PRODUCT CATALOGUE

THIEL PRO AUDIO
AUDIO • LIGHTING • VISUAL

WWW.MEZATEK.PRO
Professional Sound Solutions

THIEL PRO AUDIO

ENTRY LEVEL EDITION

CEILING SPEAKER

PA SYSTEM

ICE SERIES

Ceiling Speaker

PA ENTRY LEVEL EDITION

THIEL Pro Audio ICE Series Ceiling Speakers provide clear and reliable voice & music reproduction for a wide range of public address applications. Engineered for easy installation, durability and consistent performance.

- Easy & Fast Installation
- Clear Voice & Music Reproduction
- Low Distortion, High Reliability
- Durable Materials & Long Lasting



ICE-5H 5.25"

ICE-6H 6.5"

ICE-8H 8"

FULL RANGE SOUND

HIGH POWER HANDLING

70V / 100V COMPATIBLE

DURABLE & RELIABLE

EASY INSTALLATION

RIMLESS CEILING SPEAKER

Model	ICE-5H	ICE-6H	ICE-8H
Power (RMS)	3 / 6W	6 / 12W	10 / 20W
Power at 100V	3 / 6W	6 / 12W	10 / 20W
SPL (1W/1M)	89 dB	90 dB	92 dB
Max SPL @ 1M	102 dB	105 dB	107 dB
Freq. Response	100Hz - 16kHz	90Hz - 16kHz	55Hz - 16kHz
Cutout Size	Ø 160mm	Ø 200mm	Ø 240mm
Product Size	Ø 180 x 56 mm	Ø 220 x 56 mm	Ø 280 x 58 mm
Installation	Clamp Mount (Rimless)	Clamp Mount (Rimless)	Clamp Mount (Rimless)
Grille Material	Aluminum (Painted)	Aluminum (Painted)	Aluminum (Painted)
Weight	0.70 kg	1.00 kg	1.40 kg
Finish	White	White	White
Transformer	70V / 100V	70V / 100V	70V / 100V

IP54

WATERPROOF EDITION (OPTIONAL)

For environments with high humidity and light water splash conditions, **IP54** waterproof protection is available as an optional upgrade.

Humidity Resistant

Splash Proof

Corrosion Resistant

APPLICATIONS

SHOPPING MALLS | OFFICE BUILDINGS | HOTELS | SCHOOLS | AIRPORTS | HOSPITALS | RESTAURANTS

IC-62H / IC-82H

6.5" & 8" CEILING SPEAKER

PROFESSIONAL SERIES

THIEL Pro Audio IC-62H and IC-82H Ceiling Speakers deliver outstanding voice and background music performance for professional public address applications. Designed for reliability and easy installation, each unit includes a back-end cover for enhanced acoustic performance and safety.

IC-62H
6.5 Inch

IC-82H
8 Inch



- **HIGH PERFORMANCE SPEAKER**
  Clear voice & music reproduction
- **INCLUDES BACK-END COVER**
  Better sound control & dust protection
- **EASY INSTALLATION**
  Spring clamp system for quick mounting
- **100V LINE TRANSFORMER**
  Ideal for PA & BGM applications
- **DURABLE CONSTRUCTION**
  ABS material and quality components



LOW PROFILE DESIGN
Sleek and modern frameless grille

HIGH PERFORMANCE DRIVER
Clear and natural sound reproduction

BACK-END COVER INCLUDED
Enhanced acoustic control and protection

SPRING CLAMP MOUNTING
Fast and secure installation

SPECIFICATIONS

MODEL	IC-62H (6.5 INCH)	IC-82H (8 INCH)
Rated Power (100V)	3.75W / 7.5W / 15W / 30W / 60W	5W / 10W / 20W / 40W / 80W
Rated Power (70V)	1.8W / 3.75W / 7.5W / 15W / 30W	2.5W / 5W / 10W / 20W / 40W
Max. Power	60W	80W
Input	70V / 100V	70V / 100V
Sensitivity (1W/1M)	87dB ± 2dB	90dB ± 2dB
Frequency Response	100Hz - 16kHz	80Hz - 16kHz
Speaker Unit	LF: 6.5" × 1 HF: 0.75" x 1	LF: 8" × 1 HF: 1" x 1
Hole for Mounting	Ø 218mm	Ø 262mm
Dimension (Ø x D)	Ø 242 x D152 mm	Ø 292 x D190 mm
Net Weight	1.8 KG	2.3 KG
Material	ABS	ABS
Color	White	White

APPLICATIONS

SHOPPING MALLS | OFFICE BUILDINGS | SCHOOLS | HOTELS | AIRPORTS | HOSPITALS | RESTAURANTS

THIEL PRO AUDIO
AUDIO • LIGHTING • VISUAL

ALL-WEATHER OUTDOOR SPEAKER

IP66
ALL-WEATHER PROTECTION

IP SERIES

OUTDOOR ALL-WEATHER WALL SPEAKER

The IP Series is a range of high-performance wall speakers engineered for outdoor and indoor applications where reliability, clarity and durability are essential.

With robust ABS enclosure design and IP66 protection, the IP Series delivers powerful, balanced sound for a wide range of commercial and industrial environments.



IP66 WEATHERPROOF
Designed for outdoor use in all weather conditions.

UV RESISTANT ABS CABINET
Durable ABS enclosure with UV protection for long life.

ALUMINUM GRILLE
Powder-coated aluminum grille for rust and corrosion resistance.

100V TRANSFORMER
Built-in multi-tap transformer for 100V line and 8Ω operation.

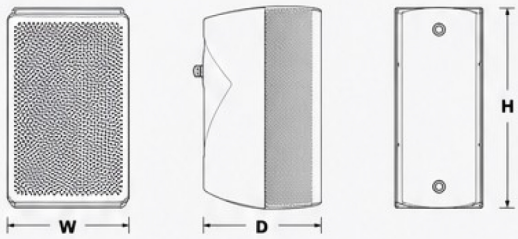
INDOOR / OUTDOOR
Perfect for both indoor and outdoor public address applications.

EASY INSTALLATION
Designed for quick and easy wall installation.

