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TAIDEN®

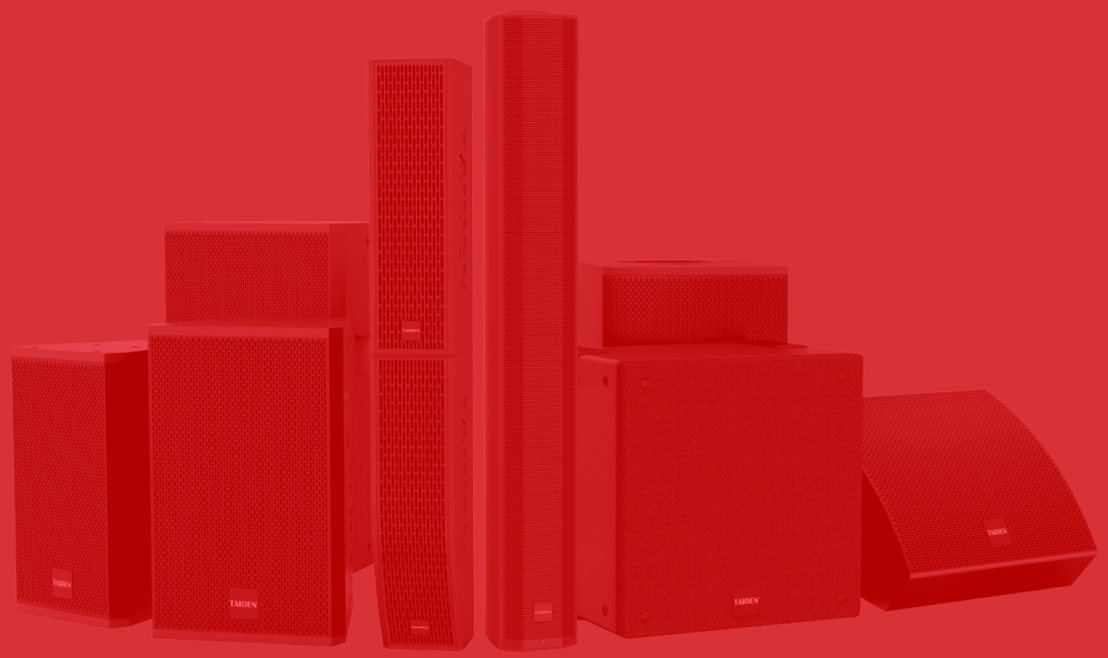
Excellent conferencing solutions

Professional Conference Sound Reinforcement System

CONTENTS

01 Loudspeaker

02 Digital Audio Power Amplifier



01

Loudspeaker

HCL-404
4 Units Two-way Column Loudspeaker

Overview

The two-way single-drive full-range column speaker comes with 4×4" midrange units and 12×0.75" tweeters. Three tweeters form a linear tweeter sub-array in combination with a coaxial transducer and a midrange unit allowing smoother off-axis response. 15° fixed vertical coverage and accurate pointing reduce acoustic reflections and optimize speech intelligibility.

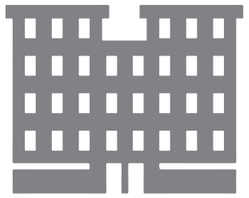
It can meet the needs of a conference sound reinforcement in small to medium-sized conference rooms. When combined with a woofer, the system gains a greater dynamic range and fulfills the sound reinforcement requirements for audio and video programs.

Features

- 15° vertical direction
- Two-way column loudspeaker
- Composite carbon fiber units
- Can be combined with HCL-404J

Applications

Small and Medium Meeting Rooms



Multifunction Halls

Hotels

Restaurants

Specifications

Item	Parameter
Frequency Range	80Hz-20kHz (±3dB) / 60Hz-25kHz (-10dB)
Sensitivity	100dB
Nominal Impedance	8 Ohm
Rated Power	200W (AES)
Midrange Unit	4 × 4" complex carbon fiber diaphragm midrange units
Tweeter	12 × 0.75" nano carbon fiber diaphragm tweeters
Coverage Pattern - Nominal Coverage	100° (H) × 15° (V)
Max SPL	123dB SPL, 129dB SPL peak
Input Interface	2 × Phoenix 2pin
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	450 × 130 × 180mm
Weight	5.2kg

HCL-404J
4 Units Two-way Column Loudspeaker

Overview

The two-way single-drive full-range column speaker comes with 4×4" midrange units and 12×0.75" tweeters. Three tweeters form a linear tweeter sub-array in combination with a coaxial transducer and a midrange unit allowing smoother off-axis response. 40° fixed vertical coverage and wider coverage optimized sound field uniformity.

