7030 / VC7060</b> 260 gms <b>VC7100 / VC7150</b> 400 gms <b>VC8010</b> 120 gms <b>VC8030 / VC8050 / VC8100</b> 280 gms

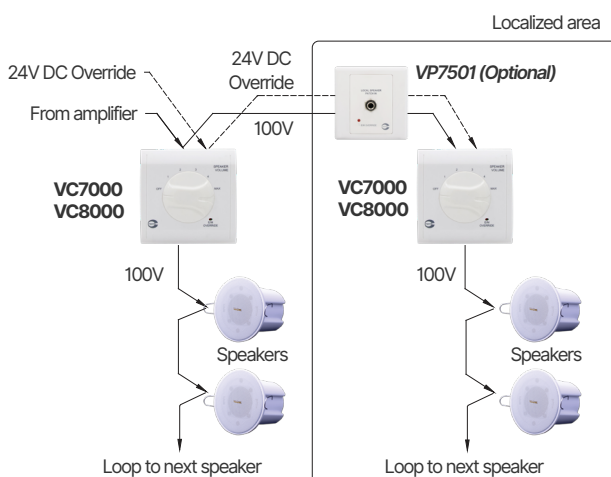
#### Back enclosure / Mounting box (Optional add-ons):

For **VC7000 & VC8000 Series** 86 (W) x 86(H) x 60(D) mm  
**EA9090** - Conceal Mounting Box (ABS)  
**ES9090** - Surface Mounting Box (Steel)  
**ES8787** - Surface Mounting Box (ABS)

For **VC7000A Series** 70(W) x 120(H) x 60(D) mm  
**EC7012** - Conceal Mounting Box (Steel)  
**ES7012** - Surface Mounting Box (Steel)

**Note:** All Volume Controllers are supplied without back enclosure / surface mounting box.

#### 4-Wire System Installation





**VR7600 Series** is a rack-mounted, 6-zone volume controller designed for centralized audio management. It provides independent volume control for each zone and includes an override relay for emergency broadcasts. Available in standard ratings of 50W, 100W, or 150W per channel, it can also be customized to meet specific power requirements.

### Model Variants

<b>VR7600 Series</b>	<b>VR7605</b>	6 Zone x 50W 100V Line Rack Mount VC
	<b>VC7610</b>	6 Zone x 100W 100V Line Rack Mount VC
	<b>VC7615</b>	6 Zone x 150W 100V Line Rack Mount VC

### Key Features

- Rack-mounted
- 6-zone master volume controller with **50W, 100W, or 150W per channel**
- **Customizable** zone ratings available
- **Built-in overriding relay** for emergency volume bypass
- **Suitable for 4-wire system** installation (2 for 100V audio, 2 for 24V DC override)

### Technical Specifications

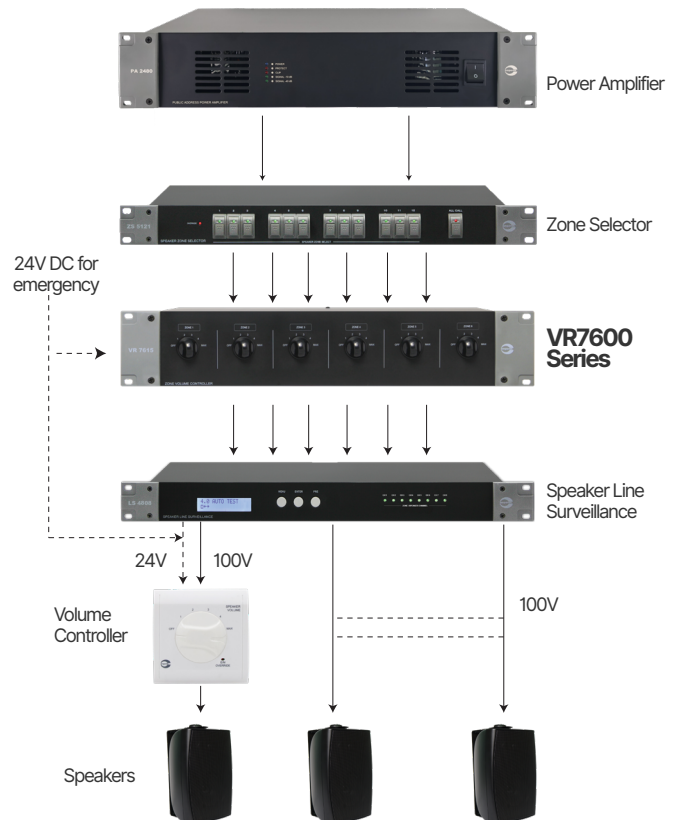
VR600 Series	VR7605 / VR7610 / VR7615
Power rating	50W / 100W / 150W 100V line per zone
Overriding voltage	24V DC
Overriding current	15mA per channel
Attenuation	6 steps including OFF
Attenuation / step	6 dB/step
Attenuation method	Auto transformer
Dimensions (W x H x D)	482 x 88 x 60 mm
Net weight	2.10 / 3.10 / 3.20 kg

### Packing Information

<b>Carton size</b>	555 (L) x 295(W) x 165(H) mm
<b>Gross weight</b>	<b>VR7605</b> : 5.50 kg <b>VR7610</b> : 7.20 kg <b>VR7615</b> : 7.30 kg
<b>Qty/carton</b>	2 units per carton

### Application Schematic for VR7600 Series

**VR7600 Series** rack mount zone VC should be installed before **LS4808 / LS4816** to avoid false fault detection due to variation of impedance whenever volume is adjusted.





### VP7501

100W 100V Local Speaker Patch Panel (86x 86mm)

The **VP7501** is a reliable 100W local speaker patch panel (86x86mm) engineered for localized audio management. It is suitable for restaurants, retail stores and meeting rooms. This patch panel allows you to enjoy localized music or presentations through a local amplifier.

It facilitates seamless switching between a local amplifier and the central Public Address system. Featuring an integrated 24V DC-triggered relay, the unit ensures that critical emergency broadcasts instantly override local audio, prioritizing life safety.



### VP7810

10W 100V - 8 Ohm Speaker Patch Unit (86 x 86mm)

The **VP7810** is a specialized 10W speaker patch unit (86x86mm) designed to integrate 8 Ohm local speakers with 100V line PA systems. It features a built-in step-down transformer and a 24V DC override relay, ensuring that central paging instantly supersedes local audio sources like TVs.

An integrated LED provides clear visual confirmation when the override is active, making it an essential component for safety-compliant installations in hospitality and residential sectors. Example of application is for hotel TV to bathroom audio integration.

## Technical Specifications

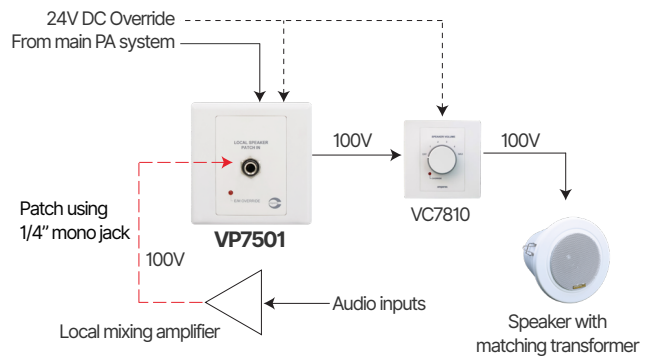
	VP7501	VP7810
Power rating	100W 100V Max	10W 8 Ohm
Overriding voltage	24V DC, 15mA	
Patch connection	1/4" Phone jack-front patch	Hardwired
Cabling	<b>4 wire system</b> (2 for 100V audio, 2 for 24V DC override)	<b>6 wire system</b> (2 for 100V audio, 2 for 24V DC override, 2 for 8 Ohm amplifier)
Physical dimensions	86 (W) x 86 (H) x 60(D) mm 70 (W) x 120(H) mm - <i>Upon Request</i>	
Net weight	100 g	220 g
Back enclosure (Optional):		
Concealed enclosure	77 (W) x 77 (H) x 60 (D) mm	
Surface enclosure	86 (W) x 86 (H) x 60 (D) mm	