SPECIFICATIONS

MODEL	IP-42H (4 INCH)	IP-62H (6.5 INCH)	IP-82H (8 INCH)
Frequency Response	100Hz – 18kHz	70Hz – 18kHz	55Hz – 20kHz
Drivers	4" LF + 1" HF	6.5" LF + 1" HF	8" LF + 1" HF
Rated Power (100V)	30W	50W	80W
Power Taps (100V)	30 / 15 / 7.5W	50 / 25 / 12.5W	80 / 50 / 25W
Sensitivity (1W/1M)	90dB	90dB	90dB
Maximum SPL	105dB	108dB	111dB
Coverage (HxV)	100° × 90°	100° × 90°	100° × 90°
Impedance	8Ω	8Ω	8Ω
Cabinet Material	ABS	ABS	ABS
Grille Material	Powder-coated Aluminum		
Protection Rating	IP66		
Color	Black / White		
Dimensions (W x H x D)	160 x 221 x 128 mm	209 x 294 x 185 mm	241 x 339 x 195 mm
Net Weight	2.5 kg	3.0 kg	5.0 kg

DIMENSIONS (mm)

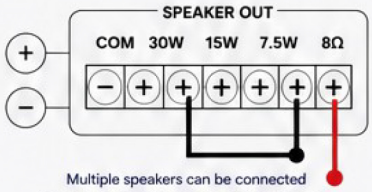


MODEL	W	H	D
IP-42H (4 INCH)	160	221	128
IP-62H (6.5 INCH)	209	294	185
IP-82H (8 INCH)	241	339	195

REAR PANEL



WIRING DIAGRAM (100V SYSTEM)



Multiple speakers can be connected in parallel (do not exceed amplifier power).

ACCESSORIES INCLUDED



Terminal Cover (Weather Protection)



Safety Cable

APPLICATIONS



THIEL PRO AUDIO
AUDIO • LIGHTING • VISUAL

HIGH-POWER ALL-WEATHER LOUDSPEAKER

IP55 ALL-WEATHER PROTECTION

IPH SERIES

HIGH-POWER ALL-WEATHER LOUDSPEAKER

The IPH Series is a range of high-power all-weather loudspeakers engineered for medium to long-range speech reinforcement and music playback in demanding outdoor environments.

With robust enclosure design and IP55 protection, the IPH Series delivers powerful, clear and reliable performance for a wide range of commercial and public applications.

IPH-52H
5.5 INCH

IPH-8H
8 INCH

IPH-10H
10 INCH



IP55 WEATHERPROOF
Designed for outdoor use in all weather conditions.

UV RESISTANT ENCLOSURE
High quality PP enclosure with UV protection for long life and durability.

ALUMINUM GRILLE
Powder-coated aluminum grille for rust and corrosion resistance.

100V TRANSFORMER
Built-in multi-tap transformer for 100V line and 8Ω operation.

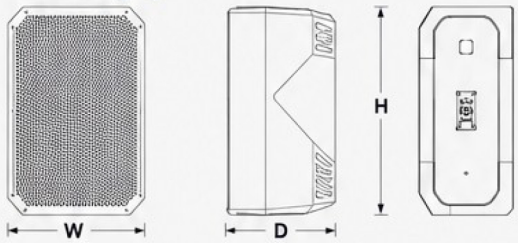
WIDE COVERAGE
Optimized wide coverage pattern for speech and music applications.

EASY INSTALLATION
Fast and labor-saving mounting with strong mounting bracket.

SPECIFICATIONS

MODEL	IPH-52H (5.5 INCH)	IPH-8H (8 INCH)	IPH-10H (10 INCH)
Frequency Response (-3dB)	70Hz – 17kHz	60Hz – 18kHz	50Hz – 19kHz
Drivers	5.5" LF + 1" HF	8" LF + 1" HF	10" LF + 1" HF
Rated Power (100V)	60W RMS	150W RMS	300W RMS
Power Taps (100V)	60 / 30 / 15W	150 / 75 / 38W	300 / 150 / 75W
Sensitivity (1W/1M)	88dB	92dB	97dB
Maximum SPL (1M)	106dB	114dB	122dB
Impedance	8Ω	8Ω	8Ω
Dispersion (HxV)	105° x 85°	120° x 105°	120° x 105°
Crossover Frequencies	2.5kHz passive	3kHz passive	2kHz passive
Enclosure Material	PP (Polypropylene) + 30% Fiberglass		
Grille Material	Powder-coated Aluminum		
Bracket Material	Iron (Stainless coated)		
IP Rating	IP55	IP55	IP55
Color	White / Black		
Input Connectors	4-position screw terminal		
Net Weight	9.2 kg	11.8 kg	18.2 kg
Gross Weight (1 pc)	11.5 kg	13.2 kg	20.5 kg

DIMENSIONS (mm)



MODEL	W	H	D
IPH-52H (5.5 INCH)	175	325	180
IPH-8H (8 INCH)	245	453.5	250
IPH-10H (10 INCH)	310	572	316

MOUNTING & ACCESSORIES



Heavy duty mounting bracket (included)

Terminal cover (included)

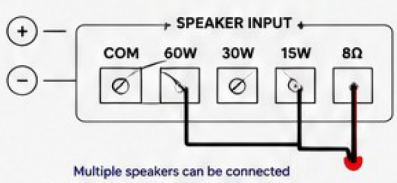
Safety cable (included)

Cable grommet (included)

REAR PANEL & CONNECTIONS



WIRING DIAGRAM (100V SYSTEM)



Multiple speakers can be connected in parallel (do not exceed amplifier power).

CAUTION

The sum of all connected speakers must not exceed the maximum power of your amplifier.

APPLICATIONS



THIEL PRO AUDIO
AUDIO • LIGHTING • VISUAL

ALL-WEATHER LOUDSPEAKER

IP65
ALL-WEATHER PROTECTION

IPC SERIES

ALL-WEATHER LOUDSPEAKER

The IPC Series is a range of high-performance all-weather loudspeakers engineered for outdoor and indoor applications where reliability, clarity and durability are essential.

With robust enclosure design and IP65 protection, the IPC Series delivers powerful, balanced sound for a wide range of commercial and industrial environments.




RC SERIES (EXTERNAL VIEW)


RC SERIES (WOOFER VIEW)


RC SERIES (WHITE)


RC SERIES (BLACK RESK VIEW)


RC SERIES (WHITE REAR VIEW)

ALL-WEATHER DURABILITY
IP65 rated protection ensures reliable performance co eli weather conditions.

POWERFUL OUTPUT
High efficiency drivers deliver strong, clear sound with low disturtion.

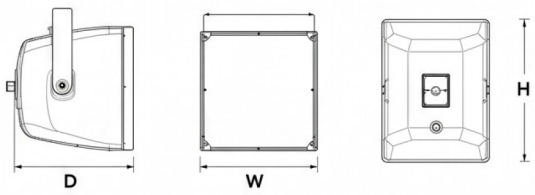
FLEXIBLE INSTALLATION
Multiple instalting options for well, velling or bracket installations.

