

# I-Line

Flexible and elegant installation system



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The I-Line is designed for fixed installations with ambitious requirements regarding aesthetics, speech reproduction and music playback. The system comprises two different sized column speakers, an adjustable mounting bracket, a dedicated subwoofer and two system amplifiers.

No matter if you want to fill a conference room, the sales area of a shop or a bar with sound – this lineup offers you freedom of choice to compose a setup which suits your needs best. All speakers are available in both black and white finishes.



IA 202D/ IA 402D   S 112i   IC 34   IC 32



## ))) IC 32/ IC 34

### Chic and classy column speakers

**IC 32** and **IC 34** come in brushed aluminum housings and their slim and subtle appearance makes them blend well into many different environments. The column speakers are equipped with two or four high-performance 3.5" neodymium drivers respectively.

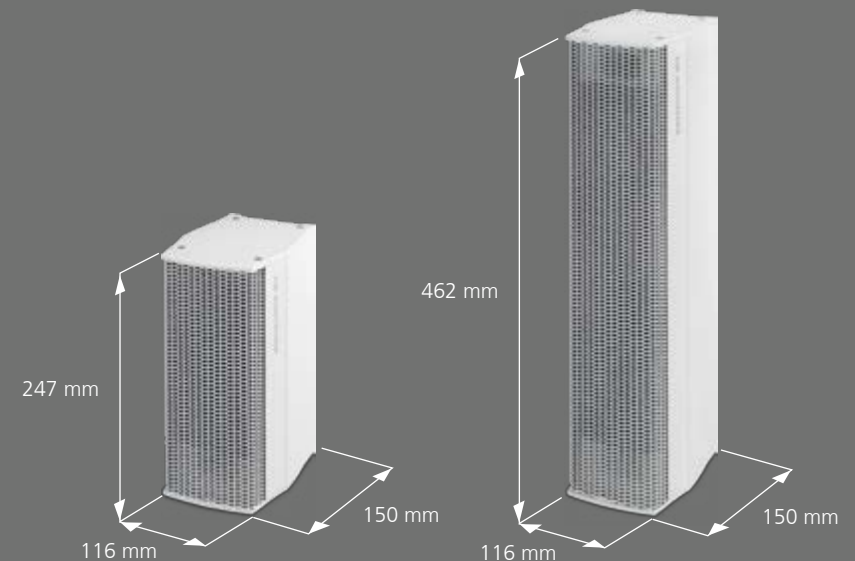
The speakers are slightly angled – left and right alternately – to ensure optimal horizontal high-frequency coverage. A custom designed basket with advanced cooling module, paired with a high-end paper membrane, enables the speakers to reproduce a wide frequency band with fidelity.

When it comes to installing, you can mount the system speakers almost anywhere and at any desired orientation by utilizing proper Smart-Mounting-Brackets. Both speaker models have two 4-pin Phoenix connectors with accompanying channel switch to make the wiring process as smooth and cost-efficient as possible also minimizing the required total cable amount.



## Specifications

	IC 32	IC 34
Type	Column, bass-reflex	Column, bass-reflex
Transducers	2 x 3.5"	4 x 3.5"
Nominal Impedance	16 $\Omega$	8 $\Omega$
Continuous Power Handling (AES)	100 W	200 W
Nominal Coverage (HxV)	120° x 60°	120° x 40°
Sensitivity (dB SPL 1W/1m)	91 dB	94 dB
Max SPL (1m)	111 dB	117 dB
Frequency Response (-6dB) w/o processing	200 Hz - 15 kHz	120 Hz - 15 kHz
Audio Connectors	Phoenix Contact MSTB 4-pin In, Phoenix Contact MSTB 4-pin Out	Phoenix Contact MSTB 4-pin in, Phoenix Contact MSTB 4-pin out
Controls	2-way input selection switch	2-way input selection switch
Cabinet	Die-cast alu housing, plastic	Die-cast alu housing, plastic
Mounting	Centered mounting point for SMB bracket. Vertical and horizontal orientation. Safety wire fixing point.	Center and bottom mounting points for SMB bracket. Safety wire fixing point.
Cabinet Colors	black / white	black / white
Dimensions (W x H x D)	116 x 247 x 150 mm	116 x 462 x 150 mm
Weight	2 kgs	4 kgs



# ))) IA 202D/ IA 402D

## Installation amplifiers

I-Line offers two 2-channel class-D power amplifiers with switching mode power supply.

**IA 202D** delivers 2x 250 Watts at 8 Ohms while **IA 402D** provides 2x 400 Watts at 4 Ohms respectively.

Each amplifier is equipped with a digital encoder with push button for DSP and preset selection.

Our efficient DSP engine gives flexibility to load speaker presets, adjust parametric EQ, delay, filter, gain and polarity settings thus helping with system optimisation and sound tuning.

Sensor-controlled fan and optimized front-to-back air flow, together with very low idle power consumption, ensure low noise levels for quiet environments at all times.

