
INSTALLED SOUND SYSTEMS 2018



About Equipson

Created in 1995, Equipson is a Spanish company dedicated to the professional audio and lighting sector. Through its leading brand WORK PRO[®], it offers an exclusive range of products designed to meet real user needs.

Today Equipson is one of the most important companies of the sector in Spain. Its dynamism and experience allows it to grow stronger over the years, being internationally recognized.

EQUIPSON S.A. CREATED IN 1995



Own R + D Department

Constant development of R&D department and WORK® brand

Over the last years, we have been investing on the R&D department. Day after day the company has developed this department, which has its own plant dedicated to WORK PRO® product development

This huge investment has contributed to the strong development of the brand: its success on professional trade shows is the illustration of the company's know-how.

Quality process has also known deep changes. The company not only designs new products: it constantly upgrades existing ones, taking into account user commentaries. We take care of the overall design of products, from internal components to finishing. A complete revision of products is done when a new production starts.

As a recognition of this strategy of research and technological development, this company has received support from the Ministry of Industry, Energy and Tourism. The European Union recognizes company's contribution to the sector.

ANECHOIC CHAMBER

INSTALLED SOUND SYSTEMS 2018

WORK PRO[®] 

EQUIPSON

INDEX

ABOUT EQUIPSON.....	2
LOUDSPEAKERS.....	7
CEILING SPEAKERS.....	24
PENDANT SPEAKERS.....	38
SOUND PROJECTORS.....	42
GARDEN SPEAKERS.....	50
LINE ARRAY SYSTEMS.....	54
PRODUCT INDEX.....	63



Bellas Artes Theatre, Madrid - Sofitel Hotel, Portugal - Benfica Stadium, Portugal - Royalton White Sand Montego Bay Resort, Jamaica
 Royalton Punta Cana Resort, República Dominicana - Dolce&Gabbana Headquarters, Milan - La Mamounia Hotel, Marrakech
 BLU Hotel, Albacete - Circo Wonderland - Canali Showroom, Milan - Ibiza Airport Lounge - Calypso Fitness Club, Poland
 Valencia CF new store, Valencia - Nou Gourmet Restaurant, Valencia - Marina d'Or Resort, Castellón - Tommy Mels Restaurants
 Mango outlet store - Volvo Ocean Race Museum, Alicante - MSC Cruiser, Italy - Old Wild West Restaurants, Italy



NEO SET 100 BT

Bluetooth Powered 2.1 System



Features

NEO 3 S

- Full range loudspeaker designed for fixed installations.
- Built-in overloading protection.
- Plastic wall-mount bracket with fast mounting system (included).

NEO S8 A 2.1/ NEO S8 A 2.1 BT

- Self-powered Subwoofer.
- Balanced LINE level input.
- Master and subwoofer separated volume controls.
- Bluetooth function (only NEO SET 100 BT).
- Made of MDF wood.
- Metallic fixation handle(vertical/horizontal).
- Plastic mounting pieces for ground placement.

Now, contractors have an ally for their installations and residential projects. The new NEO SET 100 BT are a stylish and elegant audio systems that will create the perfect background atmospheres. These sets are composed of two full range NEO 3 S installation loudspeakers operating as satellites and one NEO S8 A 2.1 acting as amplified subwoofer.

The NEO SET 100 BT concept and design make possible to integrate these systems in every project. It includes independent volume controls and the possibility to set the crossover frequency, which gives the contractors a greater control of the whole installation, adapting the system to the specific type of audio source.

NEO SET 100 BT includes bluetooth functionality. Therefore it is possible to send audio signal from a smartphone and other devices compatible with the bluetooth protocol to the system and makes easier for users the reproduction of their favourites audio files.

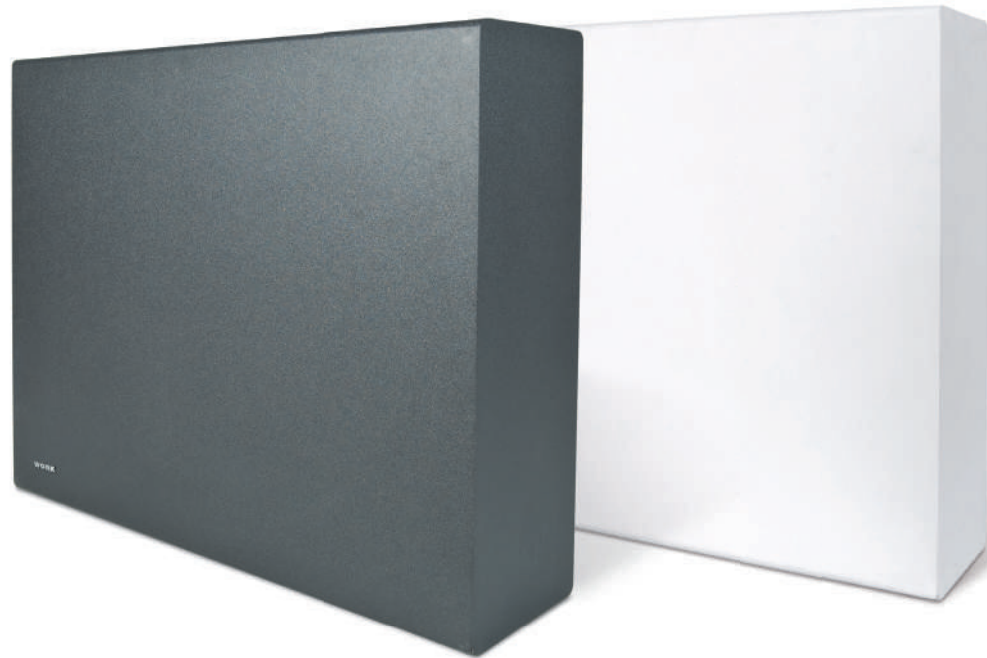
Rear view



*Available in black and white colour.

NEO S8 A

Self-powered subwoofer



NEO S8 A is the perfect complement for NEO series loudspeakers. This self-powered subwoofer with balanced inputs can be perfectly installed in almost any installation thanks to its elegant ultrafine design. It can be hung to walls vertically or horizontally and it is possible to hide it with a simple painting.

It features balanced signal inputs and high level input coming from an amplifier. It is possible to control gain and cut frequency with a value between 50 and 150 Hz.

Features

- Self-powered subwoofer.
- Can be installed in horizontal and vertical position.
- Elegant ultrafine design easy to hide.
- The perfect complement for the NEO loudspeakers.
- Balanced inputs.
- Available in black and white colour.



Amplifier module with balanced inputs, frequency cut and gain controls.



Technical data		NEO S8 A
Type:	Powered subwoofer.	
Elements:	8" woofer.	
LINE input:	Input impedance:	22 K Ω .
LINE input:	Max. input level:	0.775 V rms (0 dBu).
HI LEVEL input:	Input impedance:	240 Ω .
HI LEVEL input:	Max. input level:	15 V rms @ 80 Hz.
Output power:		58 W rms @ 0,1% THD.
Max. SPL:		10 dB.
Frequency response:		40 Hz -160 Hz.
Crossover frequency:		50 Hz - 150 Hz (selectable).
Material (housing):		MDF wood.
Dimensions (WxHxD):		520 x 400 x 130 mm.
Weight:		8.5 kg.

NEO series

Installation loudspeakers

Five models for all your projects!

Loudspeakers from the NEO series associate sound quality and elegant design for a perfect integration in all your projects. Five models are available with different power and dimensions.

NEO loudspeakers are suitable for low impedance (8 Ω) and high voltage installations (100 V). The wall-mount bracket, specially designed for the NEO series, allows a quick and easy installation.

Speakers are easily oriented to the optimum angle for the desired coverage. The aluminium grille is designed to withstand humid environments. Contractors take advantage of the modern line, black or white finish and elegant design of NEO loudspeakers, which make them suitable for many projects.

Features

- Passive loudspeakers for fixed installation.
- Available in black and white finish.
- Elegant shape and modern design for an easy integration.
- Included bracket designed for a fast mounting operation.
- Suitable for low impedance (8 Ω) and high voltage installations (100 V).



Technical data	NEO 3	NEO 4	NEO 5	NEO 6	NEO 8
Type:	Full range loudspeaker.	2 way passive loudspeaker.	2 way passive loudspeaker.	2 way passive loudspeaker.	2 way passive loudspeaker.
Elements:	2.5" speaker.	4" woofer + 0.5" TWT.	5 1/4" woofer + 0.5" TWT.	6 1/2" woofer + 1" TWT.	8" woofer + 1" TWT.
Power handling (100 V Line):	10 W (1 kΩ).	16 W (625 Ω) / 8 W (1k25 Ω) / 4 W (2k5 Ω) / 2 W (5 kΩ).	16 W (625 Ω) / 8 W (1k25 Ω) / 4 W (2k5 Ω) / 2 W (5 kΩ).	32 W (312 Ω) / 16 W (625 Ω) / 8 W (1k2 Ω) / 4 W (2k5 Ω).	32 W (312 Ω) / 16 W (625 Ω) / 8 W (1k2 Ω) / 4 W (2k5 Ω).
(*) Power handling (70 V Line):	5 W (980 Ω).	8 W (612 Ω) / 4 W (1k22 Ω) / 2 W (2k45 Ω) / 1 W (4k9 kΩ).	8 W (612 Ω) / 4 W (1k22 Ω) / 2 W (2k45 Ω) / 1 W (4k9 kΩ).	16 W (326 Ω) / 8 W (612 Ω) / 4 W (12k23 Ω) / 2 W (2k45 kΩ).	16 W (326 Ω) / 8 W (612 Ω) / 4 W (12k23 Ω) / 2 W (2k45 kΩ).
Power handling (8 Ω):	50 W Continuous (with 120 Hz HPF).	60 W Continuous.	80 W Continuous.	120 W Continuous.	140 W Continuous.
Input connectors:	Euroblock.	Euroblock.	Euroblock.	Euroblock.	Euroblock.
Sensitivity (1W/1m):	87 dB.	89 dB.	91 dB.	92 dB.	93 dB.
Max SPL:	101 dB.	104 dB.	107 dB.	109 dB.	111 dB.
Frequency response:	120 Hz - 20 kHz.	98 Hz - 20 kHz.	94 Hz - 20 kHz.	80 Hz - 20 kHz.	75 Hz - 20 kHz.
RAL colour code:	RAL 9003 (W) /9004 (B).	RAL 9003 (W) /9004 (B).	RAL 9003 (W) /9004 (B).	RAL 9003 (W) /9004 (B).	RAL 9003 (W) /9004 (B).
Material (housing):	Polypropylene plastic.	Polypropylene plastic.	Polypropylene plastic.	Polypropylene plastic.	Polypropylene plastic.
Material (grille):	Aluminium.	Aluminium.	Aluminium.	Aluminium.	Aluminium.
Dimensions (WxHxD):	85 x 95 x 100 mm.	148 x 210 x 134 mm.	171 x 244 x 166 mm.	200 x 290 x 175 mm.	260 x 370 x 240 mm.
Weight:	0.5 kg.	1.95 kg each.	2.4 kg each.	3.1 kg each.	4.95 kg each.