WIDE APPLICATIONS
Ideal for outdoor venues, public address, background music and paging systems.

SPECIFICATIONS

MODEL	IPC-82H (8 INCH)	IPC-12H (10 INCH)	IPC-22H (12 INCH)
Rated Power (300V)	150W/BO	300W/BO	600W/BD
Rated Power (30V)	-	-	-
Max. Power	250W	250W	1200W
Impedance	8Ω	8Ω	8Ω
Sensitivity (1W/1M)	101dB ± 3dB	106dB ± 3dB	106dB ± 3dB
Frequency Response	100Hz - 18kHz	80Hz - 20kHz	60Hz - 20kHz
Coverage (HxV)	≤ 110°	≤ 120°	≤ 120°
Drivers	8" x 1 1.75" x 1	10" x 1 1.75" x 1	12" x 1 1.75" x 1
Dimensions (Wx H X D)	302 x 312 x 260 mm	375 x 435 x 395 mm	750 x 435 x 395 mm
Color	White (RAL 9016) / Black	White (RAL 9016) / Black	White (RAL 9016) / Black
Net Weight	7.8 kg	16.6 kg	27.8 kg
Protection Rating	IP65	IP65	IP65

DIMENSIONS (mm)



MODEL	W	H	D
IPC-82H (8 INCH)	312	302	260
IPC-12H (10 INCH)	435	375	395
IPC-22H (12 INCH x 2)	435	750	395

MOUNTING OPTIONS


WALL MOUNT


CEILING MOUNT

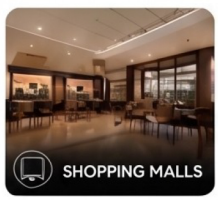

U-BRACKET

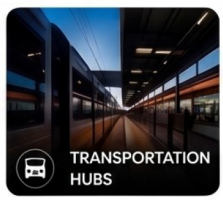
APPLICATIONS













THIEL PRO AUDIO

OUTDOOR SERIES

GARDEN SPEAKER

PREMIUM OUTDOOR SOUND SOLUTION



IPG-8H
8"

IPG-5H
5"

IPG-5H / IPG-8H

GARDEN SPEAKER

THIEL Pro Audio IPG Series Garden Speakers are designed to deliver high quality sound and reliable performance in outdoor environments.

With their weather-resistant construction and discreet design, IPG Garden Speakers are ideal for parks, hotels, resorts, commercial landscapes, and public spaces.

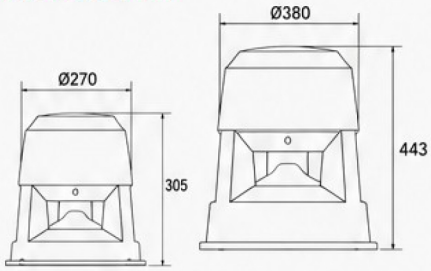
- IP55 — WEATHER RESISTANT
- 100V — 100V LINE SYSTEM
- 8Ω — 8 OHM COMPATIBLE
- HIGH QUALITY SOUND
- DURABLE CONSTRUCTION

SPECIFICATIONS	IPG-5H (5 INCH)	IPG-8H (8 INCH)
Rated Power	40W	80W
Drivers	5" Full-range Driver	8" Full-range Driver
Frequency Response (-3dB)	100Hz - 18kHz	80Hz - 18kHz
Impedance	8Ω	8Ω
Sensitivity (1W/1m)	88dB ± 3dB	88dB ± 3dB
Housing Material	ABS	ABS
Color	Green-Yellow (Earth Tone)	Green-Yellow (Earth Tone)
Size (Ø x H)	Ø270 x 305 mm	Ø380 x 443 mm
IP Level	IP55	IP55
Weight	4.7 kg	6.3 kg

FEATURES

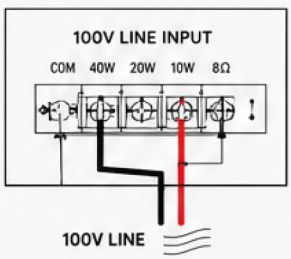
- High power output, delivering outstanding music reproduction and clear speech.
- 100V line system and 8Ω selectable for flexible installation.
- Weather resistant design with IP55 protection, suitable for all outdoor conditions.
- Durable ABS enclosure and UV-resistant finish for long-lasting performance.
- Discreet and elegant design blends naturally into garden and landscape environments.
- Easy installation with multiple mounting options.

DIMENSIONS (mm)



IPG-5H IPG-8H

CONNECTION DIAGRAM



APPLICATIONS

PARKS | HOTELS & RESORTS | SPORTS STADIUMS | AMUSEMENT PARKS | OUTDOOR RESTAURANTS | PUBLIC SPACES

CAUTION

All direct-connected speakers must have their total power rating less than or equal to the amplifier's maximum output power.

THIEL PRO AUDIO

PREMIUM LOUD SPEAKER

COAXIAL SERIES

IPC-52L

5" COAXIAL LOUD SPEAKER

COMPACT POWER. PRECISE SOUND.

THIEL Pro Audio IPC-52L is a premium 2-way passive coaxial loudspeaker engineered for excellent voice clarity and music reproduction in a compact enclosure. Featuring a 5-inch neodymium LF driver and a 1-inch neodymium HF driver in a coaxial configuration, it delivers balanced sound with outstanding detail and natural tonality.

Built with premium birch plywood and a durable coating finish, the IPC-52L ensures long-lasting reliability for a wide range of professional sound applications.



2-WAY COAXIAL DESIGN
5" LF driver and 1" HF driver in coaxial configuration for coherent sound.

NEODYMIUM DRIVERS
High performance neodymium magnets deliver powerful output and efficiency.

PREMIUM BIRCH PLYWOOD
Durable cabinet construction for superior acoustic performance.

COMPACT & LIGHTWEIGHT
Space-saving design, easy to handle and install anywhere.

RELIABLE PERFORMANCE
Consistent sound quality for professional installations in various environments.



FRONT VIEW


REAR VIEW


COAXIAL DRIVER

SPECIFICATIONS	
Model	IPC-52L
System Type	2-Way Passive Coaxial Speaker
LF Driver	1 x 5" Neodymium
HF Driver	1 x 1" Neodymium
Rated Power (RMS)	100 Watts
Impedance	8 Ohms
Frequency Response	80Hz - 18kHz
Sensittvity (1W/1M)	87dB ± 3dB
Maximum SPL	110dB (Continuous) / 116dB (Peak)
Coverage Angle (H x V)	90° x 90° (Approx.)
Enclosure Material	Birch Plywood
Finish	Black Textured Paint
Connectors	2 x SpeakON NL4
Dimensions (W x H x D)	160 x 160 x 160 mm
Net Weight	2.8 kg

APPLICATIONS

- CORPORATE SPACES
- HOUSES OF WORSHIP
- RESTAURANTS & CAFES
- RETAIL STORES
- MEETING ROOMS
- MULTIPURPOSE VENUES

CLEAR VOICE REPRODUCTION
Exceptional clarity for speech and vocal performance.