**Note:** All speaker patch are supplied without back enclosure / surface mounting box.

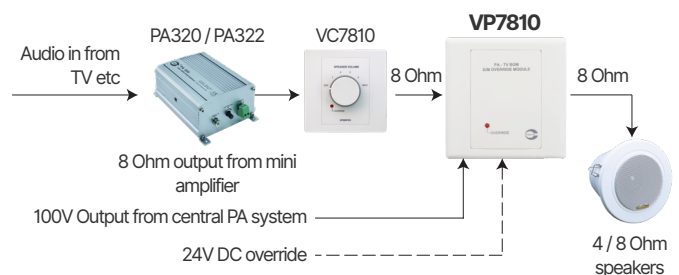
## Packing Information

Carton size	550 (L) x 425 (W) x 220 (H) mm
Gross weight	<b>VP7501:</b> 10.5 kg <b>VP7810:</b> 23.1 kg
Qty/carton	90 units per carton

### Application Schematic for VP7501



### Application Schematic for VP7810



Simplify your system integration of local system / remote system with central paging with the **PR7400**. This multi-functional module solves two critical challenges in one unit: it manages priority paging through reliable relay switching and converts 100V line audio for use with local sound systems.

Whether you need to bypass local volume controls or bridge a central PA system with a local amplifier, the PR7400 provides a robust, professional solution without the need for external 24V DC overriding signal. With the availability of dry contacts, you may use it to bypass local volume controllers.

It is ideal for applications in sub tenants in malls, cinema etc. and when 24V emergency overriding signal is not available for bypassing purpose.

**Key Features**

- Converts any 100V line audio input to a **balanced line audio output**
- Enables **emergency override** for local sound systems
- DPDT relay with **NO/NC contacts** for flexible output configurations
- **Adjustable** sensitivity, relay trigger time, and output volume
- Works without a 24V DC override cable
- **Compact design** for easy installation in cabinets or risers



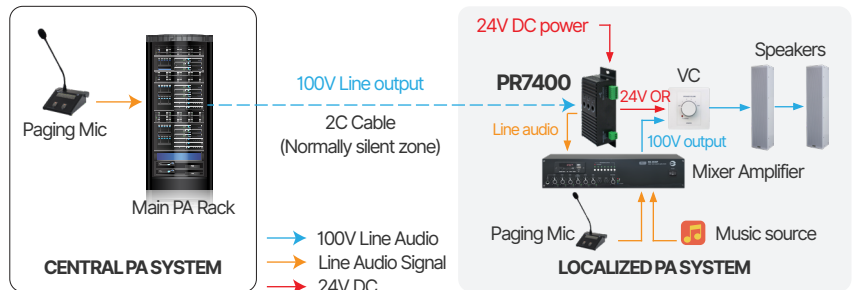
**Technical Specifications**

Operating voltage	24V DC via local adaptor
Power consumption	2.1W (Standby) 2.5W (Operating)
Paging input	50V / 70V / 100V line
Sensitivity threshold	5 - 80V RMS
Detection frequency	80 - 5 kHz
Relay	NC and NO (DPDT)
Relay contact	1A at 24V DC
Paging load / rating	100W at 100V
Trigger duration	5 - 18 seconds
Audio output	Line balanced
Output level	Mute - 0 dB
Frequency response	150 - 18 kHz ± 3 dB
Isolation to 100V	37.5 dB
Indicators	Power, relay trigger, audio
Connections	Detachable phoenix
Dimensions (W x H x D)	52 x 147 x 40 mm
Net weight	200 g (Excluding adaptor)
Compatible adaptor	<b>PS2405</b> - 24V 0.5A AC/DC

**Packing Information**

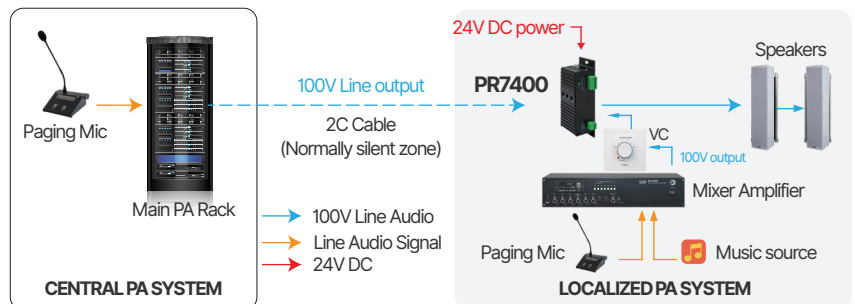
Carton size	110 (L) x 85 (W) x 160 (H) mm
Gross weight	0.70 kg (Including adaptor)
Qty/carton	1 unit per carton

**Application 1: Overriding Local BGM Source**



24V DC OR (overriding) will be present only when paging from central system is made to this zone.

**Application 2: Overriding Local Speaker**



Utilizing the DPDT relay for overriding local 100V output from mixing amplifier.



# CS210 CS510 CS610 CS610B

## Dual Cone Ceiling Speakers



**CS610 / CS610B**  
6" 6W 100V / 6" 10W 100V



**CS510 (W/B)**  
5" 6W 100V



**CS210**  
2" 6W 100V



### Model Variants

<b>CS610</b>	<b>CS610</b>	6" 6W 100V Line
	<b>CS610FR</b>	6" 6W 100V Line w FR Enclosure
<b>CS610B</b>	<b>CS610B</b>	6" 10W 100V Line
	<b>CS610BFR</b>	6" 10W 100V Line w FR enclosure
<b>CS510</b>	<b>CS510</b>	5" 6W 100V Line (White/Black)
	<b>CS510FR</b>	5" 6W 100V Line w FR Enclosure
<b>CS210</b>		2" 6W 100V Line

The CS Series (**CS210, CS510, CS610**) offers a range of high-quality, general-purpose ceiling speakers featuring a refined slim-edge finish for a discreet architectural look. Engineered for clear paging and high-fidelity background music (BGM), these units are housed in durable ABS enclosures with optional fire-retardant (FR) certification. The integrated spring-clip mounting system ensures a fast, secure, and tool-free installation in various ceiling types.

### Key Features

- Slim-edge finishes
- Quick and secure installation with **spring clips**
- **Dual cone drivers** (CS510/CS610) with power taps
- **Durable ABS back enclosure** with optional FR grade material
- Rust-resistant epoxy coated **aluminium grille**

Spring clip installation



### Technical Specifications

	CS210	CS510	CS610	CS610B
Power rating		6W 100V line		10W 100V line
Diameter	2" (51 mm)	5" (125 mm)	6" (150 mm)	
Cone type	Single cone	Dual cone		
Driver impedance (Ohm)	8 Ohm			
Freq. response @ 1 kHz ± 3 dB	160 - 15 kHz	150 - 19 kHz	120 - 19 kHz	
Dispersion angle (1 kHz ± 3 dB)	120°	160°	165°	
SPL @ 1W/m (1 kHz ± 3 dB)	90 dB	92 dB		
Power taps (100V line)		1.5W / 3W / 6W	1W / 3W / 6W / 10W	
Primary impedance (Ohm)		6.7k / 3.3k / 1.67k Ohm	10k / 3.3k / 1.67k / 1k Ohm	
Secondary impedance (Ohm)	8 Ohm			
Grille & enclosure material	Aluminium grille & ABS enclosure			
Cutting hole diameter (D)	85 mm	145 mm	185 mm	
Dimensions (diameter x height)	110 x 110 mm	165 x 110 mm	205 x 110 mm	
Net weight	500 g	780 g	840 g	850 g
Colour	White	White / Black	White / Black	



### Packing Information

<b>CS210</b>	<b>Carton size</b>	570 (L) x 230 (W) x 290 (H) mm
	<b>Gross weight</b>	11.30 kg
	<b>Qty/carton</b>	20 units per carton

<b>CS510 / CS510FR</b>	<b>Carton size</b>	690 (L) x 350 (W) x 400 (H) mm
	<b>Gross weight</b>	19.60 kg (CS510), 19.95 kg (CS510FR)
	<b>Qty/carton</b>	24 units per carton

<b>CS610 / CS610B</b>	<b>Carton size</b>	660 (L) x 440 (W) x 430 (H) mm
	<b>Gross weight</b>	19.50 kg (CS610), 19.70 kg (CS610B)
	<b>Qty/carton</b>	18 units per carton





**CS606**  
6" 6W 100V Line



**CS343**  
4" 6W 100V Line



**CS606** is a robust 6" speaker combines decent sound with essential safety features, including a epoxy coated metal enclosure and a corrosion-resistant aluminum grille. With various power taps (1.5W to 6W) and a quick-install spring clamp system, it is the perfect solution for effortless, professional sound.