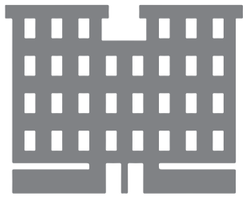
It can meet the needs of a conference sound reinforcement in small to medium-sized conference rooms. When combined with a woofer, the system gains greater dynamic range and fulfills the sound reinforcement requirements for audio and video programs.

Features

- 40° vertical direction
- Two-way column loudspeaker
- Composite carbon fiber units
- Can be combined with HCL-404

Applications

Small and Medium Meeting Rooms



Multifunction Halls

Hotels

Restaurants

Specifications

Item	Parameter
Frequency Range	80Hz-20kHz (±3dB) / 60Hz-25kHz (-10dB)
Sensitivity	98dB
Nominal Impedance	8 Ohm
Rated Power	200W (AES)
Midrange Unit	4 × 4" complex carbon fiber diaphragm midrange units
Tweeter	12 × 0.75" nano carbon fiber diaphragm tweeters
Coverage Pattern - Nominal Coverage	100° (H) × 40° (V) (+15°/-25°)
Max SPL	121dB SPL, 127dB SPL peak
Input Interface	Phoenix 2pin
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	475 × 130 × 180 / 97mm
Weight	4.9kg

HCL-804A
8 Units Two-way Directivity Controllable Column Loudspeaker

Overview

Two-way directivity controllable column loudspeaker comes with 8×4" midrange units and 24×0.75" tweeters. Built-in multi-channel DSP engine and high-performance class D digital amplifier can control each individual array element with high precision in a programmable manner. It can be decomposed into two independent beams for control and adjustment, providing simultaneous input of analog audio and AES/EBU digital audio signals to achieve hot backup. Loudspeaker setting and monitoring are all carried out via standard Ethernet, which is efficient and convenient.

When combined with a woofer, the system fulfills the sound reinforcement requirements of presenting PPT and video programs.

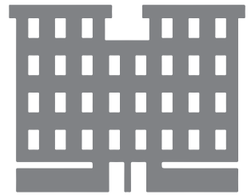
Features

- Vertical pointing angle and width adjustable
- Dual beam adjustable
- Independent switch for beam sidelobe suppression
- Beam center point adjustable
- AES/EBU and analog dual signal input with hot backup

Applications

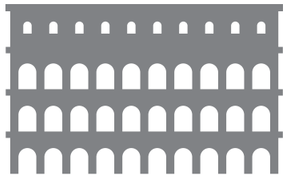
Hotels

Small and Medium Meeting Rooms



Multifunction Halls

Lecture Halls



Large Meeting Rooms

Ballroom

Specifications

Item	Parameter
Frequency Range	100Hz-20kHz (±3dB) / 80Hz-22kHz (-10dB)
Sensitivity	103dB
Rated Power	400W
Max SPL	129dB SPL, 135dB SPL peak
Midrange Unit	8 × 4" complex carbon fiber diaphragm midrange units
Tweeter	24 × 0.75" nano carbon fiber diaphragm tweeters
Horizontal Coverage Pattern	100°
Vertical Coverage Pattern	-45°~ + 45° (accuracy of 0.1 degree)
Beam Control	2 solely adjustable beams with adjustable center point
Beam Width	12°~90°
Coverage Area	3m~30m
AD & DA	24bit-96kHz
Control Interface	RJ45
Input	An AES/EBU input, an analogy input
Power Supply	220V / 50Hz Powercon
Enclosure Material	Aluminum + surface coating
Dimensions (H × W × D)	1000 × 131 × 158mm
Weight	18kg

HSP-210B
Dual 10-inch Woofer

Overview

It is composed of 2×10" long-throw double-magnetic woofers. The direct structure design ensures a high degree of sound reproduction and transient response. The strengthened box structure and optimal wind resistance design allow it to have a very low f0.