WIDE FREQUENCY RESPONSE
Balanced sound across voice and music range.

BUILT TO LAST
Robust construction for long-term durability.

EASY TO INSTALL
Flexible installation for various applications.

THIEL PRO - IPCN-63H

COMPACT AESTHETIC 3 WAY CORNERED SYSTEMS

The THIEL PRO - IPCN-63H is a compact 3-way cornered loudspeaker system designed for wall corner installation, delivering clear and balanced sound with wide dispersion. Its ultra-thin, aesthetic design blends seamlessly into any interior while providing powerful performance for a variety of professional applications.



3-WAY SYSTEM
LF + MF + HF for clear and balanced sound reproduction.

CORNER INSTALLATION
Specially designed for wall corner mounting.

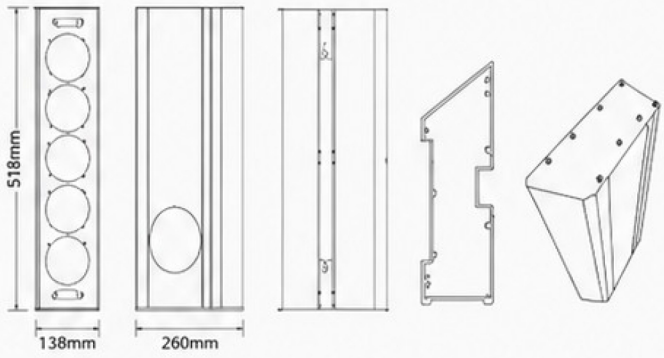
ULTRA-THIN DESIGN
Sleek, space-saving design with modern aesthetic.

WIDE DISPERSION
120°H x 90°V coverage for even sound distribution.

EASY INSTALLATION
2-position wiring base for flexible and secure setup.

SPECIFICATIONS

Frequency response:	120Hz–18KHz
Component:	LF: 1 × 5" (1" voice coil) MF: 4 × 3" HF: 1 × 3"
Rated power:	150 W
Sensitivity:	95 dB
Maximum SPL:	120 dB
Nominal impedance:	8 ohms
Dispersion:	120°H × 90°V
Enclosure:	Aluminum alloy
Finish:	Painting
Grille:	Steel grille with black foam
Connector:	2-position wiring base
Dimension (HWD):	518 × 138 × 260 mm
Weight:	6.6 KG

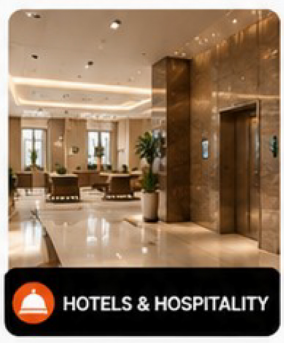


APPLICATIONS











IPCL SERIES

COLUMN POWERED STEERABLE ARRAY SYSTEMS

The THIEL Pro Audio IPCL Series is a next-generation column loudspeaker system featuring powered beam steering technology. With independent DSP control and precise vertical beam steering, the IPCL Series delivers exceptional sound clarity and coverage flexibility for a wide range of professional applications.

Ideal for venues requiring intelligible speech and consistent sound across the audience, IPCL Series combines advanced acoustic performance with elegant design and robust construction.

STEERABLE ARRAY TECHNOLOGY
Precise vertical beam steering for optimal coverage and clarity.

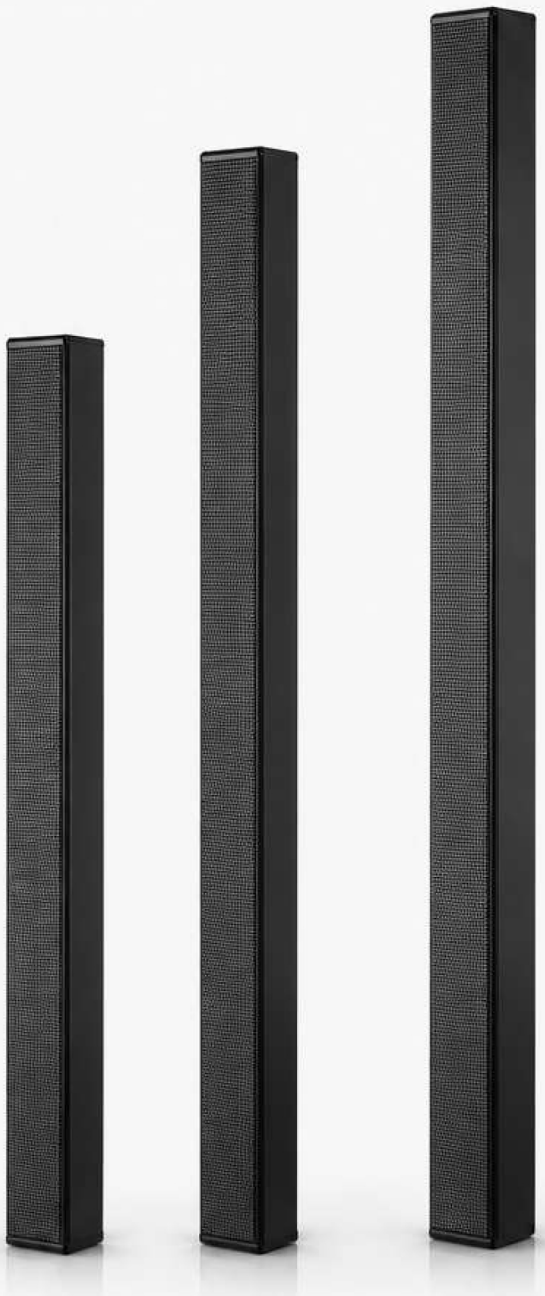
WEATHER RESISTANT
IP66 rated with aluminum enclosure for indoor and outdoor use.

POWERED SYSTEM
Built-in DSP and amplifier for high performance and easy setup.

EASY INTEGRATION
DANTE / IP / RS485 control for seamless system integration.

MULTI-BEAM CONFIGURATIONS
Support single, dual, triple and quadruple beam modes with flexible split options.

COMPACT & ELEGANT DESIGN
Sleek, modern design blends into any environment.