**CS343** is an IP65-rated weatherproof speaker designed for a more demanding environment such as high-humidity cleanrooms, spas etc. its ABS enclosure and rust-resistant aluminum grille provide uncompromising durability without sacrificing audio clarity.



**CS515 (W/B)**  
5" 6W 100V Line



**CS516 (W/B)**  
5" 6W 100V Line

*Back enclosure is optional and sold separately*



**CS515** is a 5" full-ABS ceiling speaker with a unique honeycomb grille, suitable for BGM and paging applications. Its ABS enclosure and baffle make it ideal for humid areas where rust or chemical erosions are often encountered. Ideal for sea side installations or high humidity hill resorts.

**CS516** is a full-ABS surface-mount ceiling speaker for solid slab ceilings, with unique honeycomb grille, and multiple power taps of 1.5W / 3W / 6W 100V line. It is suitable where recessed speakers can't be used. Optional back cover is available to provide total cover.

### Model Variants

- CS515** Available in white (W) & black (B)
- CS515FR** Fire-retardant (FR) ABS enclosure

### Model Variants

- CS516** Available in white (CS516W) and black (CS516B)
- CS516B(B)** With matching transformer 1W / 3W / 6W / 10W

## Technical Specifications

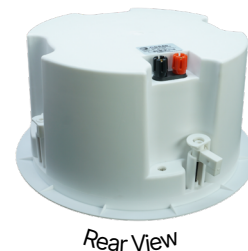
	CS606	CS515	CS516	CS343
Power rating	6W 100V line nominal (Max 10W)			
Diameter	6" (150 mm)	5" (125 mm)		4" (100 mm)
Cone type	Dual cone			
Driver impedance (Ohm)	8 Ohm			
Freq. response @ 1 kHz ± 3 dB	150 - 16 kHz	150 - 17 kHz		150 - 18 kHz
SPL @ 1W/m (1 kHz ± 3 dB)	91 dB	92 dB		90 dB
Power taps (100V line)	1.5W / 3W / 6W			3W / 6W
Primary impedance (Ohm)	6.7k / 3.3k / 1.67k Ohm			3.3k / 1.67k Ohm
Secondary impedance (Ohm)	8 Ohm			
Grille & enclosure material	Aluminium grille & metal enclosure	ABS grille & enclosure		Aluminium grille & ABS enclosure
Cutting hole diameter (D)	165 mm	145 mm	N/A	120 mm
Dimensions (diameter x height)	200 x 70 mm	175 x 95 mm	222 x 65 mm	140 x 130 mm
Net weight	780 g	620 g	660 g	850 g
Colour	White	White / Black		White

### Packing Information

	CS606	CS515 / CS515FR	CS516	CS343
Carton size	465 (L) x 430 (W) x 435 (H) mm	705 (L) x 400 (W) x 190 (H) mm	565 (L) x 430 (W) x 240 (H) mm	370 (L) x 370 (W) x 600 (H) mm
Gross weight	21.0 kg	11.30 kg (CS515)	12.40 kg	18.80 kg
Qty/carton	20 units per carton	16 units per carton	16 units per carton	16 units per carton



## Co-Axial Ceiling Speakers



### CS520

5" 20W 100V Line  
Co-Axial with Power Taps (Metal)

### CS630

6" 30W 100V Line  
Co-Axial with Power Taps (Metal)

### CS620

6" 20W 100V Line  
Co-Axial (ABS)

### CS840

8" 40W 100V Line  
Co-Axial (ABS)

**CS520** (5") and **CS630** (6") are premium co-axial ceiling speakers with aluminium grille for rust free installation metal back can for fire resistance. Its clamp-style mounting provide easy to install method. Designed for full-range sound in BGM and paging clarity with adjustable power taps, they are suitable for long-lasting performance in high-ceiling indoor spaces.

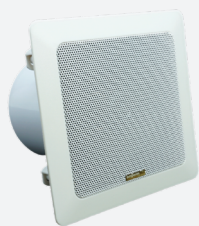
The **CS620** and **CS840** deliver professional coaxial sound without the premium price tag. Featuring 6" and 8" drivers, these speakers provide a wide frequency range for rich background music and clear announcements. With a built-in 100V transformer and easy-to-use clamp mounting, they offer a cost-effective, high-quality audio solution for large venues like banquet halls and retail spaces.

### Packing Information

	CS520	CS630
<b>Carton size</b>	500 (L) x 500 (W) x 400 (H) mm	570 (L) x 570 (W) x 400 (H) mm
<b>Gross weight</b>	18.50 kg	23.10 kg
<b>Qty/carton</b>	8 units per carton	8 units per carton

### Packing Information

	CS620	CS840
<b>Carton size</b>	565 (L) x 565 (W) x 370 (H) mm	640 (L) x 640 (W) x 395 (H) mm
<b>Gross weight</b>	23.30 kg	20.60 kg
<b>Qty/carton</b>	8 units per carton	8 units per carton



### CS518

5" 20W 100V Line Square Co-Axial Ceiling Speaker

**CS518** is a square ceiling speaker with a 5" 20W premium co-axial driver, metal baffle enclosure, and screw-clamp mounting. Ideal for spaces with recessed square ceiling designs such as offices and boutiques.

### Packing Information

<b>CS518</b>	
<b>Carton size</b>	530 (L) x 500 (W) x 410 (H) mm
<b>Gross weight</b>	19.10 kg
<b>Qty/carton</b>	8 units per carton

### Technical Specifications

	CS520	CS630	CS620	CS840	CS518
<b>Power rating</b>	20W 100V	30W 100V	20W 100V	40W 100V	20W 100V
<b>Diameter</b>	5" (125 mm)	6.5" (165 mm)	6.5" (165 mm)	8" (200 mm)	5" (125 mm)
<b>Cone type</b>	Co-axial with 1" tweeter				
<b>Driver impedance</b>	8 Ohm				
<b>Freq. response @ 1 kHz ± 3 dB</b>	100 - 18 kHz	75 - 18 kHz	80 - 18 kHz	90 - 19 kHz	100 - 18 kHz
<b>Sensitivity @ 1W/m (1 kHz ± 3 dB)</b>	86 dB	88 dB	88 dB	90 dB	85 dB
<b>Max SPL at rated output</b>	99 dB	102 dB	101 dB	106 dB	98 dB
<b>Power taps (100V line)</b>	2.5W / 5W / 10W / 20W	3.8W / 7.5W / 15W / 30W	20W 100V	40W 100V	2.5W / 5W / 10W / 20W
<b>Primary impedance (Ohm)</b>	4k / 2k / 1k / 500 Ohm	2.6k / 1.3k / 667 / 343 Ohm	500 Ohm	250 Ohm	4k / 2k / 1k / 500 Ohm
<b>Secondary impedance (Ohm)</b>	8 Ohm				
<b>Grille &amp; enclosure material</b>	Aluminium grille & Metal enclosure		Metal grille & ABS enclosure		Full Metal
<b>Cutting hole diameter (D)</b>	170 mm	185 mm	205 mm	240 mm	150 x 150 mm
<b>Physical dimensions (mm)</b>	205 (D) x 145 (H)	230 (D) x 150 (H)	240 (D) x 142 (H)	280 (D) x 142 (H)	180 (W) x 180 (H) x 135 (D)
<b>Net weight</b>	1.65 kg	2.15 kg	2.30 kg	2.10 kg	1.80 kg
<b>Colour</b>	White				



# BS506 BS508 BS410 DV410

## Dual Cone Surface Mount Speakers



**BS506**  
5" 6W 100V Line



**BS506** is a compact wall-mounted speaker featuring a 5" dual-cone driver with 1W / 3W / 6W power taps. Its durable, rust-resistant **ABS enclosure** makes it ideal for installation in high-humidity environments.