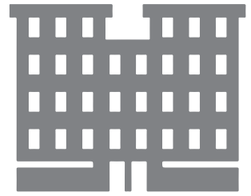
Features

- Long-throw double-magnetic woofers

Applications

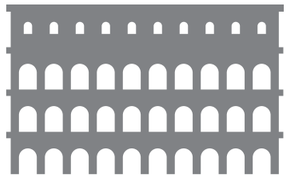
Hotels

Small and Medium Meeting Rooms

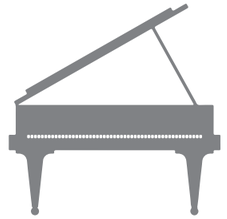


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	40Hz-300Hz (±3dB) / 35Hz-400Hz (-10dB)
Sensitivity	104dB
Nominal Impedance	4 Ohm
Rated Power	800W
Woofer	2 × 10" long-throw double-magnetic woofers
Max SPL	133dB SPL, 139dB SPL peak
Input Interface	1 × Speakon
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	590 × 350 × 500mm
Weight	25kg

HSP-210BA
Dual 10-inch Powered Woofer

Overview

It is composed of 2×10" long-throw double-magnetic woofers. The direct structure design ensures a high degree of sound reproduction and transient response. The strengthened box structure and optimal wind resistance design allow it to have a very low f0.

The built-in 2-in and 4-out DSP processing module and dual-channel power amplifier module can provide continuous and stable power output for extended full-range speakers and achieve overall sound reinforcement. The DSP module can set a variety of working modes with one key to switch and plug and play.

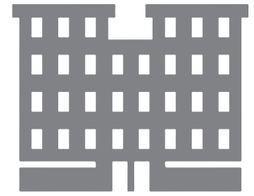
Features

- Long-throw double-magnetic woofers
- DSP adjustable
- Support DANTE (customizable)

Applications

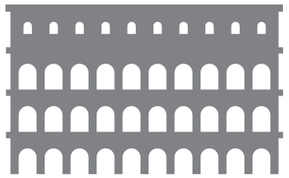
Hotels

Small and Medium Meeting Rooms

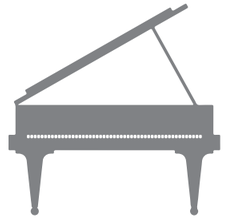


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Power Amplifier		Loudspeaker	
THD+N	(THD 1kHz,-10dB / 4Ohms) <0.2%	**Frequency Range**	40Hz-300Hz (±3dB) / 35Hz-400Hz (-10dB)
Frequency Response	10Hz to 20kHz, ±1dB	**Sensitivity**	104dB
Input Impedance	20k / 10k	**Nominal Impedance**	4 Ohm
SNR	>100dB	**Rated Power**	800W
Crosstalk Suppression	>70dB	**Woofer**	2 × 10" long-throw double-magnetic woofers
Damping Coefficient	>300	**Max SPL**	133dB SPL, 139dB SPL peak
Total Output Power	2000W / 4 Ohm	**Input Interface**	2 × XLR (balanced)
Amplifier Output Stage	Class D	**Output Interface**	2 × XLR (balanced), 1 × Speakon
Power Supply	220V / 50Hz Powercon	**Enclosure Material**	Birch + black polyurea finish
		Dimensions (H×W×D)	590 × 350 × 500mm
		Weight	25kg

HSP-108
8-inch Two-way Loudspeaker

Overview

It is composed of 1×8" woofer and 1×2" tweeter. Loaded by PWH-Planar Waveguide Horn technology, its 50°~100° gradient horizontal coverage and 60° vertical coverage with rotatable horn make the sound pressure and frequency response more uniform in the coverage area.

At the same time, it is equipped with the CRC-Cylindrical-wave front Radial Coupling technology, which effectively improves the transmission and coupling efficiency, transmission distance and the sound quality, and also reduces the interference between each horn.

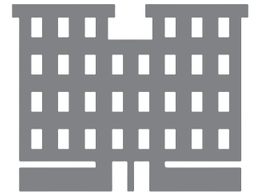
Features

- Composite carbon fiber diaphragm + nano carbon fiber diaphragm
- Gradient rotatable pointing horn

Applications

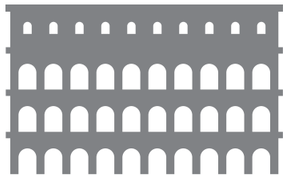
Hotels

Small and Medium Meeting Rooms

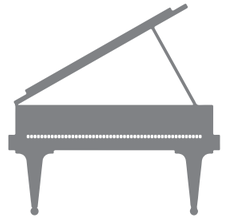


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	70Hz-20kHz (±3dB) / 50Hz-25kHz (-10dB)
Sensitivity	96dB
Nominal Impedance	8 Ohm
Rated Power	200W (AES)
Woofer	1 × 8" complex carbon fiber diaphragm woofer
Tweeter	1 × 2" nano carbon fiber diaphragm tweeter
Coverage Pattern	50°-100° (H) gradient × 60° (V) asymmetric, rotatable horn
Max SPL	119dB SPL, 125dB SPL peak
Input Interface	2 × Speakon
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	460 × 265 × 250mm
Weight	11.5kg

HSP-108A
8-inch Two-way Powered Loudspeaker

Overview

It is composed of 1×8" woofer and 1×2" tweeter. Loaded by PWH-Planar Waveguide Horn technology, its 50°~100° gradient horizontal coverage and 60° vertical coverage with rotatable horn make the sound pressure and frequency response more uniform in the coverage area.