REAR VIEW



(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

NEO A series

Installation loudspeakers



NEO 8A

NEO 5A

NEO 6A

The NEO A series is composed of three self-powered models which complete the NEO series for maximum convenience and flexibility. They feature a two channel class D amplifier, bass and treble tone controls, RCA, 3.5 mm Mini-Jack inputs and a powered output for a passive speaker (included).

Each self-powered model comes with a passive loudspeaker and cables for connection (except for the NEO 8A).

Discover the new NEO 8A

The NEO 8A is the latest model of the NEO A series. This powerful loudspeaker differentiates itself from the others as its amplifier is exclusively dedicated to this unit. That is why it doesn't come with a passive loudspeaker.

Features

- Self-powered two way loudspeakers designed for fixed installations.
- Class D amplifier for minimal weight and heat.
- Included wall-mount bracket with fast mounting system.
- Each unit comes with a passive loudspeaker (except for the NEO 8A).
- Available in black and white finish.



The wall-mount bracket allows quick and easy installation. Speakers are easily adjustable to the optimum angle for the desired coverage.

Rear panels

Technical data	NEO 5A	NEO 6A	NEO 8A
Type:	2 way self-powered loudspeaker.	2 way self-powered loudspeaker.	2 way self-powered loudspeaker.
Elements:	5¼" woofer + 0.5" TWT.	6½" woofer + 1" TWT.	8" woofer + 1" TWT.
Amplifier power:	2 x 25 W at 4 Ω.	2 x 30 W at 4 Ω.	42 W.
Input connectors:	RCA - Mini-Jack 3.5 mm / Euroblock.	RCA - Mini-Jack 3.5 mm / Euroblock.	RCA - Mini-Jack 3.5 mm
Input sensitivity:	0.44 V / -5 dBu.	0.5 V / -3.7 dBu.	0.5 V / -3.7 dBu.
Frequency response:	94 Hz -20 kHz.	80 Hz - 20 kHz.	86 Hz - 16 kHz.
RAL colour code:	RAL 9003 (W) /9004 (B).	RAL 9003 (W) /9004 (B).	RAL 9003 (W) /9004 (B).
Material (housing):	Polypropylene plastic.	Polypropylene plastic.	Polypropylene plastic.
Material (grille):	Aluminium.	Aluminium.	Aluminium.
Main supply:	AC 115/230 V, 60/50 Hz.	AC 115/230 V, 60/50 Hz.	AC 115/230 V, 60/50 Hz.
Dimensions (WxHxD):	171 x 244 x 166 mm.	200 x 290 x 175 mm.	260 x 370 x 240 mm.
Weight:	4.4 kg each.	5.1 kg each.	5.46 kg each.

NEO 5A ES

Smart Installation loudspeakers

The energy efficiency is nowadays a necessary and important subject. More and more, Governments and Industry work to minimize the consumption of energy. Distributed audio installations are one of the elements to take under consideration, but it is hard to control it in installations where there are mostly used self-powered loudspeakers.

The new smart NEO 5A ES is a solution that allows to take advantage of the features of self-powered systems using, at the same time, lower energy consumption. This loudspeaker adds a sensor at the audio input capable of shutting down when it is not receiving audio signal. This auto-off feature means a reduction in its consumption below 1W under these circumstances. When the system starts distributing audio again, the loudspeakers get activated automatically. Thanks to this product, it is possible to exponentially enhance the performance and efficiency of the audio installations.

NEO 5A ES has been certified with the standard ErP EN 50564: 2011 guaranteeing that the product has been designed and developed following the energy efficiency standards.

It is sold in pairs (active + passive box).



Technical data	NEO 5A ES
Type:	2-way self-powered loudspeaker.
Components:	5 1/4" woofer + 0.5" TWT.
Power amplifier:	2 x 25 W (4Ω).
Input Connectors:	RCA 3.5mm Mini-Jack / Euroblock.
Input sensitivity:	0.44 V / -5 dBu.
Frequency response:	94 Hz -20 kHz.
RAL color code:	RAL 9003 (W) / 9004 (B).
Material (enclosure):	Polypropylene ABS plastic.
Material (grille):	Aluminium.
Power Supply:	AC 115/230 V, 60/50 Hz
Dimensions (HxWxD):	171 x 244 x 166 mm.
Weight:	4.4 kg.

*Available in black and white colour.

NEO 5A BT

Installation loudspeakers with bluetooth

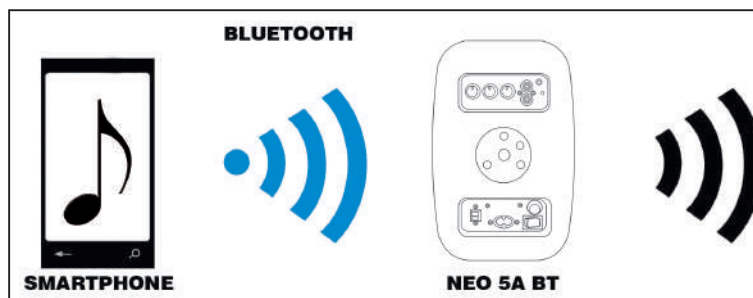


*Available in black and white colour.

The **NEO 5A BT** features a two channel class D amplifier, bass and treble tone controls, RCA, 3.5 mm Mini-Jack inputs and a powered output for a passive speaker (included).

The main functionality of this model is the integration of a Bluetooth system in order to send audio files from external devices like smartphones, tablets, etc...

The set comes with a passive loudspeaker and cables for connection.



Technical data	NEO 5A BT
Type :	2 way self-powered loudspeaker.
Elements :	5¼" woofer + 0.5" TWT.
Amplifier power :	2 x 25 W at 4 Ω.
Input connectors :	RCA - Mini-Jack 3.5 mm / Euroblock.
Input sensitivity :	0.44 V / -5 dBu.
Frequency response :	94 Hz -20 kHz.
RAL colour code :	RAL 9003 (W) /9004 (B).
Material (housing) :	Polypropylene plastic.
Material (grille) :	Aluminium.
Main supply :	AC 115/230 V, 60/50 Hz.
Dimensions (WxHxD) :	171 x 244 x 166 mm.
Weight :	4.4 kg each.

NEO 5 IP

Installation loudspeakers with high IP rating

With an IP protection factor of 65, NEO 5 IP guarantees installations in outdoors with heavy rains, which is a very demanded feature for this kind of surface mounted loudspeakers. Technical specifications are identical to NEO 5 except for the rear connection which has been replaced with a cable with the different power taps.

Sold in pairs (two passive boxes).

Technical data	NEO 5 IP
Type:	2-way passive loudspeaker.
IP rating:	IP 65
Components:	5 ¼ "woofer + 0.5" TWT.
Power (100 V line):	16 W (625 Ω) / 8 W (1k25 Ω) / 4 W (2k5 Ω) / 2 W (5 k).
(*) Power (70 V line):	8 W (612 Ω) / 4 W (1k22 Ω) / 2 W (2k45 Ω) / 1 W (4k9 k Ω).
Power (8 ohm):	80 W Continuous.
Input Connector:	Euroblock.
Sensitivity (1W/1m):	91 dB.
Max SPL:	107 dB.
Frequency response:	94 Hz - 20 kHz.
RAL color:	RAL 9003 (white) / 9004 (black).
Material (enclosure):	Polypropylene ABS plastic.
Material (grille):	Aluminium.
Dimensions (HxWxD):	171 x 244 x 166 mm.
Weight:	2.4 kg each.



*Available in black and white colour.

ARQ series

Installation loudspeakers



Technical data	ARQ 16	ARQ 18	ARQ 25
Type:	Two way passive loudspeaker.	Two way passive loudspeaker.	Two way passive loudspeaker.
Elements:	6 1/2" woofer + 1" compression driver.	8" woofer + 1" compression driver.	2 x 5 1/4" woofer + 1" TWT.
Power taps (100 V Line):	40 W (250 Ω) / 20 W (500 Ω).	40 W (250 Ω) / 20 W (500 Ω).	40 W (250 Ω) / 20 W (500 Ω).
(*) Power taps (70 V Line):	20 W (245 Ω) / 10 W (490 Ω).	20 W (245 Ω) / 10 W (490 Ω).	20 W (245 Ω) / 10 W (490 Ω).
Power handling (8Ω):	160 W Continuous / 320 W Peak.	240 W Continuous / 480 W Peak.	240 W Continuous / 480 W Peak.
Input connectors:	Terminals (screw).	Terminals (screw).	Terminals (screw).
Sensitivity:	86 dB (1 W @ 1 m).	87 dB (1 W @ 1 m).	87 dB (1 W @ 1 m).
Max SPL:	105 dB.	108 dB.	108 dB.
Frequency response:	68 Hz - 18 kHz.	54 Hz - 18 kHz.	54 Hz - 18 kHz.
Dispersion (HxV):	90° x 60°	90° x 60°	60° x 60°
Material (housing):	Plywood.	Plywood.	Plywood.
Material (grille):	Metal.	Metal.	Metal.
Dimensions (WxHxD):	370 x 195.5 x 255 mm.	425 x 242.5 x 260 mm.	450 x 177.5 x 202 mm.
Weight:	7.1 kg.	9.2 kg.	7.2 kg.

(*) The power taps indicated on the selector switch are calculated for 100V Line. In the case of 70V Line installation, each power tap will correspond to half the value.

The design of the ARQ series is based on installers feedback, taking into account what they consider important in a medium power installation loudspeaker made for fixed installations.

Audio fidelity.

Choosing the right components has been one of the first steps in the design of the series. Components have been selected to ensure an excellent audio fidelity and enough power for medium size installation purposes. Acoustic enclosures have been designed to optimize sound output, taking advantage of efficient filters.

Suitable for low impedance and 100 V Line installations.

Thanks to their built-in transformer, ARQ loudspeakers can be directly installed in low impedance (8 Ω) and 100 V Line installations. There is no need to buy any accessory. A switch allows to connect low impedance inputs directly to the speaker, without passing across the transformer.