IPCL-100A
(8 x 3" Drivers)

IPCL-150A
(12 x 3" Drivers)

IPCL-200A
(16 x 3" Drivers)

IP66
ALL-WEATHER PROTECTION

APPLICATIONS



CONFERENCE ROOMS



MULTI-FUNCTION HALLS



HOUSES OF WORSHIP



SPORTS FACILITIES



AUDITORIUMS



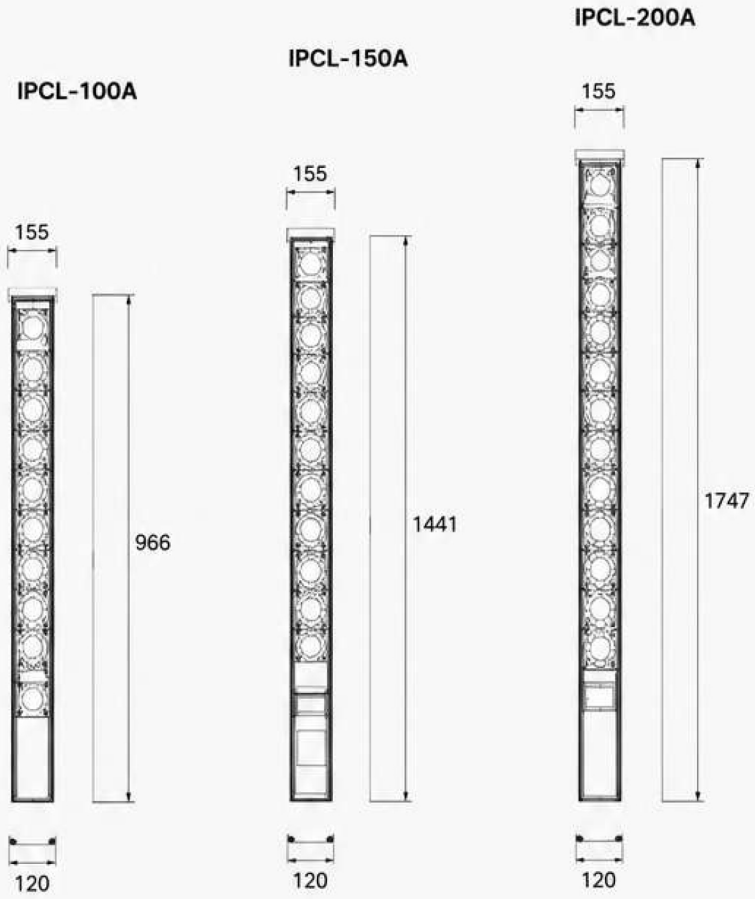
TRANSPORTATION HUBS

FEATURES

- Adjustable vertical beam divergence angle: 15° – 35° (IPCL-100A), 10° – 30° (IPCL-150A), 5° – 20° (IPCL-200A) single beam.
- Vertical beam steering adjustment: ±30° in 1° increments for precise coverage control.
- Beam splitting technology: Independent configuration into multiple segments for flexible coverage.
- High-output low-distortion drivers for clear and powerful sound.
- Independent DSP and amplifier for each driver (192kHz sampling rate).
- Intuitive control software for easy setup and real-time adjustment.
- Aluminum alloy enclosure with IP66 rating for all-weather operation.
- Multiple control interfaces: DANTE / IP / RS485 / USB for versatile system integration.

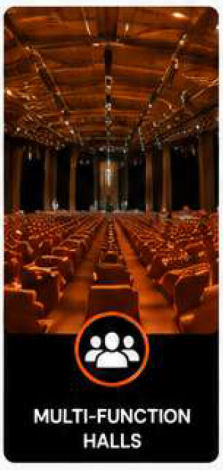
DIMENSIONS

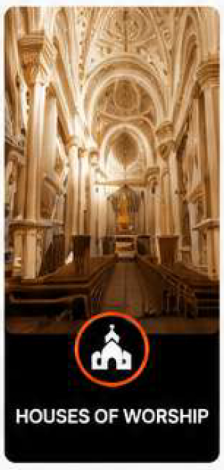
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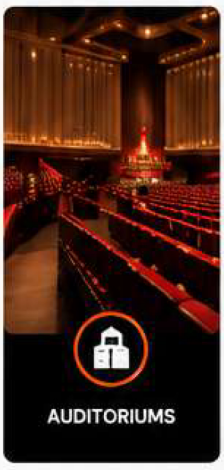
APPLICATIONS