**Model Variants**

- BS506** ABS enclosure
- BS506FR** Fire-retardant (FR) ABS enclosure



**BS508**  
5" 10W 100V Line



**BS508** is a slim, surface-mount speaker featuring a 5" dual cone driver with 1W / 3W / 6W / 10W power taps. It delivers high SPL output and includes a vandal-resistant **ABS enclosure**. Ideal for BGM, paging, and EVAC.

**Model Variants**

- BS508** ABS enclosure
- BS508FR** Fire-retardant (FR) ABS enclosure



**BS410 (W/B)**  
4" 10W 100V Line

**BS410** is a unique half-moon surface mount speaker featuring 4" dual cone driver with 1W / 3W / 6W / 10W power taps. It supports vertical, horizontal, and ceiling-slabs mounting with **ABS enclosure**. Available in white and black finishes.



**DV410**  
4" 6W 100V Line

**DV410** is a classic surface-mount speaker featuring 4" dual cone driver with 1W / 3W / 6W power taps. It supports vertical, horizontal, and ceiling-slab mounting with **metal grille and ABS enclosure**.

**Technical Specifications**

	BS506	BS508	BS410	DV410
Power rating	6W 100V line	10W 100V line		6W 100V line
Diameter	5" (125 mm)		4" (100 mm)	
Cone type	Dual cone			
Driver impedance (Ohm)	8 Ohm			
Freq. response @ 1 kHz ± 3 dB	100 - 15 kHz	120 - 18 kHz	100 - 16 kHz	100 - 18 kHz
SPL @ 1W/m (1 kHz ± 3 dB)	93 dB	94 dB	92 dB	90 dB
Power taps (100V line)	1W / 3W / 6W	1W / 3W / 6W / 10W		1W / 3W / 6W
Primary impedance (Ohm)	10k / 3.3k / 1.6k Ohm	10k / 3.3k / 1.6k / 1k Ohm		10k / 3.3k / 1.6k Ohm
Secondary impedance (Ohm)	8 Ohm			
Grille & enclosure material	ABS enclosure	Aluminium grille & ABS enclosure		Metal grille & ABS enclosure
Physical dimensions (W x H x D)	172 x 195 x 105 mm	220 x 130 x 70 mm	185 x 215 x 90 mm	195 x 215 x 105 mm
Net weight	800 g	800 g	720 g	760 g
Colour	White		White / Black	White

**Packing Information**

	BS506	BS508	BS410	DV410
Carton size	550 (L) x 400 (W) x 180 (H) mm	460 (L) x 460 (W) x 320 (H) mm	565 (L) x 430 (W) x 240 (H) mm	460 (L) x 420 (W) x 410 (H) mm
Gross weight	10.0 kg	21.80 kg	9.80 kg	16.70 kg
Qty/carton	12 units per carton	24 units per carton	12 units per carton	20 units per carton



# FS650 FS338 FS425 FS640

## Full-Range Music Speakers (Foreground)



**FS650**  
6" 50W 100V Line



**FS338**  
2 x 4" 40W 100V Line

Mounting brackets  
provided in box



**FS650** is a 50W high-power premium full-range speaker with a **6" driver and tweeter**, delivering clear, rich sound with **deep bass**. It offers 5W/ 15W / 30W / 50W power taps and is ideal for commercial spaces requiring powerful audio performance.

**FS338** is a 40W **dual 4" speaker with a curved enclosure** for wider vertical coverage, with an optional 360° coverage. It features a rotary power selector from 5W to 40W, and a multi-tap transformer with 4Ω option. Ideal for BGM and paging in hypermarkets and small indoor arenas.



**FS425 (W/B)**  
4" 20W 100V Line



**FS640 (W/B)**  
6" 40W 100V Line

**FS425** is a 20W full-range speaker with a **4" PP driver and tweeter**, offering rich sound reproduction for BGM and paging. Feature adjustable rotary power tap selector and **IP65-rating**, allowing horizontally or vertically mounting in indoor or outdoor. Ideal for restaurants, hotel lobbies, pubs, and cafes.

**FS640** is a classic 40W full-range speaker with **6" PP driver and tweeter** for clear audio reproduction. Features an adjustable rotary power tap selector for flexible output settings. It can be mounted horizontally or vertically for indoor use, ideal for commercial areas such as restaurants, cafes, and retail.

### Technical Specifications

FS Series	FS650	FS338	FS425	FS640
Power rating	50W 100V line	40W 100V line	20W 100V line	40W 100V line
Diameter	6" (150 mm)	2 x 4" (100 mm)	4" (100 mm)	6" (150 mm)
Driver / Speaker type	2-Way PP speaker with 1" tweeter			
Driver impedance (Ohm)	8 Ohm			
Freq. response @ 1 kHz ± 6 dB	70 - 17 kHz	70 - 16 kHz	105 - 18 kHz	70 - 18 kHz
SPL @ 1W/m (1 kHz ± 3 dB)	90 dB	87 dB	87 dB	88 dB
Power taps (100V line)	5W / 15W / 30W / 50W	5W / 10W / 20W / 40W	10W / 20W	5W / 10W / 20W / 40W
Primary impedance (Ohm)	2k / 667 / 333 / 200 Ohm	2k / 1k / 500 / 250 Ohm	1k / 500 Ohm	2k / 1k / 500 / 250 Ohm
Secondary impedance (Ohm)	8 Ohm	4 Ohm	8 Ohm	
Grille & enclosure material	Metal grille with ABS enclosure		Aluminium grille & ABS enclosure	Metal grille & ABS enclosure
Physical dimensions (W x H x D)	230 x 200 x 340 mm	135 x 385 x 260 mm	165 x 270 x 170 mm	215 x 284 x 190 mm
Net weight	4.50 kg	3.50 kg	2.20 kg	3.70 kg
Colour	Black		White / Black	

### Packing Information

	FS650	FS338	FS425	FS640
Carton size	520 (L) x 485 (W) x 403 (H) mm	555 (L) x 295 (W) x 165 (H) mm	370 (L) x 370 (W) x 600 (H) mm	470 (L) x 430 (W) x 330 (H) mm
Gross weight	20.60 kg	7.50 kg	20.20 kg	16.50 kg
Qty/carton	4 units per carton	2 units per carton	8 units per carton	4 units per carton



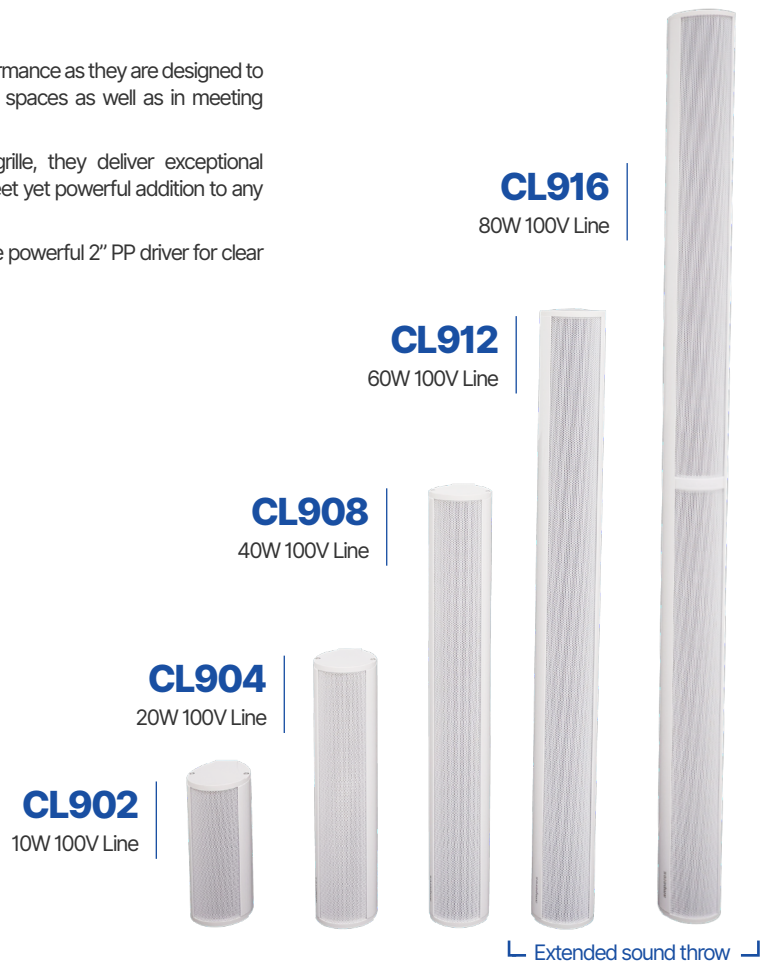
**CL900** Series column speakers serve a balance of aesthetics and performance as they are designed to provide a uniform sound dispersion across large public and commercial spaces as well as in meeting rooms, function rooms, corridors, passenger terminals etc.