Easy to install.

ARQ series provides several mounting systems, with built-in screws for U brackets in vertical and/or horizontal positions and a 2D bracket to be placed at the back of the cabinet.

Neutral design... in style.

The ARQ series has been made taking into account that loudspeakers have to respect the overall design of the installation. That is why a special care has been taken to the external design of the loudspeakers. The elegant shape and minimalist style of the cabinet make integration really easy in almost any installation.

Excellent finish.

Each detail of the ARQ loudspeakers has been designed with care. For this reason, cabinets are made of strong quality plywood and use the best painting materials, ensuring the long lifetime of the loudspeakers.

Features

- Loudspeakers designed for fixed installations.
- Elegant shape and minimalist design.
- Built-in transformer to install loudspeakers in low impedance (8 Ω) and 100 V Line installations.
- Switch for low impedance inputs connection directly across the transformer.
- Easy to install thanks to the several positions available.
- Made of strong quality plywood.

ARC SUB series MKII

Self-powered Subwoofers

These self-powered subwoofers feature a powerful amplifier and a subwoofer for a perfect reproduction of low frequencies. In addition to low distortion, the transformer ensures signal integrity and long lifetime.

Combination of ARC SUB Series with wall-mount loudspeakers provides great results in bars or event rooms. Thanks to its black wood housing, it perfectly integrates in any installation's design.

Total control on low frequencies.

Rear panel of ARC SUB Series features many controls for connection system configuration, providing a perfect integration in any installation. Thus, it is possible to modify parameters like inner low-pass filter frequency (from 50 Hz to 150 Hz) or woofer phase inversion. Regarding input signal, ARC SUB 12 has a conventional full range Line input, as well as another LFE that allows using it as an unique bass amplifier (in case of external passive loudspeaker use). In addition, they have a high level input for signals coming from amplifier.

Features

- High performance self-powered subwoofer.
- Power output: 150 W (ARC SUB 10) 200 W (ARC SUB 12).
- Line In / LFE inputs.
- Inner cut frequency adjustment.
- 180° woofer phase inversion.
- Standby function (the amplifier only operates when it detects input signal).



ARC SUB 12

ARC SUB 10

Technical data	ARC SUB 10	Technical data	ARC SUB 12
Elements:	10" woofer.	Elements:	12" woofer.
Power output:	150W.	Power output:	200W.
Frequency range (Low-pass):	30 Hz - 150 Hz.	Frequency range (Low-pass):	30 Hz - 150 Hz.
Frequency range (LFE):	20 Hz - 380 Hz.	Frequency range (LFE):	20 Hz - 380 Hz.
Sensitivity:	131 mV @ 150 W.	Sensitivity:	131 mV @ 200 W.
Crossover:	50 Hz - 180 Hz.	Crossover:	50 Hz - 180 Hz.
Dimensions (WxHxD).	330 x 450 x 412 mm.	Dimensions (WxHxD).	380 x 489 x 470 mm.
Weight:	16 kg.	Weight:	19 kg.



ARC SUB 12 MKII rear view

ATHOS series

Installation outdoor loudspeakers

ATHOS is a series of extended-range passive loudspeakers ideal for outdoor and indoor applications where high-quality sound is required. Its extended range allows a frequency response between 90Hz and 20kHz and sound pressure levels ranging from 118dB SPL to 127dB SPL (Peak).

Its design allows to install the device outdoor as it has a sealed connection on its rear panel that prevents the entry of fluids into the enclosure. Its fiberglass cabinet can withstand high temperatures, hits and drops.



Features

- High SPL.
- Light weight.
- Ideal for restaurants, bars, terraces and any outdoor applications.
- White and black colour available.
- Wall-mount bracket included.
- High Efficiency Speakers.
- Available in black and white colour.

Transducers	ATHOS 6	ATHOS 8	ATHOS 10
LF Driver :	6.5", 1.5" voice coil	8", 2" voice coil	10", 2.5" voice coil
HF Driver :	1" Polymer Diaphragm	1" Polymer Diaphragm	1" Polymer Diaphragm
Nominal Impedance :	8 Ohm	8 Ohm	8 Ohm
Transformer :	60W@100V (30W@70V)	60W@100V (30W@70V)	60W@100V (30W@70V)
RMS Power (1) :	125W (32Vrms)	150W (35Vrms)	200W (40Vrms)
Program Power (2) :	250W	300W	400W
Peak Power (3) :	500W (64V peak)	600W (70V peak)	800W (80V peak)
Sensitivity (2.83v@1m) :	91dB SPL	96dB SPL	98dB SPL
Peak SPL (4) :	118 dB SPL	124dB SPL	127dB SPL
Frequency Range (-10dB) (5) :	130Hz-20kHz	96Hz-19.4kHz	90Hz-17.2kHz
Frequency Range (-6dB) (5) :	145Hz-17kHz	105Hz-19kHz	100Hz-15.6kHz
Horizontal Coverage (-6dB) :	80°	80°	80°
Vertical Coverage (-6dB) :	80°	80°	80°
Recommended High Pass Filter :	Butterworth 24dB/Oct, 90Hz	Butterworth 24dB/Oct, 65Hz	Butterworth 24dB/Oct, 65Hz
Cabinet Material :	Fiberglass	Fiberglass	Fiberglass
IP Rate :	IP54	IP54	IP54
Dimensions (WxHxD) :	317x192x179 mm	385x243x202 mm	477x300x249 mm
Weight :	6 Kg	9.5 Kg	12.5 Kg

(1) Based on a 2h power test run with pink noise, 6dB crest factor, IEC filtered
 (2) Conventionally, 3dB higher than the RMS Power
 (3) Corresponds to the crest factor for the test described in 1
 (4) Calculated based on Peak Power and Sensitivity
 (5) Free Field



ATHOS 6

ATHOS 8

ATHOS 10



Wall-mount bracket included.

WND series

Installation loudspeakers



WND 8W /
WND 8W A

WND 6B /
WND 6B A

WND 6W /
WND 6W A

WND 8B /
WND 8B A

Thanks to their trapezoidal design and speaker's distribution, WND loudspeakers can be used as commercial projectors or grouped to form a cluster.

Each loudspeaker is composed of 2 woofers and 1 high frequency driver for a large sound dispersion. Their combination provides an excellent output frequency mix, a well-balanced sound for short distances and a great medium frequency response.

A self-powered version of each model is now available: WND 6A and WND 8A. They feature Master volume control as well as balanced Combi XLR inputs and Euroblock.

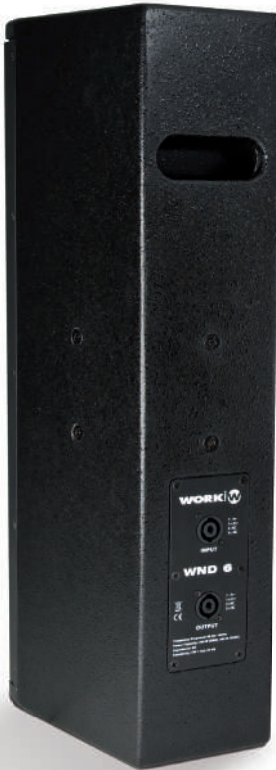
Taking into account their shape and the 2 available colours (black and white finish), WND loudspeakers are perfectly appropriate for commercial audio applications, providing flexibility and sound quality.

Features

- Versatile, two way trapezoidal loudspeakers.
- The self-powered version is available.
- Excellent output frequency mix.
- Well-balanced sound for short distances.
- Available in black and white finish.



WND 8A



WND 6



Metal accessory:
ACB-1



Bracket mdl:
STB-5



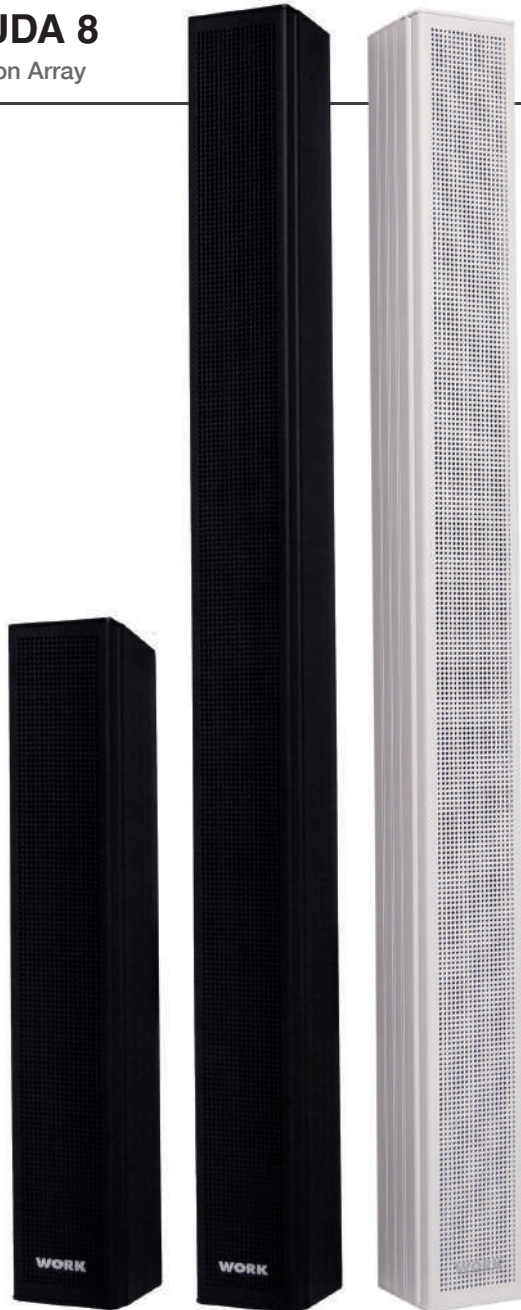
*Bracket model:
STB-6B
STB-6W
STB-8B
STB-8W

Technical data	WND 6	WND 8
Type:	Trapezoidal loudspeaker.	Trapezoidal loudspeaker.
Elements:	2 x 6.5" woofer + 1.35" TWT.	2 x 8" woofer + 1.35" TWT.
Power handling:	400 W Continuous / 800 W Peak.	500 W Continuous / 1000W Peak.
Impedance:	8 Ω.	8 Ω.
Input connectors:	2 x XLN4.	2 x XLN4.
Sensitivity:	93 dB @ 1m/1W.	95 dB @ 1m/1W.
Max SPL:	116 dB.	119 dB.
Frequency response:	68 Hz – 18 kHz.	54 Hz – 18 kHz.
Dispersion (H x V):	120° x 60°.	100° x 50°.
Material (housing):	MDF wood.	MDF wood.
Material (grille):	Iron.	Iron.
Dimensions (WxHxD):	215 x 610 x 220 mm.	260 x 700 x 270 mm.
Weight:	13.3 kg.	17.4 kg.