A combination of XLR, Speakon and Phoenix connectors for in- and output ensures maximum flexibility during the installation process.



### SIMPLE AND INTUITIVE

Control the amplifier by using the LCD screen and the multifunctional rotary knob/ button.

### QUIET & COOL

Automatic software controlled front-to-back air flow for ideal thermal management.

### CONNECTIVITY

SpeakON & Phoenix connectors provide flexibility and optimal integration for your applications.





## Specifications

	IA 202D	IA 402D
Type	Class-D, SMPS	Class-D, SMPS
Power Output	2 x 250W @ 8 $\Omega$ 2 x 125W @ 16 $\Omega$	2 x 400W @ 4 $\Omega$ 2 x 200W @ 8 $\Omega$ 2 x 100W @ 16 $\Omega$
Minimum Load Impedance	8 $\Omega$	4 $\Omega$
Input Impedance	20 k $\Omega$ balanced, 10 k $\Omega$ unbalanced	20 k $\Omega$ balanced, 10 k $\Omega$ unbalanced
SNR (At rated power)	95 dB	95 dB
Crosstalk	64 dB	62 dB
DSP	48 kHz, 24-bit DSP processor,	48 kHz, 24-bit DSP processor,
Signal Processing	processing latency: 1.1 ms	processing latency: 1.1 ms
Controls	Speaker presets, Delay, High Shelf,	Speaker presets, Delay, High Shelf,
Maximum Input Level	High-Pass, Parametric Equalizer,	High-Pass, Parametric Equalizer,
Signal Connectors	Limiter, Phase Invert, Mute, Input Gain	Limiter, Phase Invert, Mute, Input Gain
Speaker Connectors	Digital encoder with push button	Digital encoder with push button
Protection	+20 dBu	+20 dBu
Cooling	XLR 3-pin male line-level inputs/link	XLR 3-pin male line-level inputs/link
Power Efficiency	outputs, Phoenix Contact MSTB 3-pin	outputs, Phoenix Contact MSTB 3-pin
Power Consumption (Idle,	inputs/link outputs	inputs/link outputs
Full Power)	Neutrik Speakon® NL4 outputs,	Neutrik Speakon® NL4 outputs,
Power Requirements	Phoenix Contact MSTB 4-pin outputs	Phoenix Contact MSTB 4-pin outputs
Dimensions (W x H x D)	short-circuit, over-heating, over-	short-circuit, over-heating, over-
Weight	current	current
	Sensor controlled fan, front-to-back	Sensor controlled fan, front-to-back
	air flow	air flow
	76%	83%
	29 W / 600 W	30 W / 1000 W
	100 - 240 VAC	100 - 240 VAC
	483 x 66 x 256 mm / 1.5 HU	483 x 66 x 256 mm / 1.5 HU
	4.7 kgs (netto)	5.1 kgs (netto)

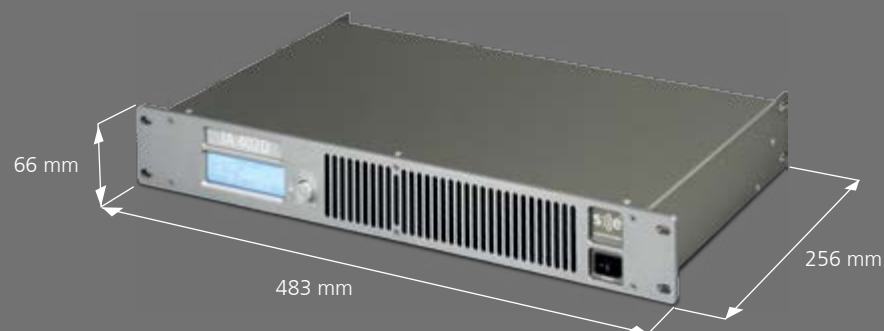
## Accessory

### SMB Smart-Mounting-Bracket

Designed by German engineers, the Smart-Mounting-Bracket grants users a lot of mounting flexibility thanks to its ingenious design.

It can be individually adjusted on both axes ( $\pm 90^\circ$  in all directions by steps of  $10^\circ$ ) and is suitable for ceiling and wall mount.

The bracket has a maximum loading capacity of 10 kilograms and comes with a 20 centimeter long safety steel rope in compliance with international safety regulations.



# ))) S 112i

## The smooth and compact bass engine

The **S 112i** is a compact single 12" bass-reflex type subwoofer which enhances the acoustic pattern of the column speakers with space-filling lows.

Its efficient and unobtrusive characteristics are optimized for installation applications, which allow greater flexibility in terms of interior design and placement.