Housed in a premium extruded aluminum enclosure and aluminum grille, they deliver exceptional mid-range clarity for background music and paging, making them a discreet yet powerful addition to any modern interior.

Available in 10W, 20W, 40W, 60W, and 80W 100V line variants, they feature powerful 2" PP driver for clear mid-range clarity. Available in standard white, with black upon request.

### Key Features

- **Slim design** and low profile modern look
- Powerful **2" PP drivers** for clear mid-range paging and BGM clarity
- Dual power taps
- **Aluminium** die-cast enclosure
- Rust-resistant **aluminium grille**
- **Extended sound throw** with CL912 and CL916
- **Multi-way mounting bracket** for CL902, CL904 and CL908
- **Heavy-duty metal bracket** for CL912 and CL916
- Available in black and white.



### Technical Specifications

CL900 Series	CL902	CL904	CL908	CL912	CL916
Power rating	10W 100V	20W 100V	40W 100V	60W 100V	80W 100V
Speaker components	2 x 2" PP driver	4 x 2" PP driver	8 x 2" PP driver	12 x 2" PP driver	16 x 2" PP driver
Power taps (100V line)	6W / 10W	10W / 20W	30W / 40W	50W / 60W	70W / 80W
Primary impedance (Ohm)	1.6k / 1k Ohm	1k / 500 Ohm	330 / 250 Ohm	200 / 166 Ohm	143 / 125 Ohm
SPL @ 1W/m (1 kHz ± 3 dB)	87 db		88 dB	89 dB	94 dB
Freq. response @ 1 kHz ± 3 dB	200 - 16 kHz	200 - 17 kHz	240 - 16 kHz	220 - 17 kHz	220 - 18 kHz
Physical dimensions (W x H x D)	79 x 190 x 89 mm	79 x 350 x 89 mm	79 x 567 x 89	79 x 782 x 89 mm	79 x 1128 x 89 mm
Grille & enclosure material	Aluminium grille with aluminium enclosure				
Net weight (with bracket)	1.10 kg	1.50 kg	2.50 kg	3.90 kg	5.55 kg
Colour	White (Black upon request)				

### Packing Information

	CL902	CL904	CL908
<b>Carton size</b>	240 (L) x 230 (W) x 155 (H) mm	400 (L) x 245 (W) x 155 (H) mm	605 (L) x 245 (W) x 175 (H) mm
<b>Gross weight</b>	2.70 kg	3.80 kg	6.60 kg
<b>Qty/carton</b>	2 units per carton	2 units per carton	2 units per carton
	CL912	CL916	
<b>Carton size</b>	830 (L) x 245 (W) x 170 (H) mm	1160 (L) x 240 (W) x 195 (H) mm	
<b>Gross weight</b>	10.10 kg	13.40 kg	
<b>Qty/carton</b>	2 units per carton	2 units per carton	



## Weatherproof Full-Range Column Speakers

**CL700 Series** is a range of high-performance column speakers designed for indoor and outdoor use, featuring an IP65 weather-resistant rating. Available in 40W and 80W (100V line), each model uses powerful 4" PP driver with a tweeter to deliver clear sound with strong mid-range projection — ideal for EVAC messages, announcements, and BGM.

Built with a durable aluminium enclosure and rust-resistant aluminium front grille, the CL700 Series ensures long-lasting performance. It also includes a heavy-duty universal mounting bracket with pan-and-tilt adjustment for flexible horizontal or vertical installation and optimum sound coverage.



### Key Features

- **Weatherproof** enclosure with certified IP65 rating
- Powerful **4" drivers and 1" tweeter** for clear mid-range EVAC, paging and BGM clarity
- Dual power taps
- **Aluminium** enclosure with epoxy coated
- Rust-resistant epoxy coated **aluminium grille**
- Heavy-duty metal bracket with **pan and tilt adjustment**

### Technical Specifications

CL700 Series	CL740	CL780
Power rating	40W 100V	80W 100V
Speaker components	2 x 4" PP driver + 1 tweeter	4 x 4" PP driver + 2 tweeter
Power taps (100V line)	30W / 40W	70W / 80W
Primary impedance (Ohm)	330 / 250 Ohm	143 / 125 Ohm
SPL @ 1W/m (1 kHz ± 3 dB)	88 dB	
Freq. response @ 1 kHz ± 3 dB	100 - 16 kHz	100 - 17 kHz
Dimensions (W x H x D)	130 x 310 x 140 mm	130 x 620 x 140 mm
Grille & enclosure material	Aluminium grille with aluminium enclosure	
Net weight (with bracket)	3.50 kg	6.10 kg
Colour	Standard white	
IP rating	IP65	

**CL780**  
80W 100V Line



**CL740**  
40W 100V Line



**Universal heavy duty speaker bracket**

Allows the speaker to be mounted vertically or horizontally with pan and tilt adjustment.

(Provided in box)

### Packing Information

#### CL740

**Carton size** 370 (L) x 220 (W) x 185 (H) mm  
**Gross weight** 4.10 kg  
**Qty/carton** 1 unit per carton

#### CL780

**Carton size** 680 (L) x 230 (W) x 190 (H) mm  
**Gross weight** 7.0 kg  
**Qty/carton** 1 unit per carton



# HS725 HS750 SP219 SP220 SP319 SP520

Weatherproof Clear Horn Speakers & Projection Speakers



## HS725

30W 100V Line  
Weatherproof Clear Horn Speaker



## HS750

50W 100V Line  
Weatherproof Clear Horn Speaker

### Packing Information

	HS725	HS750
<b>Carton size</b>	440 (L) x 260 (W) x 370 (H) mm	565 (L) x 405 (W) x 410 (H) mm
<b>Gross weight</b>	4.90 kg	10.0 kg
<b>Qty/carton</b>	1 units per carton	2 units per carton



## SP219

15W 100V Unidirectional  
Sound Projector  
(Aluminium Enclosure)



## SP220

20W 100V Unidirectional  
Sound Projector  
(ABS Enclosure)



## SP319

40W 100V Bidirectional  
Sound Projector  
(Aluminium Enclosure)



**NEW**  
*\*Preliminary Information*



## SP520

20W 100V Unidirectional  
Sound Projector  
(ABS Enclosure)

Engineered for superior directional clarity, the SP Series sound projectors offer a wider frequency range than standard horn speakers. They are the go-to solution for corridors, tunnels, and car parks in particular, which deliver a more projected and concise audio in void and acoustic challenging spaces.

With the IP65-certified SP220 and SP520, they provides reliable performance in any weather. SP520 is a newly added version with more contemporary looks and designed for better performance in clarity in voice and more punch in delivering music.