Technical data	WND 6A	WND 8A
Type:	2 way self-powered loudspeaker.	2 way self-powered loudspeaker.
Elements:	2 x 6.5" woofer + 1.35" TWT.	2 x 8" woofer + 1.35" TWT.
Amplifier power:	400 W.	400 W.
Input connectors:	XLR Combi + Euroblock.	XLR Combi + Euroblock.
Input sensitivity:	200 mV (unbalanced) - 100 mV (unbalanced) -	200 mV (unbalanced) - 100 mV (unbalanced) -
Frequency response:	70 Hz - 18 kHz.	60 Hz - 18 kHz.
Dispersion (H x V):	50° - 100° x 55°.	50° - 100° x 55°.
Material (housing):	MDF wood.	MDF wood.
Material (grille):	Iron.	Iron.
Main supply:	AC 115 - 230 V.	AC 115 - 230 V.
Dimensions (WxHxD):	215 x 610 x 220 mm.	260 x 700 x 270 mm.
Weight:	15.90 kg.	20.70 kg.

UDA 16 / UDA 8

Uniform Dispersion Array



The UDA series array system is a new concept of modular column. Thanks to its specifically system of filters and its 8 or 16 transducers (depending on the model) this join allows to keep a tight and constant dispersion in most of its wide frequency response. Its vertical dispersion control means to decrease possible architectural acoustics problems, allowing to sound complex rooms with possible sound problems.

The UDA devices focus most of the energy in the main lobe on the audience coverage, preventing uncontrolled beams that generate unwanted reflections which create an increase in the reverberation, which makes difficult the intelligibility. Moreover, its special design allows to reproduce a highly directional vertical coverage and to achieve cylindrical sound waves. The traditional sources present 6 dB drops when the distance between the source and the listener is doubled, while the directivity control can reduce this loss in 3 dB as the UDA 8 & UDA 16 don't disperse the energy in the vertical axis.

Features

- Total control of vertical beam width.
- Uniform dispersion array (constant frequency response).
- Cylindrical waveform (Line Array effect).
- Music and speech intelligibility.
- Stackable columns.
- Elegant and compact design.

Technical data	UDA 8	UDA 16
Elements	8x 2.75" full range speakers	16x 2.75" full range speakers
RMS power (1)	200 W (40V rms)	400 W (56.6V rms)
Program power (2)	400 W	800 W
Peak power (3)	800 W (80V peak)	1600 W (113V peak)
70V/100V transformer (UDA 16 TL)	60 W	120 W
Sensitivity (SPL@ 1m)	90dB SPL	96dB SPL
Peak SPL (4)	119dB	122dB (1un.) – 128dB (2un.)
Frequency response (5) (-10dB)	150 Hz – 23 kHz	150 Hz – 23 kHz
Frequency response (5) (-6dB)	170 Hz – 20 kHz	170 Hz – 20 kHz
Horizontal coverage (-6dB)	140°	140°
Vertical coverage (-6dB)	20°	22° (1un.) – 11° (2un.)
Nominal Impedance	8 ohm	8 ohm
Recommended HPF	100 Hz, Butterworth 24dB/Oct	100 Hz, Butterworth 24dB/Oct
Connectors	Terminals & XNL 4	Terminals & XNL 4
Colour	Black (RAL9011) White (RAL9016)	Black (RAL9011) White (RAL9016)
IP rating	IP 65	IP 65
Mounting system	Rear rail	Rear rail
Enclosure	Aluminium trapezoid shape	Aluminium trapezoid shape
Dimensions (WxHxD)	105 x 571 x 112 mm	105 x 1143 x 112 mm
Weight	5,1 kg	11,2 kg
Accessories	Wall 16 (included) – Sub 16/2, SPK 16/2 (Optional)	

UDA 16 / UDA 8

Column Array

Conventional PA systems vs. Array Column Systems

Conventional PA systems provide high power levels but lack controlled directional coverage. Not all the frequencies reach the audience properly, making music and speech intelligibility very difficult.

With the distance, conventional PA systems easily lose sound pressure level. This insufficient reach leads to a lack of clarity for the audience located at the back of the room (whereas levels at the front are too loud). At the same time, low frequencies pressure decreases faster than high frequencies, producing a different listening for each person depending on their position in the room.

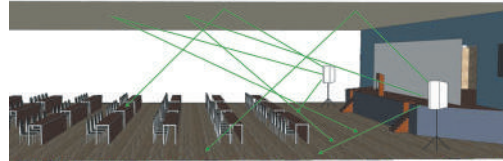
The array column system UDA 8 & 16 has been designed to provide an efficient solution to these main issues. The efficient control of vertical beam width provides a more targeted sound transmission to audience areas. It also attenuates potential reflections from walls and ceilings, improving speech intelligibility.

Thanks to the Uniform Dispersion Control of the beam, it is possible to maintain constant the frequency response in a wide range of the frequency band in all the area that has to be covered.

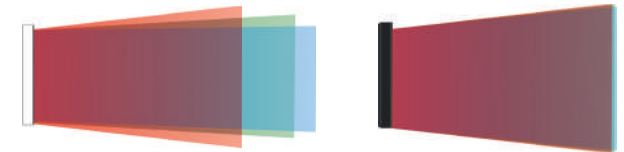
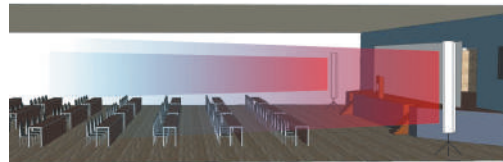
The cylindrical dispersion generated by the position of the transducers (line array effect) has direct consequences on the sound pressure level, which only decreases by 3 dB each time the distance doubles. It becomes easier for technicians to adjust sound levels and reach all the audience, without having to disturb the audience located in the first rows with very loud listening levels.

Conventional Line Array System vs. Uniform Dispersion Array
The main advantage of a controlled beam (Uniform dispersion) line array systems is that the audio spectrum that wants to be reproduced has the same dispersion in all the band giving a CONSTANT directivity index (see figure), against the conventional array systems which the directivity are directly dependent of the frequency, which means different frequency remains in different dispersion so the energy audio levels received by the audience varies in frequency hearing consequently a different sound that the one reproduced by the system.

CONVENTIONAL PA SYSTEM

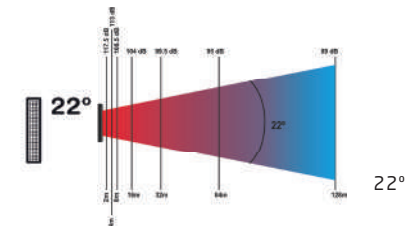


LINE ARRAY COLUMN SYSTEM

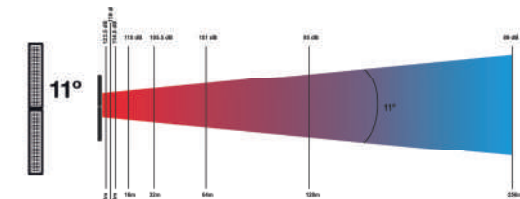


Band dispersion of a conventional array (approximate figure)

LOW MID TREBLE



SPL Max @ 1m (122 dB)



SPL Max @ 1m (128 dB)

11°

Accessories available with different inclination degrees and fixing points.

Wall 16



Sub 16/2



Spk 16/2



UDA 16 TL



Transformer for conversion of low impedance into high impedance. It allows to connect UDA 16 column loudspeaker to a 100V line amplifier. It has been designed to blend in any installation with UDA 16 taking advantage of the same DIN rail. Connection through terminals.

CS series

Column speakers



Inputconnection.

The **CS series** includes three column speakers designed for audio diffusion in churches, train stations and almost any other places where a clear understanding of the message is essential, even with a large audio dispersion.

The three models can be installed in any 100 V Line installations.

They all include a power tap selector to adjust output to installation requirements. Made of aluminium, they feature an elevate IP range (IP 66) which increases possibilities, as they are also suitable for outdoor applications.

Features

- Column speakers with a large audio diffusion.
- Designed for a clear understanding of announcement.
- Suitable for high impedance (100 V) voltage line installations.
- Especially adequate for churches, train stations and colleges.
- Elevate IP range (66) for outdoor use.

Technical data	CS 206	CS 210	CS 214
Type:	Column speaker.	Column speaker.	Column speaker.
Elements:	6 x 2" woofer (full range) + 1" TWT.	10 x 2" woofer (full range) + 1" TWT.	14 x 2" woofer (full range) + 1" TWT.
Power taps (100 V line):	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω).	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω).	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω).
(*) Power taps (70 V Line):	15 W (326 Ω) / 7.5 W (653 Ω) / 3.75 W (1k3 Ω).	15 W (326 Ω) / 7.5 W (653 Ω) / 3.75 W (1k3 Ω).	15 W (326 Ω) / 7.5 W (653 Ω) / 3.75 W (1k3 Ω).
Frequency response:	180 Hz – 16 kHz.	180 Hz – 16 kHz.	180 Hz – 12 kHz.
Sensitivity (1W/1m):	91 dB.	91 dB.	91 dB.
Max. SPL:	105 dB.	105 dB.	105 dB.
Dispersion (H/V):	165°/55°.	165°/50°.	165°/75°.
IP range:	IP 66.	IP 66.	IP 66.
RAL colour code:	9010.	9010.	9010.
Material (housing):	Aluminium.	Aluminium.	Aluminium.
Material (grille):	Aluminium.	Aluminium.	Aluminium.
Dimensions (LxWxH):	506 x 75 x 70 mm.	721 x 75 x 70 mm.	937 x 75 x 70 mm.
Weight:	2.2 kg.	3.1 kg.	3.9 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

ZERO series

Active Subwoofers



ZERO Series is a new series of Subwoofers which complement the Arion Series from WORK PRO designed for fixed and portable sound applications because on both cases, users are looking for compact size but powerful response. Zero Active series is composed of 2 models, Z15 AS (single 15”), Z18 AS (Single 18”) with a Class D amplifier which combined with the built-in DSP makes a perfect sound adjustment for each model.