At the same time, it is equipped with the CRC-Cylindrical-wave front Radial Coupling technology, which effectively improves the transmission and coupling efficiency, transmission distance and the sound quality, and also reduces the interference between each horn.

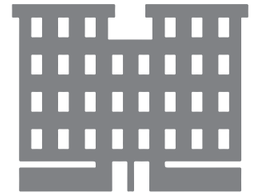
Features

- Composite carbon fiber diaphragm + nano carbon fiber diaphragm
- Gradient rotatable pointing horn
- Adjustable DSP with FIR algorithm

Applications

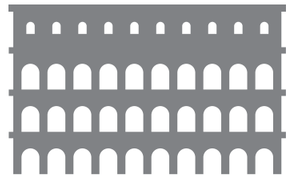
Hotels

Small and Medium Meeting Rooms

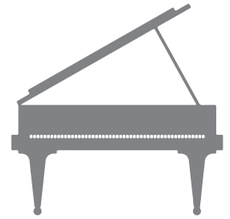


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Power Amplifier		Loudspeaker	
Amplifier Output Stage	Class D+ Class AB	**Frequency Range**	70Hz-20kHz (±3dB) / 50Hz-20kHz (-10dB)
Input Interface	2 × XLR	**Sensitivity**	96dB
Output Interface	XLR	**Nominal Impedance**	8 Ohm
Total Output Power	600W	**Rated Power**	200W (AES)
THD+N	(THD 1kHz, -10dB / 4Ohms)<0.2%	**Woofer**	1 × 8" complex carbon fiber diaphragm woofer
Power Supply	220V / 50Hz Powercon	**Tweeter**	1 × 2" nano carbon fiber diaphragm tweeter
		Coverage Pattern	50°-100° (H) gradient × 60° (V) asymmetric, rotatable horn
		Max SPL	119dB SPL, 125dB SPL peak
		Enclosure Material	Birch + black polyurea finish
		Dimensions (H×W×D)	460 × 265 × 250mm
		Weight	11.5kg

HSP-110
10-inch Two-way Loudspeaker

Overview

It is composed of 1×10" woofer and 1×2" tweeter. Loaded by PWH-Planar Waveguide Horn technology, its 50°~100° gradient horizontal coverage and 60° vertical coverage with rotatable horn make the sound pressure and frequency response more uniform in the coverage area.

At the same time, it is equipped with the CRC-Cylindrical-wave front Radial Coupling technology, which effectively improves the transmission and coupling efficiency, transmission distance and the sound quality, and also reduces the interference between each horn.

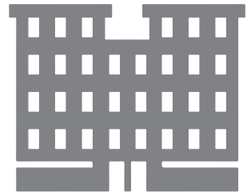
Features

- Composite carbon fiber diaphragm + nano carbon fiber diaphragm
- Gradient rotatable pointing horn

Applications

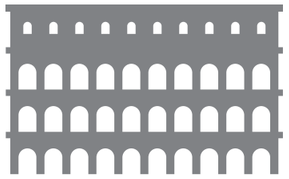
Hotels

Small and Medium Meeting Rooms

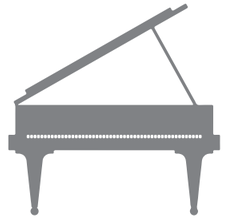


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	60Hz-20kHz (±3dB) / 50Hz-25kHz (-10dB)
Sensitivity	98dB
Nominal Impedance	8 Ohm
Rated Power	300W (AES)
Woofer	1 × 10" complex carbon fiber diaphragm woofer
Tweeter	1 × 2" nano carbon fiber diaphragm tweeter
Coverage Pattern	50°-100° (H) gradient × 60° (V) asymmetric, rotatable horn
Max SPL	123dB SPL, 129dB SPL peak
Input Interface	2 × Speakon
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	510 × 330 × 300mm
Weight	15kg

HSP-110A
10-inch Two-way Powered Loudspeaker

Overview

It is composed of 1×10" woofer and 1×2" tweeter. Loaded by PWH-Planar Waveguide Horn technology, its 50°~100° gradient horizontal coverage and 60° vertical coverage with rotatable horn make the sound pressure and frequency response more uniform in the coverage area.