### Packing Information

	SP219	SP220	SP319
<b>Carton size</b>	370 (L) x 370 (W) x 600 (H) mm	550 (L) x 425 (W) x 180 (H) mm	370 (L) x 370 (W) x 600 (H) mm
<b>Gross weight</b>	17.20 kg	11.80 kg	24.30 kg
<b>Qty/carton</b>	8 units per carton	6 units per carton	8 units per carton

## Technical Specifications

	HS725	HS750	SP219	SP220	SP319	SP520*
<b>Power rating</b>	30W 100V	50W 100V	15W 100V	20W 100V	40W 100V	20W 100V
<b>Driver / Speaker components</b>	5" PP driver (125mm)			2 x 5" driver		5" PP driver
<b>Power taps (W / 100V line)</b>	3.8 / 7.5 / 15 / 30	15 / 30 / 50	7.5 / 15	7.5 / 15 / 20	20 / 40	10 / 20
<b>Primary impedance (Ohm)</b>	2.6k / 1.3k / 667 / 333	667 / 333 / 200	1.3k / 667	1.3k / 667 / 500	500 / 250	1k / 500
<b>Secondary impedance (Ohm)</b>	8 Ohm				4 Ohm	8 Ohm
<b>SPL @ 1W/m (1 kHz ± 3 dB)</b>	90 dB	98 dB	91 dB	90 dB	91 dB	92 dB
<b>Freq. response @ 1 kHz ± 3 dB</b>	100 - 10 kHz	90 - 17 kHz	130 - 15 kHz	90 - 15 kHz	150 - 18 kHz	70 - 17 kHz
<b>Physical dimensions (W x H x D)</b>	366 x 172 x 272 mm	363 x 253 x 310 mm	138 (Dia) x 192 (D) mm	140 (Dia) x 195 (D) mm	138 (Dia) x 195 (D) mm	320 (Dia) x 360 (D) mm
<b>Grille &amp; enclosure material</b>	Aluminium grille & ABS enclosure	Full ABS	Metal grille & aluminium enclosure	Aluminium grille & ABS enclosure	Metal grille & aluminium enclosure	Aluminium grille & ABS enclosure
<b>Net weight</b>	3.25 kg	3.60 kg	2.0 kg	1.60 kg	3.0 kg	1.8 kg
<b>Colour</b>	Light grey	Beige		White		White / Black

\* Preliminary information



# HS815 HS830 HS820 HS822

## Combination Horn Speakers



### HS815

8" 15W 100V  
Aluminium Flare Horn Speaker



### HS830

12" 30W 100V  
Aluminium Flare Horn Speaker



ALUMINIUM

ROUND FLARE

**HS815** (8", 15W) and **HS830** (12", 30W) are rounded aluminium flare horn speakers engineered for high-clarity, long-distance frontal wide spread audio projection.

Each unit features a rotary power tap for flexible installation and an IP65-rated weatherproof body, making them ideal for indoor or shaded outdoor environments.

These speakers provide expansive coverage for large venues, including schools, mosques, car parks, and industrial facilities.



### HS820

6" x 8" 15W 100V  
ABS Flare Horn Speaker



### HS822

11" x 8" 30W 100V  
ABS Flare Horn Speaker



ABS

RECTANGULAR FLARE

The **HS820** (15W) and **HS822** (30W) are high-performance rectangular horn speakers crafted from high-impact, IP65-rated ABS.

Unlike traditional metal models, these units offer a wider frequency response and more precise sound control, making them ideal for both indoor and outdoor environments.

Equipped with a built-in power selector switch for easy installation, they are the perfect solution for corridors, car parks, and expansive open spaces.

## Technical Specifications

HS800 Series	HS815	HS830	HS820	HS822
Power rating	15W 100V	30W 100V	15W 100V	30W 100V
Power taps (W / 100V line)	1 / 3 / 5 / 10 / 15	3 / 5 / 10 / 15 / 30	1 / 3 / 5 / 10 / 15	3 / 5 / 10 / 15 / 30
Primary impedance (Ohm)	10k / 3.3k / 2k / 1k / 670	3.3k / 2k / 1k / 670 / 330	10k / 3.3k / 2k / 1k / 670	3.3k / 2k / 1k / 670 / 330
Secondary impedance (Ohm)	8 Ohm			
Freq. response @ 1 kHz ± 3 dB	350 - 7 kHz	400 - 7 kHz	250 - 8 kHz	400 - 8 kHz
SPL @ 1W/m (1 kHz ± 3 dB)	103 dB	110 dB	105 dB	
Horizontal dispersion (1 kHz ± 6 dB)	110°	70°	90°	
Flare material	Aluminium		ABS	
Flare dimension	8" round	12" round	220 (W) x 160 (H) mm	285 (W) x 205 (H) mm
Driver enclosure material	ABS enclosure			
Physical dimensions	210 (Dia) x 240 (H) mm	310 (Dia) x 345 (H) mm	222 (W) x 162 (H) x 232 (D) mm	293 (W) x 212 (H) x 290 (D) mm
Net weight	1.40 kg	2.40 kg	1.50 kg	2.15 kg
Colour	Beige		White cream	

## Packing Information

	HS815	HS830	HS820	HS822
Carton size	680 (L) x 475 (W) x 520 (H) mm	655 (L) x 655 (W) x 380 (H) mm	550 (L) x 480 (W) x 520 (H) mm	535 (L) x 320 (W) x 650 (H) mm
Gross weight	20.50 kg	13.20 kg	21.10 kg	20.20 kg
Qty/carton	12 units per carton	4 units per carton	12 units per carton	8 units per carton





### HS810

14" 50W 100V / 100W 8 Ohm Clear Horn Speaker



The **HS810** is a high-power horn speaker engineered for clear, long-range audio projection. Featuring a 14" aluminum flare and powered by powerful driver, it delivers superior sound quality and focused coverage as compared to other standard horns.

Power options are available with selectable taps (50W, 25W, 12.5W) or 100W at 8Ω. With its IP65 weatherproof rating, the HS810 is built to excel in demanding environments like beaches, highways, and industrial sites and mosques.



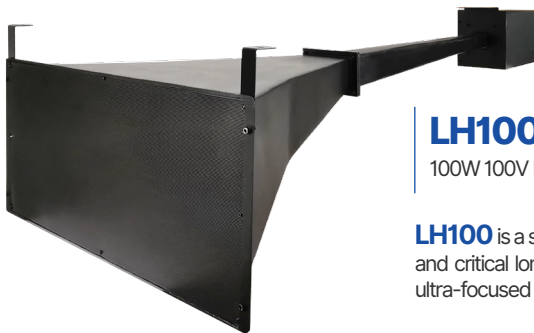
### HS880

20" 80W 100V High Power Horn Speaker



**HS880** is a high-performance 80W medium to long-throw horn speaker engineered to project powerful, clear voice audio over vast distances. Featuring a massive 20" rounded aluminum flare, it ensures controlled sound dispersion with minimal distortion.

The unit is driven by a detachable driver with a standard 1-3/8" threaded throat and adjustable power taps for loudness controls. With an IP65 weatherproof rating, the HS880 is the ultimate solution for mosques, schools, parks, and large-scale emergency PA systems.



### LH100

100W 100V Long Throw Tunnel Horn Speaker



Specialized for tunnels

**LH100** is a special built 100W/100V long-throw horn speaker, precision-engineered for tunnel EVAC systems and critical long-distance announcements. Designed to combat high-reverberation environments, it delivers ultra-focused audio while significantly minimizing echo.

Its high-impact, fire-retardant fiberglass body, frontal enclosed flare and industrial-grade rustproof brackets ensure peak performance in the most punishing conditions. With an IP54 rating, the LH100 provides a resilient, life-safety audio solution for tunnels and other similar applications.