Made for an impact bass

Being a direct radiation design, it has a great impulsive response and compact size (which becomes in “punch” bass) making it very suitable for direct sound and/or music clubs or discotheque. In addition, the powered version takes even more from the unit because of the built-in preadjusted DSP and the high efficient class-D Amplifier.

Cardioid Pattern possibilities

Thanks to the direct radiation design, Zero subwoofers are designed to make a Cardioid pattern configuration if needed. With Cardioid configuration it reduces (almost eliminates) the low frequencies radiation backwards removing the effect of low frequencies in the stage where the musicians are, and allowing to clearly listen the monitor speakers at the stage.

Portable and durable

With a 21mm high quality plywood and rugged powder coated grill, the construction is designed to resist the touring mobility but also it has been designed to be portable because of the very compact size.



Z 15 AS Features

- Subwoofer in active configuration.
- Incorporates 15” woofer.
- Bass reflex design.

Z 18 AS Features

- Subwoofer in active configuration.
- Incorporates 18” woofer.
- Bass reflex design.



M20 screwed insertion.
Recommended bracket: SH 120

Technical data	Z 15 AS
Type:	Active Subwoofer
Components:	15” woofer
Frequency response:	42 Hz - 120 Hz (±3 dB)
Power :	1000 W Continuous.
Max SPL.:	123 dB // 129 dB Peak
Dispersion (H x V):	Omnidirectional
Nominal input signal:	1.2 V // 3.8 dBu
Input impedance:	10 kΩ
Damping Factor:	>400
Slew Rate:	1.5 V/μs
Input connector:	2xRCA (Unbalanced) /XLR (Balanced)
Power supply:	AC 100-120/220-240 V, 60/50 Hz
Dimensions (WxHxD):	521x490x495 mm
Weight:	34.8 kg

Technical data	Z 18 AS
Type:	Active Subwoofer
Components:	18” woofer
Frequency response:	38 Hz - 120 Hz (±3 dB)
Power :	1000 W Continuous.
Max SPL.:	123 dB // 129 dB Peak
Dispersion (H x V):	Omnidirectional
Nominal input signal:	1.2 V // 3.8 dBu
Input impedance:	10 kΩ
Damping Factor:	>400
Slew Rate:	1.5 V/μs
Input connector:	2xRCA (Unbalanced) /XLR (Balanced)
Power supply:	AC 100-120/220-240 V, 60/50 Hz
Dimensions (WxHxD):	618x538x573 mm
Weight:	42.3 kg

CEILING SPEAKERS



PURE PRO series

Ceiling speakers

This powerful installation loudspeaker range incorporates an innovative frameless grille with two interesting features. On one hand, it can be painted, so users can customize its colour for a perfect integration with the space. On the other hand, the grille can be easily attached and detached thanks to its fast mounting installation system through magnets. The grille cover almost the total surface of the loudspeaker, increasing its capacity to fit and making it a discrete and stylish solution.

Once installed, it is possible to swivel the tweeter to control the directionality in order to enhance the audio experience. PURE PRO Series is composed of four models with different loudspeaker diameters and power outputs, which make them suitable for different requirements. Contractors can rely on a powerful solution, easy to install and integrate, for their low impedance and line voltage projects.

C PRO 4



C PRO 6



C PRO 8



C PRO 8 Sub



C PRO 4 and C PRO 6 enclosure



Grille fixation system based on magnet



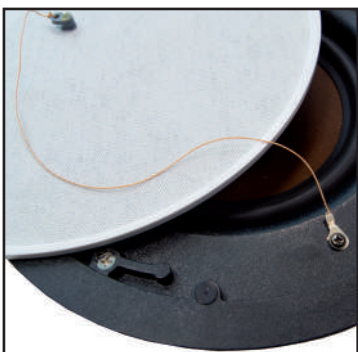
Swivel tweeter. (C PRO 4 and C PRO 6).



Features

- 2-way loudspeaker series designed for fixed installations (except C PRO 8 Sub).
- Swivel tweeter (except C PRO 8 and C PRO 8 Sub).
- Suitable for high impedance (70V/100V) voltage.
- Line and low impedance (8Ω) installations.
- Power output selection through multi-position switch (except C PRO 8 and C PRO 8 Sub).
- Innovate magnetic grille for an easy access to power tap selector.
- Euroblock screw terminal for easier installation.
- Frameless grilles with magnet system.

C Pro 8 Sub completes the PURE PRO series, offering a 8" subwoofer ceiling speaker to enhance bass frequencies.



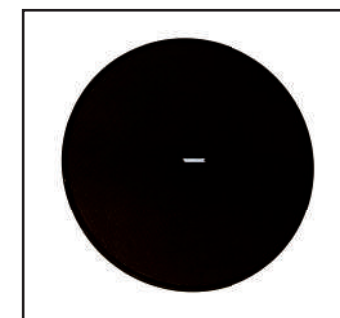
All the products of the PURE PRO series includes a security cable fixed to the grille.



The grille material cover can be painted with a different colour to integrate the device with the room decoration.

Technical data	C PRO 4	C PRO 6	C PRO 8
Type:	Two way ceiling speakers		Ceiling speaker
Elements:	4" woofer + 3/4" TWT.	6.5" woofer + 1" TWT.	8" woofer
Power taps (100 V line):	20 W (500 Ω) / 10 W (1 kΩ) / 5 W (2 kΩ) / 2.5 W (4 kΩ).	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω) / 3.75 W (2k6 Ω).	40 W / 20 W / 10 W.
Power taps (70 V line):	10 W (500 Ω) / 5 W (1 kΩ) / 2.5 W (2 kΩ) / 1.25 W (4 kΩ).	15 W (333 Ω) / 7.5 W (666 Ω) / 3.75 W (1k3 Ω) / 1.8 W (2k6 Ω).	-----
Power taps (low impedance):	20 W at 8 Ω.	30 W at 8 Ω.	40 W at 8 Ω.
Frequency response:	90 Hz - 20 kHz.	60 Hz - 20 kHz.	58 Hz - 20 kHz.
Sensitivity (1W/1m):	87 dB.	88 dB.	90 dB.
Max SPL:	101 dB.	102 dB.	109 dB.
RAL colour code:	RAL 9016.		
Material (housing):	ABS plastic		
Material (grille):	Metal.		
Mounting dimensions (Ø x D):	180 x 30 mm (max ceiling thickness)	240 x 30 mm (max ceiling thickness)	250 x 30 mm (max ceiling thickness)
Dimensions (Ø x D):	Ø 204 x 137 mm.	Ø 267 x 162 mm.	Ø 281 x 110 mm.
Weight:	2.1 kg.	2.7 kg.	3.1 kg.

Technical data	C PRO 8 SUB
Type:	Subwoofer ceiling speakers.
Nominal beamwidth:	Omnidirectional.
Elements:	8" woofer.
Power taps (100 V line):	40 W / 20 W / 10 W.
Power handling:	160 W Continuous / 320 W Peak.
Nominal impedance:	@ 4Ω
Frequency response:	78 Hz - 250 Hz. (± 3dB) / 50 Hz - 315 Hz. (- 10dB)
Sensitivity (1W/1m):	90 dB.
Max SPL:	109 dB / 115 dB Peak.
RAL colour code:	RAL 9016.
Material (housing):	ABS plastic.
Material (grille):	Metal.
Mounting dimensions (Ø x D):	180 x 30 mm (max ceiling thickness)
Dimensions (Ø x D):	Ø 281 x 110 mm.
Weight:	3.1 kg.



Available black color grille for C Pro 8 models.

SCPRO series

Smart Ceiling speakers

The new SC PRO ceiling speakers series incorporates 3 self-powered devices with attractive features which allow to make a big number installations and diversify the control possibilities.

Like common features, the 3 models integrate a 2x20W power amplifier (SCPRO 4A BL: 2x6W using PoE), monitor outputs to send the pre-amplified to another powered device and 2 operating modes: Bridge and Dual which allows to enlarge the audio points and distribute the power output.

All these feature incorporated in a ceiling loudspeaker which integrate a 4" woofer and Tweeter integrated in a metallic enclosure and a grille with fixation system based in magnets.

SCPRO 4A : This device integrates a 2x20W amplifier and monitor outputs. Likewise, its 2 operating modes (Bridge and Dual) allows to obtain 2 specific installation types, in the one hand an individual amplification of the device, and, in the other hand, to provide an installation with this active loudspeaker and other 3 passive devices linked and allowing greater distribution of audio in the room.

SCPRO 4A BT: This model incorporates the same features as the previous model, integrating the possibility to send audio signal through Bluetooth compatible device like smartphone. This signal will mix with the analogic audio input, allowing, for example, to use Bluetooth as background music and the analogic signal as emergency.

These 2 models incorporate a terminal which allows to set the amplifier in Standby mode.

SCPRO4A BL: This model has been designed in order to integrate it with Blue-Line systems. It consist of an self-powered audio streaming receiver than can be supplied by PoE and incorporate connection for a remote control through wall-mount controller BLC 1, allowing an autonomous control. Likewise, the device incorporates 2 GPI, therefore, a typical functionality could be the connection of an alarm sensor which start the loudspeaker, operating like emergency.