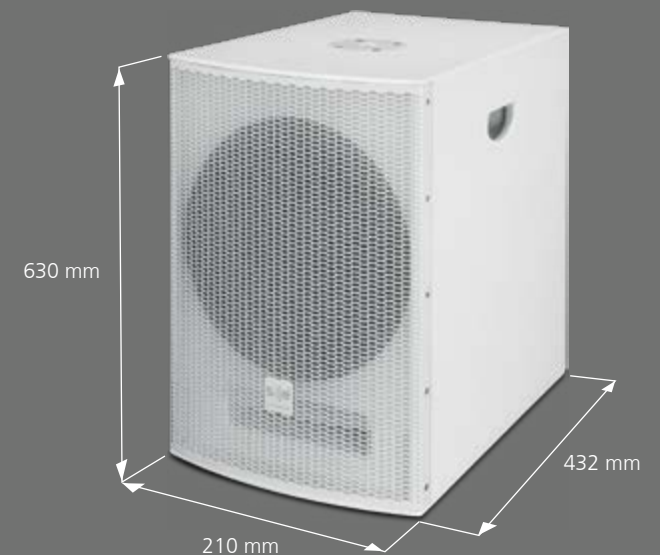
The woofer includes a built-in 400 watts class-D power amplifier and sophisticated DSP.



## Specifications

### S 112i

Type	bass-reflex
Frequency Response (-6dB)	42 - 250 Hz
Power Output (RMS)	400 W
Amplifier Type	Class D, SMPS
Max. SPL (1m, half-space)	121 dB
Transducers	1 x 12" ferrite magnet, 3" voice coil
DSP	48 kHz, 24-bit DSP processor, processing latency: 1.1 ms
Signal Processing	Limiter, EQ
Protection	Limiter, short-circuit, overheating
Controls	On/Off switch, Main Level, Low-pass frequency (80-240 Hz), Polarity inversion
Indicators	Power On, Signal In, Limit, Protect
Audio Connectors	XLR 3-pin female line-level input, XLR 3-pin male signal link
Power Connectors	Neutrik PowerCon type A power input, type B power link (MAX: 15A, Maximum 6 pcs per line)
Hardware	M20 distance pole thread
Power Requirements	100 - 120 VAC or 220 - 240 VAC
Cabinet	15 mm plywood, black or white PU speckle paint
Dimensions (W x H x D)	355 (385 w/ rigging) x 506 x 496 mm
Weight	22 kgs



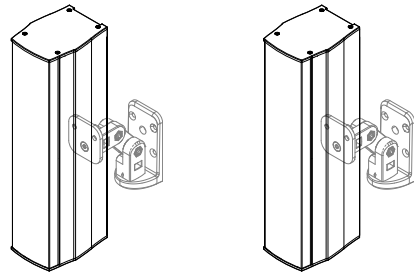
# Application examples



## Meeting room



For small audiences



- 2x **IC 34**  
Column speakers
- 2x **SMB**  
Smart Mounting Bracket
- 1x **IA 202D**  
System Amplifier

### Small System

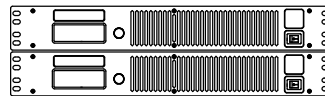
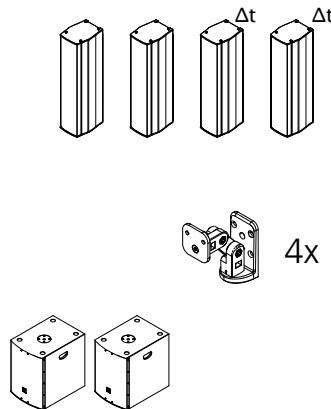
Small-to-medium sized meeting rooms.



## Conference room



For medium audiences



- 4x **IC 34**  
Column speakers
- 4x **SMB**  
Smart Mounting Bracket
- 2x **S 112i** Installation Subwoofers
- 2x **IA 202D** System Amplifiers

### Medium System

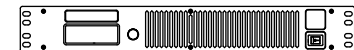
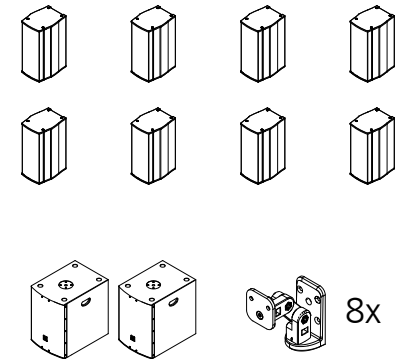
Conference / study rooms with delayed long-throw speakers.



## Bar or restaurant



For larger audiences



- 8x **IC 32**  
Column speakers
- 2x **S 112i** Installation Subwoofers
- 8x **SMB** Smart Mounting Bracket
- 2x **IA 402D** System Amplifiers

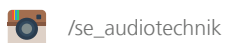
### Introduction System

Bars, restaurants, small clubs, exhibition halls.

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I-Line brochure v. 2.0 | Design by STH design & consulting  
All product specifications in this document are subject to change without notice.

## IC 34 & IC 32

Wide 120° horizontal dispersion

Compact & high SPL output

Easy setup using SMB bracket

Aesthetic design

Available in black & white