## Technical Specifications

	HS810	HS880	LH100
Power rating	50W 100V line / 100W 8 Ohm	80W 100V line	100W 100V line
Power taps (W / 100V line)	12.5 / 25 / 50	20 / 40 / 60 / 80	50 / 75 / 100
Driver / Speaker type	4" Woofer + 1" HF	Detachable driver with 1 3/8" thread	
Primary impedance (Ohm)	800 / 400 / 200 Ohm	500 / 250 / 160 / 125 Ohm	200 / 133 / 100 Ohm
Secondary impedance (Ohm)	8 Ohm	16 Ohm	
Freq. response @ 1 kHz ± 6 dB	200 Hz - 8 kHz	160 Hz - 6 kHz	350 Hz - 7 kHz
SPL @ 1W/m (1 kHz ± 3 dB)	103 dB	110 dB	115 dB
Max SPL	120 dB	129 dB	135 dB
Horizontal dispersion (1 kHz)	70°		56°
Vertical dispersion (1 kHz)	70°		25° (Top) ; 60° (Bottom)
Flare & bracket material	Aluminium		FR-rated fiberglass & aluminium and stainless steel
Flare dimension	14" round flare	20" round flare	730 (L) x 385 (H)
Mounting	Wall / Ceiling mount		Ceiling mount
Overall size with bracket	360 (Dia) x 465 (H) mm	504 (Dia) x 335 (H) mm	730 (W) x 385 (H) x 1565 (D) mm
Net weight	3.75 kg (Including driver)	4.0 kg (Including driver)	13.60 kg (Including driver)
Colour	Beige		Black
IP rating	IP65		IP54



Kindly refer to website for details.



## Outdoor Long Throw Horn Speaker

**LH201** is a powerful long-throw horn speaker with a **21" round flare** and a **100W 100V driver** for clear, wide sound projection.

Built with a solid **aluminium** housing, stainless steel fasteners, and powder-coated brackets, it is designed to withstand harsh outdoor conditions. Ideal for warning systems in beaches, industrial plants, ports, shipyards, mosques, and other areas requiring long-range sound coverage.

**Optional dual-driver (dual throat) mounting** with a 2-way connector, supporting higher intensity projection up to 200W at 100V.



**Optional Dual Throat for Dual Driver Mounting**

2-way connector for 200W 100V output

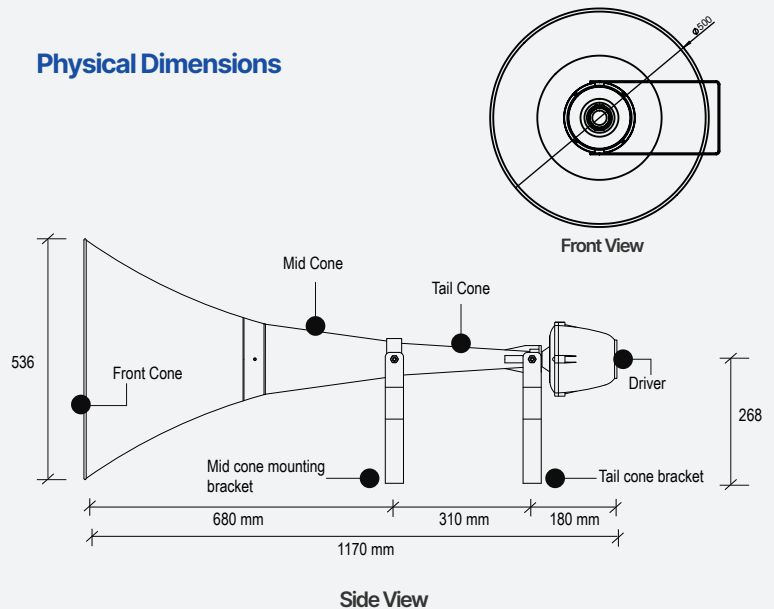
### Key Features

- 21" round flare design, with a **single 100W 100V driver**
- **IP54-rated** weatherproof design with epoxy-coated steel body and brackets, plus stainless steel fasteners
- Integrated **matching auto transformer** for efficient power distribution
- Optional dual-driver mounting supports up to 200W at 100V
- High-performance **strontium ferrite magnet** for stronger sound projection
- Engineered for clear voice announcements and siren alerts

### Technical Specifications

Power rating	100W 100V line
Power taps (100V line)	50W / 75W / 100W
Max power	120W 100V line
Driver	1 3/8" thread driver (detachable)
Primary impedance (Ohm)	200 / 133 / 100 Ohm
Secondary impedance (Ohm)	16 Ohm
SPL @ 1W/m ( $\pm 3$ dB), 1 kHz	110 dB
Max SPL	130 dB
Operating temperature	-20°C to 55°C
Flare material	Aluminium
Flare dimension	21" round flare
Bracket material	Steel with power epoxy coating
Driver connector material	Aluminium die cast (optional)
Overall size with bracket	536 (dia) x 1170 mm
Net weight	5.40 kg (Excluding driver) 8.40 kg (Including single driver)
Colour	Beige
IP rating	IP65

### Physical Dimensions



### Packing Information

#### Carton 1 - Front flares / cones

**Carton size** 555 (L) x 555 (W) x 625 (H) mm  
**Gross weight** 16.0 kg (1.75kg /each cone)  
**Qty/carton** 8 units per carton

#### Carton 3 - 100W 100V Driver

**Carton size** 155 (L) x 185 (W) x 155 (H) mm  
**Gross weight** 3.15 kg  
**Qty/carton** 1 unit per carton

#### Carton 2 - Brackets, cones, and fasteners

**Carton size** 340 (L) x 250 (W) x 185 (H) mm  
**Gross weight** 3.65 kg  
*Kindly refer to Instruction Manual for details*

**Note:** Due to its large size, the speaker is supplied in disassembled parts. Assembly is required according to the instructions in the manual.



### PS520

20W 100V Pendant Ball Speaker

**NEW**

*\*Preliminary Information*

**PS520** is newly created pendant speakers featuring high quality 5" driver with 20W 100V rating, intended for high quality speech and music reproduction. It blends aesthetically to the environment of high ceiling where normal recessed ceiling speakers cannot be installed.

It is designed to be more focused in its coverage with option for 10 or 20W output. Ideal for open ceiling restaurants, warehouses, etc.

#### Key Features

- **5" full-range driver speaker** with 20W 100V line rating
- **Adjustable power taps:** 10W, 20W (100V line)
- Includes a **safety cable** for secure installation



### PS820

20W 100V Pendant Ball Speaker

**PS820** pendant speaker is a solution for high ceiling speaker installation such as showroom, warehouse, hypermarket or whichever areas with open ceiling retail outlets. Its 360 degree sound dispersion ensures every corner is covered. For smaller zone, it power can be tapped at 5 or 10W to suit the environment.

#### Key Features

- **8" full-range driver speaker** with 20W 100V line rating
- **360°** sound coverage
- **Adjustable power taps:** 5W, 10W, 20W (100V line) for flexible installation
- Includes a **safety cable** for secure installation



### SG320

20W 100V Outdoor Garden Speaker



**SG320** is an IP65-rated speaker built to thrive in parks, gardens, and poolside environments. This durable unit offers immersive 360° sound coverage with a 20W output and a selectable 10W power tap for versatility. Designed to be as discreet as it is tough, its green enclosure allows it to blend naturally into the landscape, providing high-quality invincible audio source.

#### Key Features

- **IP65-rated** for superior weather resistance
- **20W 100V** line rating / full-range driver speaker with optional 10W tap
- **360°** sound coverage
- Durable **ABS materials** to withstand harsh outdoor conditions

#### Technical Specifications

	PS520*	PS820	SG320
Power rating	20W 100V		
Speaker type & diameter	5" (125 mm)	Co-axial / 8" (200 mm)	Co-axial / 5" (125 mm)
Power taps (100V line)	10W / 20W	5W / 10W / 20W	10W / 20W
Primary impedance (Ohm)	1k / 500 Ohm	2k / 1k / 500 Ohm	1k / 500 Ohm
SPL @ 1W/m (1 kHz ± 3 dB)	92 dB	91 dB	84 dB
Freq. response @ 1 kHz ± 3 dB	70 Hz - 17 kHz	80 Hz - 18 kHz	70 Hz - 16 kHz
Physical dimensions	260 (dia) x 180 (H) mm	254 (dia) mm	320 (dia) x 360 (H) mm
Enclosure material	Alum. Grille / ABS	ABS	
Net weight	1.50 kg	2.30 kg	3.80 kg
Colour	White / Black	White	Green

\* Preliminary information

#### Packing Information

##### PS820

<b>Carton size</b>	320 (L) x 320 (W) x 305 (H) mm
<b>Gross weight</b>	3.10 kg
<b>Qty/carton</b>	1 unit per carton

##### SG320

<b>Carton size</b>	340 (L) x 350 (W) x 400 (H) mm
<b>Gross weight</b>	4.60 kg
<b>Qty/carton</b>	1 unit per carton



**① INTRODUCTION** Amperes offers **EN54-24 certified speakers** in box, ceiling, and horn types. Built for fire safety, they come with fire-resistant enclosures, ceramic connectors, and thermal fuses for protection.