At the same time, it is equipped with the CRC-Cylindrical-wave front Radial Coupling technology, which effectively improves the transmission and coupling efficiency, transmission distance and the sound quality, and also reduces the interference between each horn.

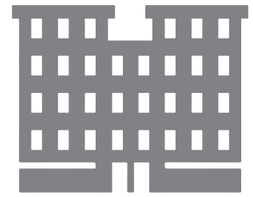
Features

- Composite carbon fiber diaphragm + nano carbon fiber diaphragm
- Gradient rotatable pointing horn
- Adjustable DSP with FIR algorithm

Applications

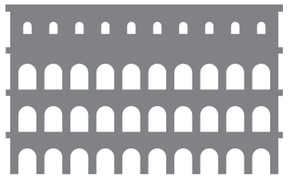
Hotels

Small and Medium Meeting Rooms



Multifunction Halls

Lecture Halls



Large Meeting Rooms

Ballroom

Specifications

Power Amplifier		Loudspeaker	
Amplifier Output Stage	Class D+ Class AB	**Frequency Range**	60Hz-20kHz (±3dB) / 50Hz-20kHz (-10dB)
Input Interface	2 × XLR	**Sensitivity**	98dB
Output Interface	XLR	**Nominal Impedance**	8 Ohm
Total Output Power	600W	**Rated Power**	300W (AES)
THD+N	(THD 1kHz, -10dB / 4Ohms)<0.2%	**Woofer**	1 × 10□complex carbon fiber diaphragm woofer
Power Supply	220V / 50Hz Powercon	**Tweeter**	1 × 2□nano carbon fiber diaphragm tweeter
		Coverage Pattern	50°-100° (H) gradient × 60° (V) asymmetric, rotatable horn
		Max SPL	123dB SPL, 129dB SPL peak
		Enclosure Material	Birch + black polyurea finish
		Dimensions (H×W×D)	510 × 330 × 300mm
		Weight	15kg

HSP-112
12-inch Two-way Loudspeaker

Overview

It is composed of 1×12" woofer and 1×3" tweeter. Loaded by PWH-Planar Waveguide Horn technology, its 50°~100° gradient horizontal coverage and 60° vertical coverage with rotatable horn make the sound pressure and frequency response more uniform in the coverage area.

At the same time, it is equipped with the CRC-Cylindrical-wave front Radial Coupling technology, which effectively improves the transmission and coupling efficiency, transmission distance and the sound quality, and also reduces the interference between each horn.

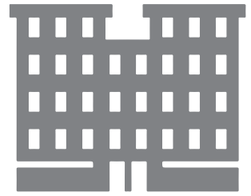
Features

- Composite carbon fiber diaphragm + nano carbon fiber diaphragm
- Gradient rotatable pointing horn

Applications

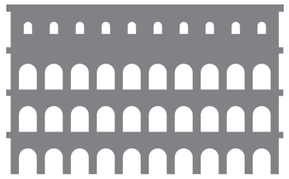
Hotels

Small and Medium Meeting Rooms

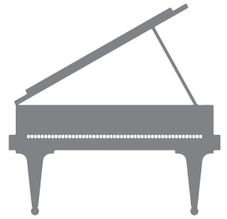


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	50Hz-20kHz (±3dB) / 45Hz-22kHz (-10dB)
Sensitivity	99dB
Nominal Impedance	8 Ohm
Rated Power	400W (AES)
Woofer	1 × 12" complex carbon fiber diaphragm woofer
Tweeter	1 × 3" nano carbon fiber diaphragm tweeter
Coverage Pattern	50°-100° (H) gradient × 60° (V) asymmetric, rotatable horn
Max SPL	125dB SPL, 131dB SPL peak
Input Interface	2 × Speakon
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	670 × 405 × 380mm
Weight	22.5kg

HSP-112A
12-inch Two-way Powered Loudspeaker

Overview

It is composed of 1×12" woofer and 1×3" tweeter. Loaded by PWH-Planar Waveguide Horn technology, its 50°~100° gradient horizontal coverage and 60° vertical coverage with rotatable horn make the sound pressure and frequency response more uniform in the coverage area.

At the same time, it is equipped with the CRC-Cylindrical-wave front Radial Coupling technology, which effectively improves the transmission and coupling efficiency, transmission distance and the sound quality, and also reduces the interference between each horn.