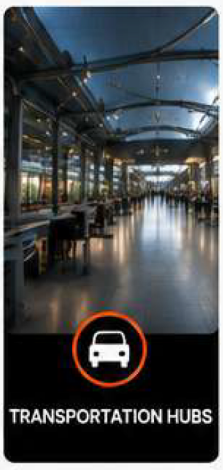

CONFERENCE ROOMS


MULTI-FUNCTION HALLS


HOUSES OF WORSHIP

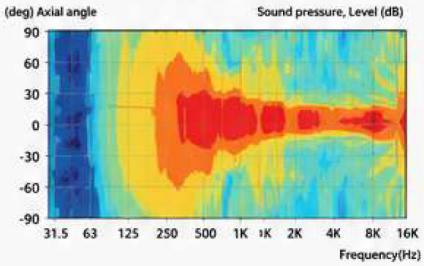

SPORTS FACILITIES

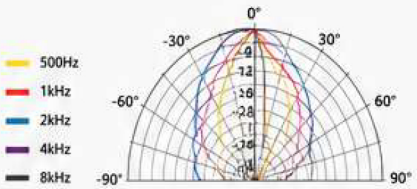

AUDITORIUMS


TRANSPORTATION HUBS

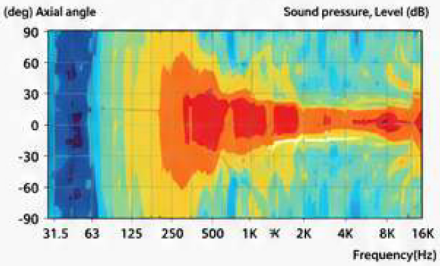
VERTICAL SPREAD

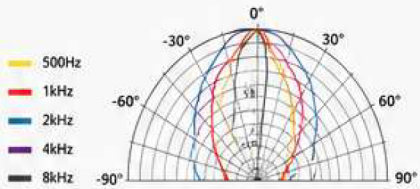
IPCL-100A



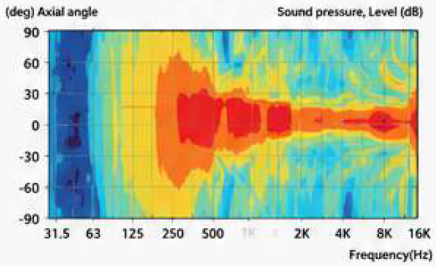


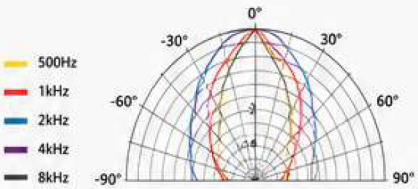
IPCL-150A





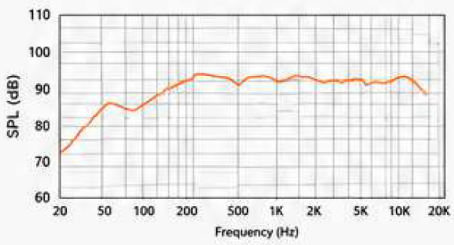
IPCL-200A



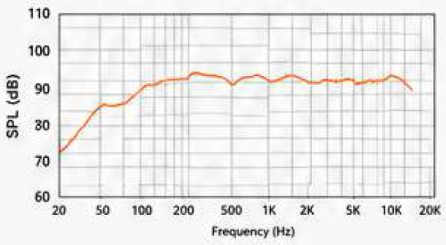


FREQUENCY RESPONSE

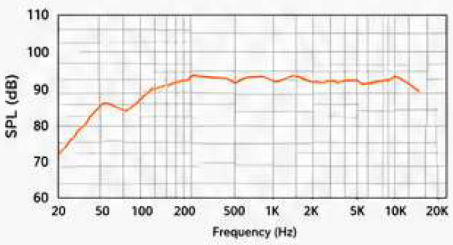
IPCL-100A



IPCL-150A



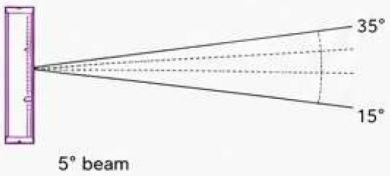
IPCL-200A



VARIABLE VERTICAL SPREAD & BEAM STEERING

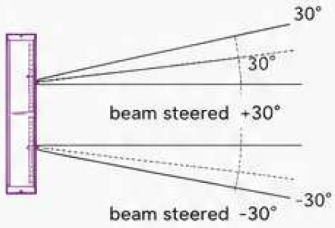
VARIABLE VERTICAL SPREAD

IPCL-**100A**: 15° to 35° (10° increments)
IPCL-**150A**: 10° to 30° (5° increments)
IPCL-**200A**: 5° to 20° (5° increments)



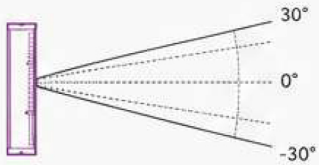
VARIABLE BEAM STEERING

Vertical beam can be steered
±30° in 1° increments



VERTICAL BEAM SPLITS

Provide split beam coverage to aim energy toward two or more destinations. Split beam can also be configured.



DUAL BEAMS:

IPCL-100A: 4 + 4
IPCL-150A: 6 + 6, 8 + 4, 4 + 8
IPCL-200A: 8 + 8, 10 + 6, 6 + 10, 12 + 4, 4 + 12

TRIPLE BEAMS:

IPCL-150A: 4 + 4 + 4
IPCL-200A: 5 + 6 + 5, 5 + 5 + 6, 6 + 5 + 5, 4 + 4 + 4

QUADRUPLE BEAMS:

IPCL-200A: 4 + 4 + 4 + 4

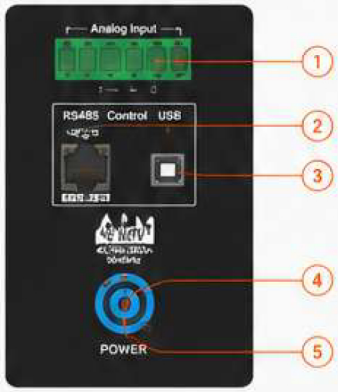
NOTE:

After beam splitting, as the number of array units in the split section decreases, the adjustable range of the vertical dispersion angle for that section will also change. For 4-unit section, options are available at 20° and 30°. For 6-unit section, options are available at 20° and 30°, 40°. For the 10-unit section, options are available at 15° and 25°, 35°.

CONNECTION

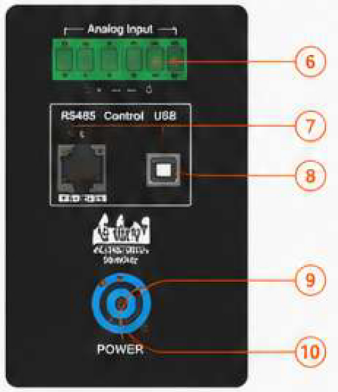
CONNECTOR PANEL

IPCL-100A / IPCL-150A / IPCL-200A



1. Balanced Input/Output Interface for Analog Audio Signals
2. RS485 Control Port
3. USB Serial Port
4. PowerCON Connector
5. DANTE / IP Interface (IP model)

IPCL-100AN / IPCL-150AN / IPCL-200AN



6. Balanced Input/Output Interface for Analog Audio Signals
7. RS485 Control Port
8. USB Serial Port
9. PowerCON Connector
10. DANTE / IP Interface (IP model)

1. Balanced Input/Output Interface for Analog Audio Signals
2. RS485 Control Port

   Use CAT.5e or higher specification cables for connection. It includes a 24V power supply output and RS485 control signal, which is used for connecting to an external control panel or other control devices for a long distance up to 100M.
3. USB Serial Port

   Used to connect to a PC, making it convenient for users to configure the parameters of the loudspeaker processing with software.
4. PowerCON Connector

   Input Power: AC190–260V~, 50/60Hz.

   Digital Audio Signal Input
5. DANTE Digital Audio Input, RJ45 port

   DANTE / IP interface (IP model only).

   Enabled for network audio and control via Dante or IP system.