**BS508FR-E**  
5" 10W 100V  
Surface Mount Speaker  
with FR Enclosure



**CS606FR-E**  
6" 6W 100V Dual Cone  
Ceiling Speaker with  
FR Metal Enclosure



**BS508FR-E** is a specialized 10W box speaker engineered for mission-critical emergency PA systems. Designed with a fire-retardant ABS enclosure and high-durability aluminum grille, it features essential safety components including ceramic terminals and a thermal fuse. Its anti-vandal mounting system makes it the definitive choice for high-traffic public areas where safety and security are paramount.

**CS606FR-E** is a 6" dual-cone ceiling speaker with a fire-retardant (FR) metal enclosure and epoxy-coated aluminium grille for durability. It provides 1.5W, 3W, and 6W power taps on a 100V line. With ceramic terminals and a thermal fuse for safety protection are provided in compliance with EN54-24 standards. It is suitable for places where safety standard to EVAC announcement is vital.

**↑↑↑ Packing Information**  
**BS508FR-E**  
Carton size 460 (L) x 460 (W) x 320 (H) mm  
Gross weight 21.80 kg  
Qty/carton 24 units per carton

**↑↑↑ Packing Information**  
**CS606FR-E**  
Carton size 520 (L) x 500 (W) x 400 (H) mm  
Gross weight 13.40 kg  
Qty/carton 8 units per carton



**EX-HS830-E**  
30W 100V Explosion Proof Horn Speaker



**EX-HS830-E** is a premium 30W explosion-proof horn speaker built with a flame-retardant design and a rugged, rounded aluminum flare, to deliver uncompromising audio clarity in high-risk industrial and offshore sites.

With an IP65 rating, it provides total protection against dust and high-pressure water, ensuring reliable performance where safety is the only priority.

**↑↑↑ Packing Information**  
**EX-HS830-E**  
Carton size 390 (L) x 390 (W) x 530 (H) mm  
Gross weight 15.40 kg  
Qty/carton 8 units per carton

### Technical Specifications

	BS508FR-E	CS606FR-E		EX-HS830-E
Power rating	10W 100V	6W 100V	Power rating	30W 100V
Speaker type	Dual cone (5" driver)	Dual cone (6" driver)	Power taps(100V line)	30W
Impedance	8 Ohm		Freq. response @ 1 kHz ± 3 dB	300 Hz - 5 kHz
Freq. response @ 1 kHz ± 3 dB	120 Hz - 18 kHz	150 Hz - 16 kHz	SPL @ 1W/m (1 kHz ± 3 dB)	105 dB
SPL @ 1W/m (1 kHz ± 3 dB)	94 dB	89 dB	Impedance	333 Ohm
Power taps (100V line)	1W/ 3W / 6W / 10W	1.5W / 3W / 6W	Flare material	Aluminium
Primary impedance (Ohm)	10k / 3.3k / 1.6k / 1k	1.7k / 3.3k / 6.7k	Driver enclosure material	FR-rated metal
Secondary impedance (Ohm)	8 Ohm		Dimensions (W x H x D)	180 x 230 x 130 mm
Grille & enclosure material	Aluminium grille & ABS enclosure	Aluminium grille & FR Metal enclosure	Net weight	1.65 kg
Connection & protection	Ceramic terminals / Thermal fuse protection		Colour	Red
Dimensions (W x H x D)	220 x 130 x 70 mm	200 x 94 mm (Incl. hook 119mm)		
Net weight	720 g	1.52 kg		
Colour	White	White & Red		



Complete your PA installation with a range of rack-mounting and interfacing accessories

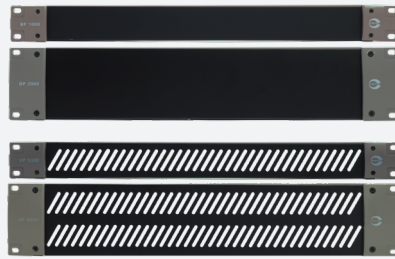
## Back Enclosures



These 50mm deep back enclosures are designed for volume controllers and patch panels. Available in ABS plastic or metal for both concealed and surface-mount installations

- EC7012:** 70 x 120mm Conceal Box (Metal)
- ES7012:** 70 x 120mm Surface Mounting Box (Metal)
- EA9090:** 86 x 86mm Conceal Mounting Box (ABS)
- ES9090:** 86 x 86mm Surface Mounting Box (Metal)
- ES8787:** 86 x 86mm Surface Mounting Box (ABS) NEW

## Rack Panels



Featuring an engraved Amperes logo and a sleek black powder-coated finish, these panels provide a consistent, professional appearance. Available in 1HU and 2HU sizes.

- BP1000:** 1HU Blank Panel
  - BP2000:** 2HU Blank Panel
  - VP1000:** 1HU Vent Panel
  - VP2000:** 2HU Vent Panel
- Standard Color: Black

## XLR Patch Panels (Mic Panels)



Provides clean XLR connectivity for rack and wall installations. Choose from 5 or 10-way rack-mount versions or wall plates with single or dual Neutrik connectors.

- MR5000N:** Rack Mount 5-Inlet Female XLR
- MR1000N:** Rack Mount 10-Inlet Female XLR
- MP1000N:** Single Inlet Female XLR Panel
- MP2000N:** Double Inlet Female XLR Panel

## (UNIKOR) MxVolta SLA Battery



Provides reliable backup power during AC outages. Sold as 24V blocks (comprising 2 x 12V units); optimized for use with the Amperes BC9740 charger.

- VT1226:** 12V 26Ah SLA Batteries
- VT1240:** 12V 40Ah SLA Batteries
- VT1265:** 12V 65Ah SLA Batteries
- VT12100:** 12V 100Ah SLA Batteries

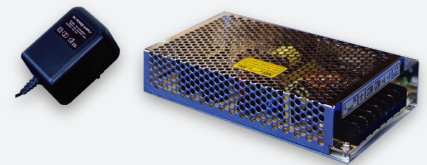
## Surge Arresters (100V Line)



Shields outdoor speaker lines from voltage surges to ensure safe, reliable operation. Features a 175V RMS peak clamping voltage to protect horn speakers and connected external devices.

- HP175VL:** 175V Peak Surge Arrester

## Power Supply Adapters



A regulated 24V DC power supply module designed for stable and reliable performance. Ideal for powering individual devices or as a replacement component in PA systems.

- PS1205:** 12V 0.5A AC/DC Power Adapter
- PS2405:** 24V 0.3A AC/DC Power Adapter
- PS2410:** 24V 1A AC/DC Power Adapter NEW
- PS9000:** 24V DC 5A Switching Power Module (for PS9400)

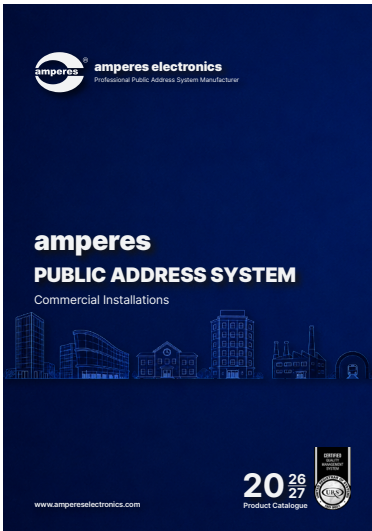


## Fiber Optic Converters

Extend IP paging over long distances with minimal signal loss by converting LAN to fiber. Available in single-mode or multi-mode configurations with single or dual-core transceivers.

- HTB110S:** Single-mode with SC Connectors
- HTB114S:** Single-mode with 4-Way Switch
- HTBGS-03:** Single-mode 10/100/1000 Base-T





## 2026/2027 Product Catalogue Public Address System

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