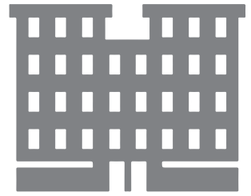
Features

- Composite carbon fiber diaphragm + nano carbon fiber diaphragm
- Gradient rotatable pointing horn
- Adjustable DSP with FIR algorithm

Applications

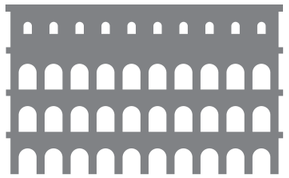
Hotels

Small and Medium Meeting Rooms

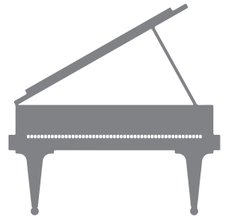


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Power Amplifier		Loudspeaker	
Amplifier Output Stage	Class D+ Class AB	**Frequency Range**	40Hz-20kHz (±3dB) / 30Hz-20kHz (-10dB)
Input Interface	2 × XLR	**Sensitivity**	100dB
Output Interface	XLR	**Nominal Impedance**	8 Ohm
Total Output Power	600W	**Rated Power**	400W (AES)
THD+N	(THD 1kHz, -10dB / 4Ohms)<0.2%	**Woofer**	1 × 12" complex carbon fiber diaphragm woofer
Power Supply	220V / 50Hz Powercon	**Tweeter**	1 × 3" nano carbon fiber diaphragm tweeter
		Coverage Pattern	50°-100° (H) gradient × 60° (V) asymmetric, rotatable horn
		Max SPL	125dB SPL, 131dB SPL peak
		Enclosure Material	Birch + black polyurea finish
		Dimensions (H×W×D)	670 × 405 × 380mm
		Weight	22.5kg

HSM-112
12-inch Coaxial Monitor Loudspeaker

Overview

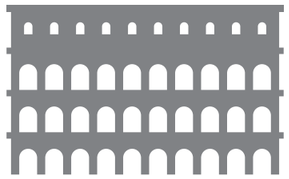
The coaxial full-range speaker delivers accurate, authentic and exciting sound. The coaxial structure design effectively solves the problem of the different transmission path between the drivers and at the same time has a smooth off-axis response and uniform near-field hearing.

The tilt angle of the cabinet can be adjusted via the cabinet feet, which is more convenient to adapt to different usage scenarios. It is suitable for stage monitoring and main sound reinforcement of various types of music scenes.

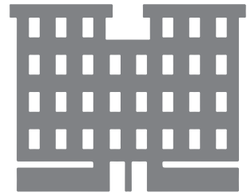
Features

- 1 × 12" + 1 × 3" coaxial drive units

Applications



Large Meeting Rooms



Multifunction Halls

Lecture Halls

Specifications

Item	Parameter
Frequency Range	65Hz-18kHz (±3dB) / 50Hz-20kHz (-10dB)
Sensitivity	100dB
Nominal Impedance	8 Ohm
Rated Power	350W (AES)
Woofer	1 × 12" complex carbon fiber diaphragm woofer
Tweeter	1 × 3" nano carbon fiber diaphragm tweeter
Coverage Pattern	90° (H) × 90° (V)
Max SPL	125dB SPL, 131dB SPL peak
Input Interface	2 × Speakon
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	450 × 410 × 286mm
Weight	15kg

HSC-106W
6.5-inch Ceiling Loudspeaker

Overview

The ceiling speakers can meet the conference sound reinforcement of small and medium sized conference rooms. The uniform arrangement of them is conducive to improve sound field uniformity, sound transmission gain and other sound reinforcement indicators. With coaxial design, it has better off-axis response.

Features

- 1 × 6.5" + 1 × 1.4" coaxial drive units
- Magnetic mesh cover

Applications

Small and Medium Meeting Rooms

Specifications

Item	Parameter
Frequency Range	90Hz-18kHz (±3dB) / 80-20kHz (-10dB)
Sensitivity	94dB
Nominal Impedance	8 Ohm
Rated Power	150W (AES)
Woofer	1 × 6.5" complex carbon fiber diaphragm woofer
Tweeter	1 × 1.4" nano carbon fiber diaphragm tweeter
Coverage Pattern	110° (H) × 110° (V)
Max SPL	116dB SPL, 122dB SPL peak
Enclosure Material	ABS panel + metal box
Dimensions	Ø264 × 221mm
Weight	6.5kg

HSC-108W
8-inch Ceiling Loudspeaker

Overview

The ceiling speakers can meet the conference sound reinforcement of small and medium sized conference rooms. The uniform arrangement of them is conducive to improve sound field uniformity, sound transmission gain and other sound reinforcement indicators. With coaxial design, it has better off-axis response.