SPECIFICATIONS

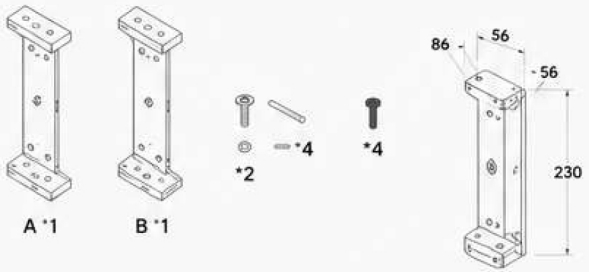
MODEL	IPCL-100A	IPCL-150A	IPCL-200A
System Type	Self-powered full range steerable column speaker		
Acoustic Performance			
Frequency Range (-10dB)	80 Hz – 19 kHz	80 Hz – 19 kHz	80 Hz – 19 kHz
Frequency Response (±3dB)	95 Hz – 18 kHz	95 Hz – 18 kHz	95 Hz – 18 kHz
Maximum Peak SPL	96 dB @ 20 m	96 dB @ 20 m	96 dB @ 20 m
Horizontal Coverage	100°	100°	100°
Vertical Coverage	15° – 35° (10° increments)	10° – 30° (5° increments)	5° – 20° (5° increments)
Vertical Steering	±30° (1° increments)	±30° (1° increments)	±30° (1° increments)
Beam Split Modes	Dual: 4+4	Dual: 6+6 Triple: 4+4 +4	Dual: 8+8 Triple: 10+6, 6+10, 12+4, 4+12 Quad: 4+4+4 4+4
Transducer	8 x 3" Neodymium LF Drivers	12 x 3" Neodymium LF Drivers	16 x 3" Neodymium LF Drivers
Amplifier Output	80W (Rated @4Ω) per channel	80W (Rated @4Ω) per channel	80W (Rated @4Ω) per channel
Amplifier Channels	8 Channels	12 Channels	16 Channels
Amplifier Type	Class D	Class D	Class D
Input / Output	1 x Analog Input & 1 x Output RS485, USB, DANTE / IP (IP model)	1 x Analog Input & 1 x Output RS485, USB, DANTE / IP (IP model)	1 x Analog Input & 1 x Output RS485, USB, DANTE / IP (IP model)
Power Consumption	AC190–260V~, 1 powerCON 10W (idle) / AC240V	AC190–260V~, 1 powerCON 15W (idle) / AC240V	AC190–260V~, 1 powerCON 20W (idle) / AC240V
Enclosure	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Finish	Black, Powder-coated	Black, Powder-coated	Black, Powder-coated
Dimensions (W x H x D)	155 x 966 x 120 mm	155 x 1441 x 120 mm	155 x 1747 x 120 mm
Weight	12.2 kg	23.5 kg	29.5 kg
Mounting	JB-860A / JB-B40B (Optional)	JB-860A / JB-B40B (Optional)	JB-860A / JB-B40B (Optional)
Accessories	1 x USB to RS485 adapter; 1 x PowerCON cable; 1 x Power Line		

SPECIFICATIONS (CONTINUED)

MODEL	IPCL-100A	IPCL-150A	IPCL-200A
ELECTRONIC PERFORMANCE			
System Type	Self-powered full range steerable column speaker		
Acoustic Performance			
Frequency Range (-10dB)	80 Hz – 19 kHz	80 Hz – 19 kHz	80 Hz – 19 kHz
Frequency Response (±3dB)	95 Hz – 18 kHz	95 Hz – 18 kHz	95 Hz – 18 kHz
Maximum Peak SPL	96 dB @ 20 m	96 dB @ 20 m	96 dB @ 20 m
Horizontal Coverage	100°	100°	100°
Vertical Coverage	15° – 35° (10° increments)	10° – 30° (5° increments)	5° – 20° (5° increments)
Vertical Steering	±30° (1° increments)	±30° (1° increments)	±30° (1° increments)
Beam Split Modes	Dual: 4+4	Dual: 6+6 Triple: 4+4+4	Dual: 8+8 Triple: 10+6, 6+10, 12+4, 4+12 Quad: 4+4+4+4
AMPLIFIER & DRIVER			
Transducer	8 x 3" Neodymium LF Drivers	12 x 3" Neodymium LF Drivers	16 x 3" Neodymium LF Drivers
Amplifier Output	80W (Rated @4Ω) per channel	80W (Rated @4Ω) per channel	80W (Rated @4Ω) per channel
Amplifier Channels	8 Channels	12 Channels	16 Channels
Amplifier Type	Class D	Class D	Class D
INPUT / CONTROL			
Input / Output	1 x Analog Input & 1 x Output RS485, USB, DANTE / IP (IP model)	1 x Analog Input & 1 x Output RS485, USB, DANTE / IP (IP model)	1 x Analog Input & 1 x Output RS485, USB, DANTE / IP (IP model)
Control Port	RS485, USB, DANTE / IP (IP model)	RS485, USB, DANTE / IP (IP model)	RS485, USB, DANTE / IP (IP model)
Power Consumption	AC190–260V~, 1 powerCON 10W (idle) / AC240V	AC190–260V~, 1 powerCON 15W (idle) / AC240V	AC190–260V~, 1 powerCON 20W (idle) / AC240V
PHYSICAL			
Enclosure	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Finish	Black, Powder-coated	Black, Powder-coated	Black, Powder-coated
Dimensions (W x H x D)	155 x 966 x 120 mm	155 x 1441 x 120 mm	155 x 1747 x 120 mm
Weight	12.2 kg	23.5 kg	29.5 kg
Mounting	JB-860A / JB-B40B (Optional)	JB-860A / JB-B40B (Optional)	JB-860A / JB-B40B (Optional)
Accessories	1 x USB to RS485 adapter; 1 x PowerCON cable; 1 x Power Line		

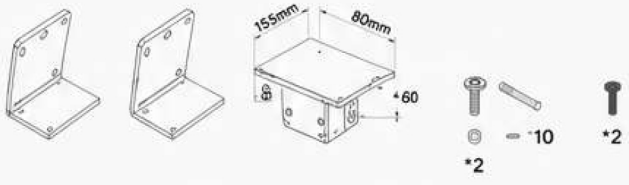
MOUNTING

WALL MOUNT BRACKET JB-860A



When wall-mounted, the distance from the wall can be adjusted within the range of 45~60 mm.

BRACKET JB-B40B (OPTIONAL)



Optional bracket for additional mounting flexibility.

NOTE:
All accessories are included with the speaker system.
Optional bracket JB-B40B provides alternative mounting solutions for various installation scenarios.

THIEL PRO AUDIO

COMPACT AESTHETIC
SUBWOOFER
ULTRA THIN SUBWOOFER

IS 830 L

ULTRA THIN SUBWOOFER

The THIEL Pro Audio IS 830 L is an ultra-thin subwoofer designed to deliver powerful low-frequency performance in a sleek and discreet enclosure. Its compact depth makes it ideal for wall-mounted installations in modern spaces where aesthetics and performance are equally important.



ULTRA THIN DESIGN
Just 12cm depth, perfect for flush wall installation.