SCPRO 4A



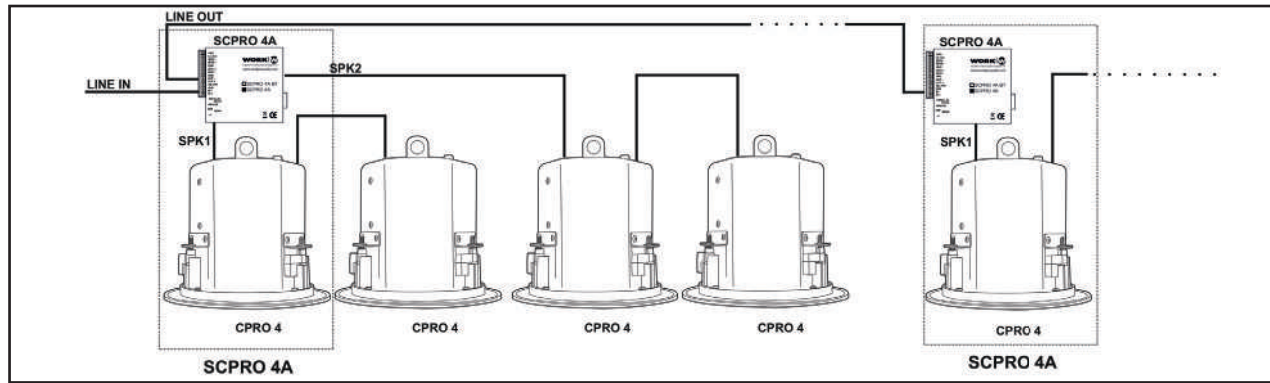
SCPRO 4A BT



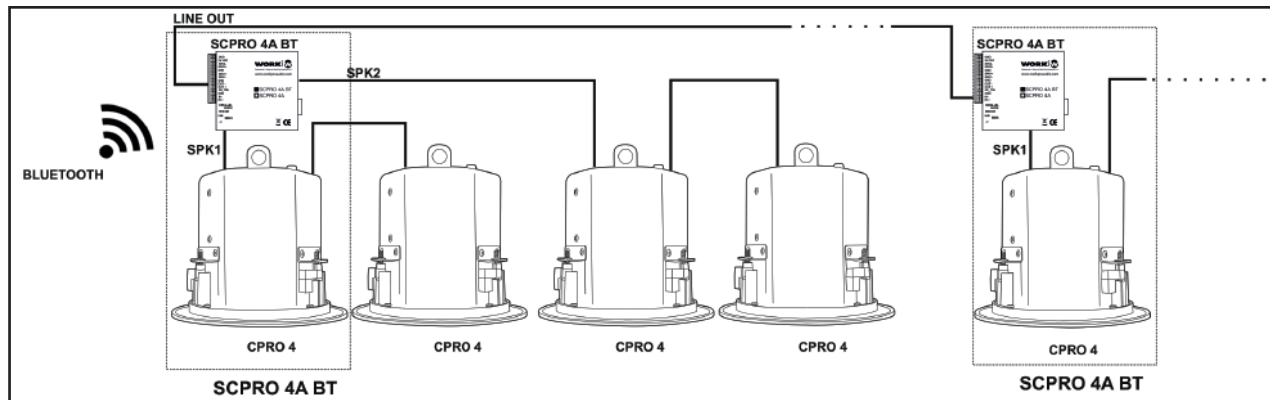
SCPRO 4A BL



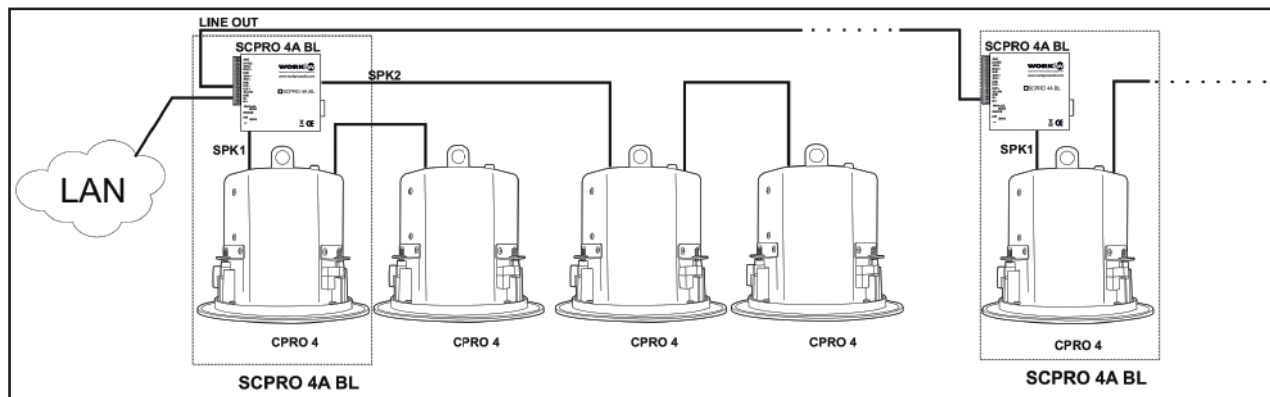
SC PRO 4 A



SC PRO 4 BT

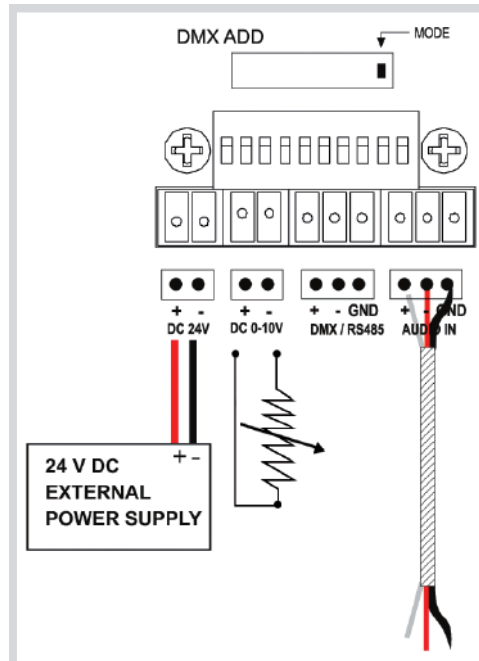


SC PRO 4 BL



IC 6 PRO A

Remotely controlled self-powered loudspeaker



IC 6 PRO A can directly control the volume with a simple potentiometer connected to DC 0-10V pins.



IC 6 PRO A. Connections for DMX channel selection.

Main supply 24V - 1.7A (OPTIONAL)

Main supply (IC 6 PRO A).



IC 6 Pro A is an innovative ceiling speaker that includes a 25 W amplifier controlled by DMX.

IC 6 Pro A can cover many zones (512 zones per universe). This is a convenient solution for integrators who need order to control each speaker independently through a DMX console.

Taking advantage of digital control.

DMX is a protocol that has been initially designed for lighting consoles, but it is also well-known

by integrators because it is compatible with the most common control devices (Creston, AMX, etc.). Each IC 6 Pro A uses a DMX channel for volume control and to switch on/off the amplifier (Standby mode for energy savings). A DIP switch is available on rear panel to select the start DMX address.

Self-powered speaker.

IC 6 Pro A drives up to 25 W (8 Ω) thanks to its built-in class D amplifier. It also features a balanced input to use long distance cables in the installation.

Features

- Self-powered, two way ceiling speaker.
- 25 W class D amplifier.
- RS485/DMX or Analog signal (DC 0-10 V) for volume control.
- Power On/Off (standby) through DMX.
- Balanced input signal.
- DIP switch for DMX address selection.
- White LED on front panel to indicate if the unit is turned on.

Technical data	IC 6 PRO A
Type:	Self-powered two way ceiling speaker.
Elements:	6.5" woofer + 3/4" TWT.
Amplifier power:	25 W at 8 Ω.
Frequency response:	60 Hz - 20 kHz.
Input impedance:	10 kΩ.
Sensitivity (1W/1m):	88 dB.
Max SPL:	102 dB.
RAL colour code:	RAL 9003.
Material (housing):	ABS plastic.
Material (grille):	Powder coated iron mesh.
Mounting dimensions (Ø x D):	220 mm x 30 mm (max ceiling thickness).
Dimensions (Ø x D):	241 x 171 mm.
Weight:	2.8 kg.

IC PRO series

Ceiling speakers

The **IC Pro** series of **WORK PRO®** is composed of three ceiling speakers with separate woofer and tweeter. They provide high sound quality in your installation.

They are made of high impact resistance ABS plastic and feature a metal grille as well as a metal back enclosure which contains the crossover network and transformer. A bass reflex design, coupled with extended enclosure volume and bass resonance tube provide better bass extension.

They are suitable for high impedance (70 V, 100 V) voltage line and low impedance (8 Ω) installations. The power tap selector is accessible from the front of the speaker so levels can be adjusted after installation. They also have a detachable Euroblock connector, contained within a metal compartment for ease of installation.

Features

- Two way ceiling speakers designed for retail stores and halls.
- Separate woofer and tweeter with low frequency tube resonator for excellent sound quality.
- Suitable for high impedance (70 V, 100 V) voltage line and low impedance (8 Ω) installations.
- High resistance ABS housing with metal grille and metal rear cover.
- Power tap selector accessible from the front of the speaker.



IC 4 PRO

IC 6 PRO

IC 4 PRO R



IC 4 PRO S Also available in silver.
IC 6 PRO S



Technical data	IC 4 PRO	IC 4 PRO R	IC 6 PRO
Type:	Two way ceiling speaker.	Two way ceiling speaker.	Two way ceiling speaker.
Elements:	4" woofer + 3/4" TWT.	4" woofer + 3/4" TWT.	6.5" woofer + 3/4" TWT.
Power taps (100 V line):	8 W (1k2 Ω) / 4 W (2k5 Ω) / 2 W (5 kΩ) / 1 W (10 kΩ).	8 W (1k2 Ω) / 4 W (2k5 Ω) / 2 W (5 kΩ) / 1 W (10 kΩ).	50 W (200 Ω) / 30 W (333 Ω) / 15 W (666 Ω) / 5 W (2 kΩ).
Power taps (70 V line):	8 W (612 Ω) / 4 W (1k22 Ω) / 2 W (2k5 Ω) / 1 W (4k9 Ω).	8 W (612 Ω) / 4 W (1k22 Ω) / 2 W (2k5 Ω) / 1 W (4k9 Ω).	50 W (98 Ω) / 30 W (163 Ω) / 15 W (326 Ω) / 5 W (980 Ω).
Low impedance output:	30 W at 8 Ω.	30 W at 8 Ω.	60 W at 8 Ω.
Frequency response:	80 Hz – 20 kHz.	80 Hz – 20 kHz.	60 Hz – 20 kHz.
Sensitivity (1W/1m):	88 dB.	88 dB.	88 dB.
Max SPL:	95 dB.	96 dB.	104 dB.
RAL colour code:	RAL 9003.	RAL 9003.	RAL 9003.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Material (grille):	Powder coated iron mesh.	Powder coated iron mesh.	Powder coated iron mesh.
Mounting dimensions (Ø x D):	170 x 30 mm. (max ceiling thickness).	190 x 190 mm 30 mm. (max ceiling thickness).	220 mm x 30 mm. (max ceiling thickness).
Dimensions (Ø x D):	185 x 130 mm.	210 x 210 x 115 mm (WxHxD).	240 x 190 mm.
Weight:	2.2 kg.	2.4 kg.	3 kg.

IC T 50/60/80

Ceiling speakers



IC 80T



IC 60T



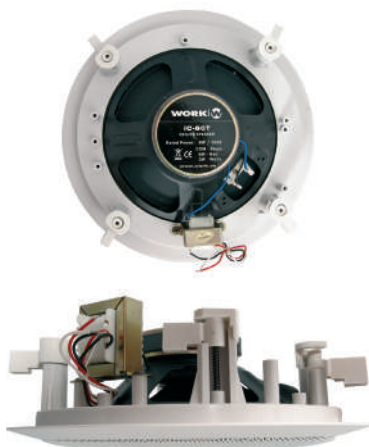
IC 50T

These three professional ceiling speakers are designed to offer a professional solution to contractors on a budget. They are all suitable for small audio installations like retail stores and small rooms.