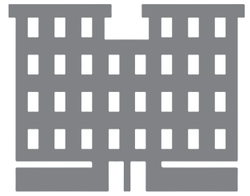
Features

- 1 × 8" + 1 × 2" coaxial drive units

Applications

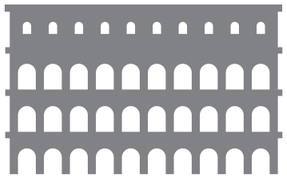
Hotels

Small and Medium Meeting Rooms

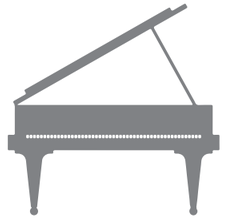


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	65Hz-18kHz (±3dB) / 55-20kHz (-10dB)
Sensitivity	96dB
Nominal Impedance	8 Ohm
Rated Power	250W (AES)
Woofer	1 × 8" complex carbon fiber diaphragm woofer
Tweeter	1 × 2" nano carbon fiber diaphragm tweeter
Coverage Pattern	110° (H) × 110° (V)
Max SPL	120dB SPL, 126dB SPL peak
Enclosure Material	ABS panel + metal box
Dimensions	Ø330 × 266mm
Weight	7.0kg

HSC-112
12-inch Ceiling Loudspeaker

Overview

The ceiling speakers can meet the conference sound reinforcement of small and medium-sized conference rooms. The uniform arrangement of them is conducive to improve sound field uniformity, sound transmission gain and other sound reinforcement indicators. With coaxial design, it has better off-axis response.

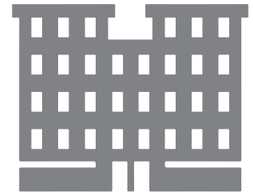
Features

- 1 × 12" + 1 × 3" coaxial drive units

Applications

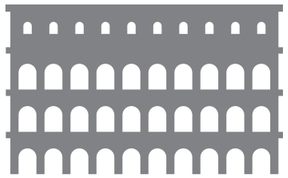
Hotels

Small and Medium Meeting Rooms

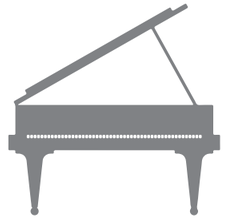


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	45Hz-18kHz (±3dB) / 40Hz-20kHz (-10dB)
Sensitivity	98dB
Nominal Impedance	8 Ohm
Rated Power	350W (AES)
Woofer	1 × 12" complex carbon fiber diaphragm woofer
Tweeter	1 × 3" nano carbon fiber diaphragm tweeter
Coverage Pattern	90° (H) × 70° (V)
Max SPL	123dB SPL, 129dB SPL peak
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	450 × 450 × 300mm
Weight	18kg

HSC-115
15-inch Ceiling Loudspeaker

Overview

The ceiling speakers can meet the conference sound reinforcement of small and medium-sized conference rooms. The uniform arrangement of them is conducive to improve sound field uniformity, sound transmission gain and other sound reinforcement indicators. With coaxial design, it has better off-axis response.

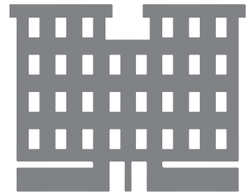
Features

- 1 × 15" + 1 × 3" coaxial drive units

Applications

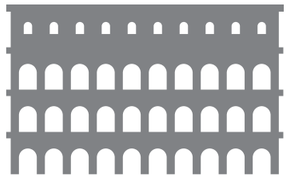
Hotels

Small and Medium Meeting Rooms

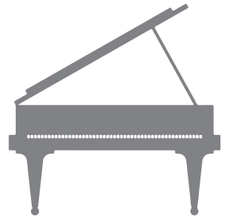


Multifunction Halls

Lecture Halls



Large Meeting Rooms



Ballroom

Specifications

Item	Parameter
Frequency Range	40Hz-18kHz (±3dB) / 38Hz-20kHz (-10dB)
Sensitivity	100dB
Nominal Impedance	8 Ohm
Rated Power	450W (AES)
Woofer	1 × 15" complex carbon fiber diaphragm woofer
Tweeter	1 × 3" nano carbon fiber diaphragm tweeter
Coverage Pattern	90° (H) × 70° (V)
Max SPL	127dB SPL, 133dB SPL peak
Enclosure Material	Birch + black polyurea finish
Dimensions (H × W × D)	480 × 580 × 300mm
Weight	20kg

02

Digital Audio Power Amplifier

HPA-2045B/02
Digital Audio Power Amplifier

Overview

HPA-2045B/02 Digital Audio Power Amplifier uses energy-efficient Class D amplifier technology and switching mode power supply technology. The efficiency of conventional use is more than 80%. It can greatly reduce power consumption and heating, which is energy-saving and environmentally friendly.