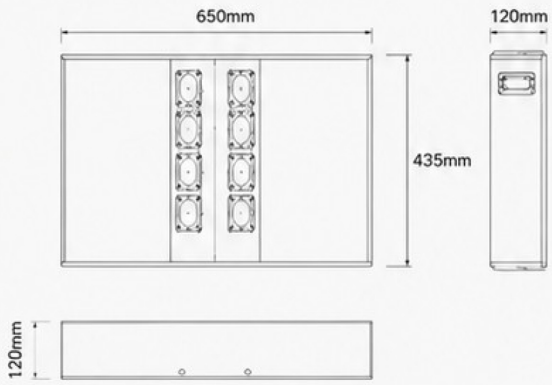
POWERFUL BASS PERFORMANCE
Equipped with 8 units of 3-inch neodymium LF drivers for deep and dynamic bass.

PREMIUM FINISH
Plywood cabinet with durable black polyurea paint.

EASY INSTALLATION
Matching wall-mounted installation brackets included.

8 X 3"	1200W	40Hz-250Hz	4Ω	WALL-MOUNT INSTALLATION
NEODYMIUM LF DRIVERS	PEAK POWER	FREQUENCY RANGE	NOMINAL IMPEDANCE	BRACKETS INCLUDED

DIMENSIONS



ULTRA THIN & DISCREET

Sleek and minimal design blends seamlessly into any environment.



Flush Wall Install

Space Saving Depth 12cm

SPECIFICATIONS

PARAMETER	SPECIFICATION
Model	IS 830 L
System	8 x 3-inch Subwoofer
Power Output (RMS)	300W
Peak Power	1200W
Frequency Range (-10dB)	40 Hz – 250 Hz
Frequency Response (±6dB)	60 Hz – 150 Hz
Crossover Modes	Passive Crossover
Sensitivity (1W/1m)	91 dB
Maximum SPL (1m)	116 dB (Peak 120 dB)
Impedance	4 Ω
Coverage Pattern (HxV)	180° x 180°
LF Driver	8 x 3-inch Neodymium LF Units
Enclosure / Finish	Plywood / Black Polyurea Paint
Connector	1 x Speakon NL4 / Phoenix Terminal
Dimensions (W x H x D)	650 x 435 x 120 mm
Weight	9.5 kg
Installation	Wall-mounted Installation Brackets

APPLICATIONS

HOME THEATER | CONFERENCE ROOMS | RESTAURANTS & CAFES | HOTELS & RESORTS | RETAIL STORES | HOUSES OF WORSHIP

PACKAGE INCLUDES

- 1 x IS 830 L Subwoofer
- 1 x Set of Wall-mounted Installation Brackets



THIEL PRO AUDIO
AUDIO • LIGHTING • VISUAL

HYBRID LINE ARRAY SERIES

HYBRID PERFORMANCE

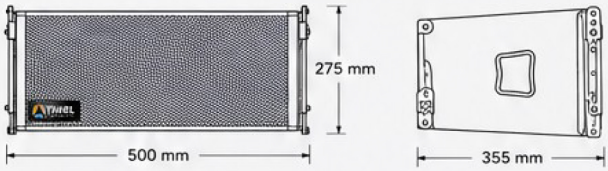
LAE-12

LINE ARRAY 1x10" 2-WAY SPEAKER

The LAE-12 is a high-performance 2-way line array speaker featuring a 10" woofer and dual 1.75" exit compression drivers. Designed for touring, fixed installations and live sound applications, it delivers high output, wide coverage and precise vocal clarity.

LINE ARRAY DESIGN | HIGH OUTPUT SPL | DURABLE CONSTRUCTION | EASY & SAFE RIGGING | WIDE COVERAGE





SPECIFICATIONS

MODEL	LAE-12
System Type	2-Way Line Array Speaker
Frequency Response (-10dB)	60 Hz – 18 kHz (with dedicated preset)
Maximum SPL	133 dB
Drivers	LF: 1 x 10" HF: 2 x 1.75" exit compression driver
Power Handling (RMS / Program)	500 W / 1000 W (LF) 200 W / 400 W (HF)
Coverage (H x V)	80° or 120° (H) x 10° (V)
Impedance	16 Ω (LF) / 16 Ω (HF)
Sensitivity (1W/1m)	103 dB (LF) / 111 dB (HF)
Connections	NL4 1± HF / NL4 2± LF
Enclosure Material	Russian Birch Plywood
Finish	Polyurea Coating (Black)
Dimensions (H x W x D)	275 x 500 x 355 mm
Net Weight	16 kg (35 lbs)

RIGGING & APPLICATIONS

- Integrated rigging system for vertical line array applications
- Ideal for touring, live concerts, auditoriums, houses of worship, stadiums and large scale events


LIVE SOUND


TOURING


INSTALLATION

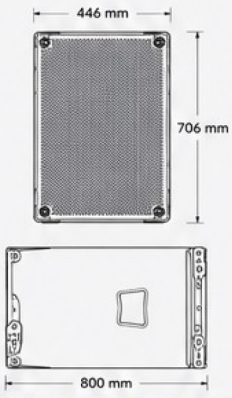
LAS-250/A

ACTIVE SUBWOOFER SYSTEM

The LAS-250/A is a high-power active subwoofer designed to extend the low frequency performance of any full-range system. Delivering deep, tight and powerful bass, it is the perfect complement for line array and full-range loudspeakers.

POWERFUL BASS | HIGH SPL OUTPUT | EFFICIENT COOLING | RUGGED DESIGN | EASY CONNECTION





SPECIFICATIONS

MODEL	LAS-250/A
System Type	Active Subwoofer
Frequency Response (-10dB)	35 Hz – 200 Hz
Maximum SPL	133 dB
Coverage	Omnidirectional
Drivers	2 x 15" Woofer
Amplifier Power (RMS / Peak)	2000 W RMS / 4000 W Peak
Impedance	8 Ω
Sensitivity (1W/1m)	97 dB
Connections	NL4 2±
Enclosure Material	Russian Birch Plywood
Finish	Polyurea Coating (Black)
Dimensions (H x W x D)	706 x 446 x 800 mm
Net Weight	38.7 kg (85 lbs)

APPLICATIONS

- Perfect for concerts, clubs, theaters, houses of worship, outdoor events and mobile DJ systems
- Provides extended low frequency response and enhances overall system performance


POWERED BASS PERFORMANCE

PREMIUM COMPONENTS
High quality drivers and components ensure durability and performance.

ADVANCED ENGINEERING
Designed for maximum output, clarity and reliability.

RIGGING READY
Built-in rigging system for fast and secure installation.

BUILT TO LAST
Durable enclosure with premium coating for harsh environments.