They feature a light, quick installation system and clean design for a perfect integration. In order to ensure a long lifetime, they are made of strong ABS plastic which protects them from heat.

Features

- Ceiling speakers with full range woofer.
- Suitable for high impedance (100 V) voltage line installations.
- High resistance ABS housing with metal grille.
- Easy, fast and safe fastening system.



Technical data	IC 50T	IC 60T	IC 80T
Type:	Full range ceiling speakers.	Full range ceiling speakers.	Full range ceiling speakers.
Elements:	5" woofer.	6" woofer.	8" woofer.
Power taps (100 V line):	6 W (1k6 Ω) / 3 W (3k3 Ω).	6 W (1k6 Ω) / 3 W (3k3 Ω).	6 W (1k6 Ω) / 3 W (3k3 Ω).
(*) Power taps (70 V line):	3 W (1k6 Ω) / 1.5 W (3k2 Ω).	3 W (1k6 Ω) / 1.5 W (3k2 Ω).	3 W (1k6 Ω) / 1.5 W (3k2 Ω).
Frequency response:	110 Hz - 18 kHz.	110 Hz - 18 kHz.	50 Hz - 18 kHz.
Sensitivity (1W/1m):	88 dB.	88 dB.	88 dB.
Max SPL:	95 dB.	95 dB.	95 dB.
RAL colour code:	RAL 9016.	RAL 9016.	RAL 9016.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Material (grille):	Powder coated iron mesh.	Powder coated iron mesh.	Powder coated iron mesh.
Mounting dimensions (Ø x D):	170 x 30 mm (max ceiling thickness).	200 x 30 mm (max ceiling thickness).	240 x 30 mm (max ceiling thickness).
Dimensions (Ø x D):	Ø 203 x 80 mm.	Ø 230 x 80 mm.	Ø 270 x 85 mm.
Weight:	0.70 kg.	0.90 kg.	1.2 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

IC T 511/611/811

Ceiling speakers

Designed for commercial audio applications, these three ceiling speakers take advantage of a high quality coaxial transducer to provide quality sound results.

Their power tap selector makes them suitable for high impedance (70 V, 100 V) voltage line and low impedance (8 Ω) installations. The transformer is contained within a metal can enclosure to improve response.



IC 511T



IC 611T



IC 811T

Features

- Two way ceiling speakers for commercial audio applications.
- Suitable for high impedance (70/100 V) voltage line and low impedance (8 Ω) installations.
- High resistance ABS housing with metal grille.
- Full protection of the transformer.
- Easy, fast and safe fastening system.



Technical data	IC 511T	IC 611T	IC 811T
Type:	Two way ceiling speakers.	Two way ceiling speakers.	Two way ceiling speakers.
Elements:	5" woofer + 0.5" TWT.	6" woofer + 0.5" TWT.	8" woofer + 0.5" TWT.
Power taps (100 V line):	20 W (500 Ω) / 10 W (1 kΩ) / 5 W (2 kΩ) / 2.5 W (4 kΩ).	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω) / 3.8 W (2k6 Ω).	40 W (250 Ω) / 20 W (500 Ω) / 10 W (1 kΩ) / 5 W (2 kΩ).
Power taps (70 V line):	20 W (245 Ω) / 10 W (490 Ω) / 5 W (980 Ω) / 2.5 W (1k96 Ω) / 1.25 W (3k92 Ω).	30 W (163 Ω) / 15 W (326 Ω) / 7.5 W (653 Ω) / 3.8 W (1k3 Ω) / 1.9 W (2k6 Ω).	40 W (122 Ω) / 20 W (245 Ω) / 10 W (490 Ω) / 5 W (980 Ω) / 2.5 W (1k96 Ω).
Power taps (low impedance):	20 W at 8 Ω.	30 W at 8 Ω.	40 W at 8 Ω.
Frequency response:	100 Hz - 20 kHz.	90 Hz - 20 kHz.	50 Hz - 20 kHz.
Sensitivity (1W/1m):	88 dB.	88 dB.	88 dB.
Max SPL:	101 dB.	102 dB.	104 dB.
RAL colour code:	RAL 9016.	RAL 9016.	RAL 9016.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Material (grille):	Powder coated iron mesh.	Powder coated iron mesh.	Powder coated iron mesh.
Mounting dimensions (Ø x D):	170 x 30 mm (max ceiling thickness).	200 x 30 mm (max ceiling thickness).	240 x 30 mm (max ceiling thickness).
Dimensions (Ø x D):	Ø 203 x 145 mm.	Ø 230 x 150 mm.	Ø 270 x 185 mm.
Weight:	1.80 kg.	2.3 kg.	3.1 kg.

IC T 500/600/800

Ceiling speakers

These three professional ceiling speakers are designed to offer an economic and professional solution to contractors. They are suitable for small audio installations as shops and small rooms.

They are light, have a quick mounting system and a simple design. They are made of a very resistant ABS plastic that protects them from heat and ensures long lifetime.



IC 800T



IC 600T



IC 500T



Features

- Ceiling speakers with full range woofer.
- Suitable for high impedance installations (70/100 V).
- Transformer with 4 selectable inputs.
- Very resistant ABS plastic enclosure and metallic grille.
- Quick mounting system.

Technical data	IC 500T	IC 600T	IC 800T
Type:	Two way ceiling speakers.	Two way ceiling speakers.	Two way ceiling speakers.
Elements:	5" woofer.	6" woofer.	8" woofer.
Power (100 V line):	6 W (1k6 Ω) / 3 W (3k2 Ω).	6 W (1k6 Ω) / 3 W (3k2 Ω).	6 W (1k6 Ω) / 3 W (3k2 Ω).
Power (70 V line):	3 W (1k6 Ω) / 1.5 W (3k2 Ω).	3 W (1k6 Ω) / 1.5 W (3k2 Ω).	3 W (1k6 Ω) / 1.5 W (3k2 Ω).
Frequency response:	110 Hz - 18 kHz.	110 Hz - 18 kHz.	50 Hz - 18 kHz.
Sensitivity (1W/1m):	92 dB.	92 dB.	92 dB.
Max SPL:	99 dB.	99 dB.	99 dB.
RAL colour code:	RAL 9016.	RAL 9016.	RAL 9016.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Material (grille):	Powder coated iron mesh.	Powder coated iron mesh.	Powder coated iron mesh.
Mounting dimensions (Ø x D):	170 x 30 mm (max ceiling thickness).	200 x 30 mm (max ceiling thickness).	240 x 30 mm (max ceiling thickness).
Dimensions (Ø x D):	Ø 203 x 145 mm.	Ø 230 x 150 mm.	Ø 270 x 185 mm.
Weight:	1.2 kg.	1.5 kg.	2.3 kg.

IC T 550/660/880

Ceiling speakers

8 seconds that make the difference.

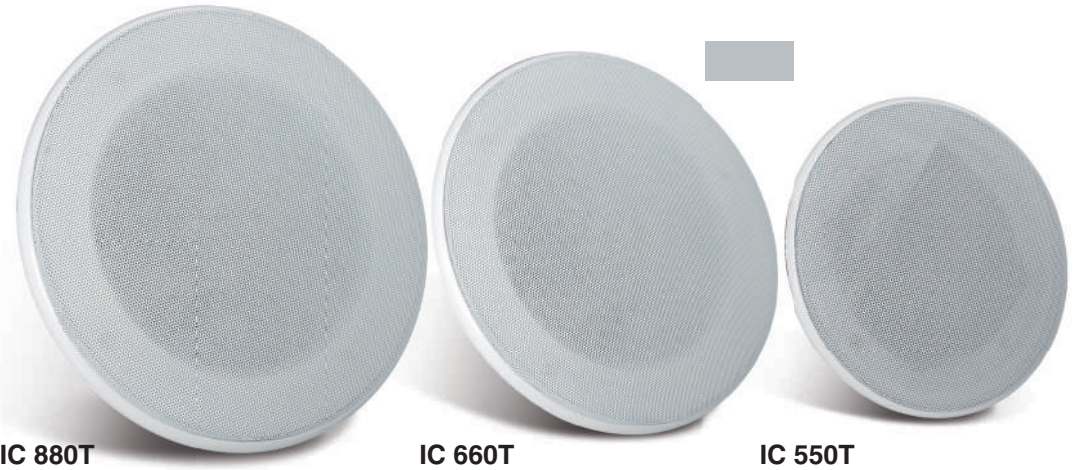
8 seconds, this is the time a contractor need to install these ceiling speakers. Forget about screws and any other slow mounting system: you only have to press the buttons to trigger clamps and directly fix speakers to the ceiling.

This fast-mounting system is 10 times faster than any other system, so contractors will save many time and increase their efficiency.

This unique and patented system is also very easy to use. Anyone can install speakers, no need to be an expert.

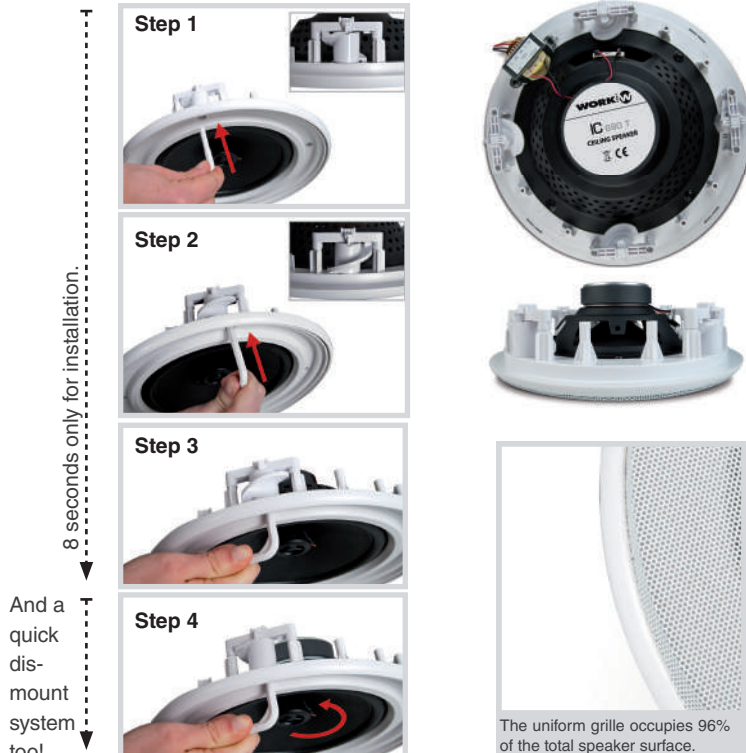
One of the main tendency in installation design is to hide the plastic parts of ceiling speakers. The IC T series features an ultra thin frame design with a uniform grille which occupies 96% of the total speaker surface.