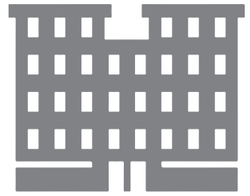
Features

- Uses energy-efficient Class D technology and switching mode power supply technology
- Adapts to all power network worldwide, plug and play
- The power amplifier can obtain energy from the grid smoothly and evenly, whereby minimizing the interference to the grid and improving the efficiency of grid power utilization.
- The equipment generates less heat with low operating temperature of components, long service life and high reliability
- Multiple working modes: stereo, mono, bridge mode
- Switching working mode via back panel switch
- Amplifier gain selectable
- Equipped with XLR audio input interface and Speakon audio output interface
- Input signal can be looped out to the next amplifier through XLRM
- Optimal protection function: short circuit, DC, over-heating, overload protection, power control, etc.

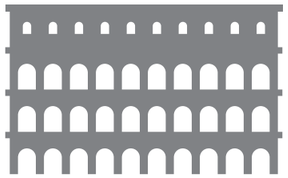
Applications

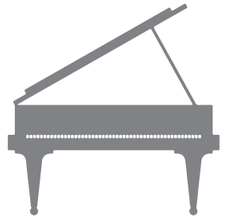

Hotels


Small and Medium Meeting Rooms


Multifunction Halls


Lecture Halls


Large Meeting Rooms


Ballroom

Specifications

Item	Parameter
Rated Power (THD=1%, 1 kHz)	2 × 450W (8 Ω /Stereo) 2 × 600W (4 Ω /Stereo) 1 × 900W (16 Ω / Bridge) 1 × 1200W (8 Ω / Bridge)
RMS Output Voltage (THD=1%, 1 kHz)	60V
Frequency Range (10% rated output power, 8 Ω, 20 Hz - 20 kHz)	±0.2dB
Damping Coefficient (8 Ω, 20 Hz - 200 Hz)	⩾1000
SNR (A-weighted, 20 Hz - 200 kHz)	⩾105dB
Dimensions (H × W × D)	44 × 480 × 291mm
Weight	5.9kg

HPA-2080B/02
Digital Audio Power Amplifier

Overview

HPA-2080B/02 Digital Audio Power Amplifier uses energy-efficient Class D amplifier technology and switching mode power supply technology. The efficiency of conventional use is more than 80%. It can greatly reduce power consumption and heating, which is energy-saving and environmentally friendly.

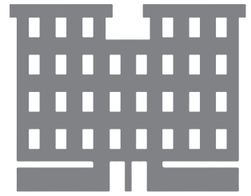
Features

- Uses energy-efficient Class D technology and switching mode power supply technology
- Adapts to all power network worldwide, plug and play
- The power amplifier can obtain energy from the grid smoothly and evenly, whereby minimizing the interference to the grid and improving the efficiency of grid power utilization.
- The equipment generates less heat with low operating temperature of components, long service life and high reliability
- Multiple working modes: stereo, mono, bridge mode
- Switching working mode via back panel switch
- Amplifier gain selectable
- Equipped with XLR audio input interface and Speakon audio output interface
- Input signal can be looped out to the next amplifier through XLRM
- Optimal protection function: short circuit, DC, over-heating, overload protection, power control, etc.

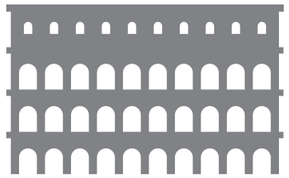
Applications

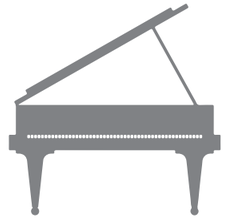

Hotels


Small and Medium Meeting Rooms


Multifunction Halls


Lecture Halls


Large Meeting Rooms


Ballroom

Specifications

Item	Parameter
Rated Power (THD=1%, 1 kHz)	2 × 800W (8 Ω / Stereo) 2 × 1200W (4 Ω / Stereo) 1 × 1600W (16 Ω / Bridge) 1 × 2400W (8 Ω / Bridge)
RMS Output Voltage (THD=1%, 1 kHz)	80V
Frequency Range (10% rated output power, 8 Ω, 20 Hz - 20 kHz)	±0.2dB
Damping Coefficient (8 Ω, 20 Hz - 200 Hz)	⩾1000
SNR (A-weighted, 20 Hz - 200 kHz)	⩾105 B
Dimensions (H × W × D)	44 × 480 × 291mm
Weight	5.9kg