In order to provide a high quality sound, the IC T ceiling speakers include an efficient two way system, perfectly adequate for background music.



Features

- Two way ceiling speakers.
- Suitable for high impedance voltage line installations.
- Ultrafast fastening system (only 8 sec.), easy to install.
- The grille occupies 96% of the total speaker surface.
- Perfectly adequate for background music.



8 seconds only for installation.

And a quick dis-mount system too!

Technical data	IC 550T	IC 660T	IC 880T
Type:	Two way ceiling speakers.	Two way ceiling speakers.	Two way ceiling speakers.
Elements:	5 1/4" woofer + 0.5" TWT.	6 1/2" woofer + 0.5" TWT.	8" woofer + 0.5" TWT.
Power taps (100 V line):	6 W (1k6 Ω) / 3 W (3k3 Ω) / 1.5 W (6k6 Ω).	6 W (1k6 Ω) / 3 W (3k3 Ω) / 1.5 W (6k6 Ω).	6 W (1k6 Ω) / 3 W (3k3 Ω) / 1.5 W (6k6 Ω).
(*) Power taps (70 V line):	3 W (1k6 Ω) / 1.5 W (3k2 Ω) / 0.75 W (6k5 Ω).	3 W (1k6 Ω) / 1.5 W (3k2 Ω) / 0.75 W (6k5 Ω).	3 W (1k6 Ω) / 1.5 W (3k2 Ω) / 0.75 W (6k5 Ω).
Frequency response:	81 Hz - 20 kHz.	80 Hz - 20 kHz.	62 Hz - 20 kHz.
Sensitivity (1W/1m):	87 dB.	87 dB.	87 dB.
Max SPL:	95 dB.	95 dB.	95 dB.
RAL colour code:	RAL 9003.	RAL 9003.	RAL 9003.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Material (grille):	Powder coated iron mesh.	Powder coated iron mesh.	Powder coated iron mesh.
Mounting dimensions (Ø x D):	175 x 30 mm (max ceiling thickness).	213 x 30 mm (max ceiling thickness).	245 x 30 mm (max ceiling thickness).
Dimensions (Ø x D):	Ø 205 x 80 mm.	Ø 237 x 75 mm.	Ø 275 x 98 mm.
Weight:	1 kg.	1.12 kg.	1.54 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

RCS 403 Pro T

Ceiling speaker

RCS 403 Pro T is a ceiling speaker easy to install and designed for music diffusion and speech. It is suitable for high impedance (100 V) voltage line installations.

Housing is made of ABS plastic with a metal grille. Fixation with removable towing hook system ensures the perfect fastening of the ceiling speaker.



Features

- Ceiling speaker designed for music diffusion and speech.
- Suitable with for high impedance (100 V) voltage line installations.
- High resistance ABS housing with metal grille.
- Easy, fast and safe fastening system.

Technical data	RCS 403 Pro T
Type:	Full range ceiling speaker.
Elements:	4" woofer.
Power taps (100 V line):	6 W (1k6 Ω) / 3 W (3k3 Ω).
(*) Power taps (70 V line):	3 W (1k6 Ω) / 1.5 W (3k2 Ω).
Frequency response:	150 Hz - 18 kHz.
Sensitivity (1W/1m):	91 dB.
Max. SPL.:	95 dB.
RAL colour code:	9016.
Material (housing):	ABS plastic.
Material (grille):	Powder coated iron mesh.
Mounting dimensions (Ø x D):	Ø 125 x 30 mm (max ceiling thickness).
Dimensions (Ø x D):	Ø 140 x 130 mm.
Weight:	0.9 kg.

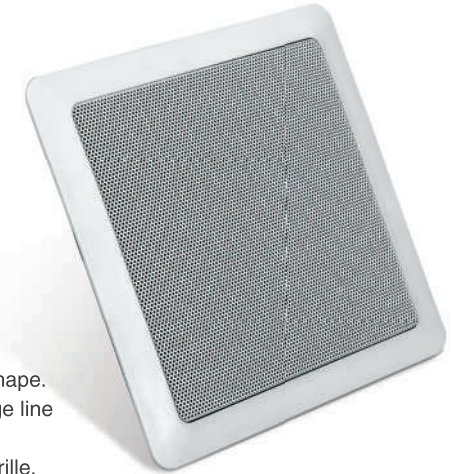
(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

RCS 204

Ceiling speaker

Contrary to other ceiling speakers, **RCS 204** has a square shape, offering an alternative to contractors and designers.

This full range ceiling speaker features an ABS plastic made housing and metal grille. It is suitable for high impedance (100 V) voltage line installations. Thanks to its size (220 x 220 mm), it can be installed in any place with conventional lighting.



Features

- Full range ceiling speaker with a square shape.
- Suitable for high impedance (100 V) voltage line installations.
- High resistance ABS housing with metal grille.
- Easy, fast and safe fastening system.

Technical data	RCS 204
Type:	Full range ceiling speaker.
Elements:	5" woofer.
Power taps (100 V line):	10 W (1kΩ) / 5 W (2kΩ) / 2.5 W (4kΩ).
(*) Power taps (70 V line):	5 W (1kΩ) / 2.5 W (2kΩ) / 1.25 W (4kΩ).
Frequency response:	90 Hz - 20 kHz.
Sensitivity (1W/1m):	89 dB.
Max. SPL.:	99 dB.
Material (housing):	ABS plastic.
Material (grille):	Powder coated iron mesh.
Mounting Dimensions:	185 x 185 x 30 mm (max ceiling thickness).
Dimensions:	220 x 220 x 95 mm.
Weight:	0,980 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

RCS series

In-wall speakers

RCS series includes three in-wall speakers designed for both background music systems and other commercial audio applications. They are molded in a high resistance ABS plastic and have a rectangular shape.

They feature an efficient 2 way or 3 way system with passive crossover filter. They are suitable for constant voltage line (100 V) installations and provide optimum results even at low frequencies, due to their wide frequency range.

Features

- In-wall speakers designed for any commercial audio applications.
- Rectangular shape.
- Two way system with passive crossover for RCS 001 and RCS 002.
- Three way system with passive crossover for RCS 003.
- Suitable for high impedance (100 V) voltage line installations.
- High resistance ABS housing with metal grille.



RCS 003

RCS 002

RCS 001



Technical data	RCS 001	RCS 002	RCS 003
Type:	Two way in-wall speaker.	Two way in-wall speaker.	Three way in-wall speaker.
Elements:	5" woofer + 1" tweeter.	6 1/2" full range woofer + 1" tweeter.	8" full range woofer + 2.5" tweeter + 1" silk dome.
Power taps (100 V line):	12 W (833 Ω) / 8 W (1k25 Ω) / 4 W (2k5 Ω).	20 W (500 Ω) / 15 W (666 Ω) / 10 W (1 kΩ).	30 W (333 Ω) / 20 W (500 Ω) / 10 W (1 kΩ).
(*) Power taps (70 V line):	6 W (817 Ω) / 4 W (1k22 Ω) / 2 W (2k45 Ω).	10 W (490 Ω) / 7.5 W (653 Ω) / 5 W (980 Ω).	15 W (326 Ω) / 10 W (490 Ω) / 5 W (980 Ω).
Frequency response:	50 Hz - 20 kHz.	45 Hz - 20 kHz.	30 Hz - 20 kHz.
Sensitivity (1W/1m):	88 dB.	90 dB.	92 dB.
RAL colour code:	RAL 9003.	RAL 9003.	RAL 9003.
Max. SPL:	98 dB.	103 dB.	106 dB.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Material (grille):	Powder coated iron mesh.	Powder coated iron mesh.	Powder coated iron mesh.
Mounting dimensions (WxH):	211 x 144 mm.	303 x 195 mm.	330 x 230 x 30 mm.
Dimensions (WxHxD):	260 x 190 x 59 mm.	345 x 235 x 90 mm.	370 x 270 x 95 mm.
Weight:	1.3 kg.	1.52 kg.	2.50 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

ATP series

Volume controllers with program selector

The **ATP series** includes 2 volume controllers with built-in program selector. It is adequate for multizone and local control applications. The three models have a new and minimalist design in order to make their integration easier in any installation. They all include a 24 V DC input for emergency backup.

Features

- Volume controllers with built-in program selector.
- Multizone and local control applications.
- Up to 24 W power (depending on model).
- Up to 10 attenuation steps.
- 24 V input for emergency alarms.



Technical data	ATP series
Material:	ABS plastic.
Colour:	White.
Dimensions:	80 x 154 x 50 mm.
Weight:	370 g.

AT series

Volume controllers with amplifier

These 3 volume controllers with amplifier are made of strong ABS plastic. Power, which depends on model, can reach up to 50 W. They are suitable for constant voltage line (100 V) installations and feature 10 attenuation steps (3 dB per step / max attenuation: 30 dB). Its minimalist design makes its integration easier in any installation.

Features

- Volume controllers with amplifier.
- Up to 50 W (depending on model).
- Up to 10 attenuation steps.
- Suitable for 100 V Line installations.
- Multizone and local control.

AT 150 (50W)
AT 125 (25W)
AT 106 (6W) RESISTIVE



Technical data	AT series
Available outputs:	100 V.
Attenuation steps:	10 steps (3dB por step).
Max attenuation:	30 dB.
Material:	ABS plastic.
Colour:	White.
Dimensions:	80 x 80 x 53 mm.
Weight:	250 g.

AT 225

Stereo volume attenuator

AT 225 is an adequate solution for volume remote control in a stereo configuration with low impedance (4 Ω). This attenuator features two transformers and controls in 10 steps of 3 dB up to 25 W per channel. Several low impedance loudspeakers can be connected to the same amplifier output.

Features

- Stereo attenuator for volume remote control.
- Suitable for low impedance (4 Ω) stereo configurations.
- Controls up to 25 W per channel, with 10 steps of 3 dB.
- Possibility to connect speakers to the same amplifier output.



Technical data	AT 225
Available outputs:	4 Ω.
Attenuation steps:	10 steps (3dB por step).
Max attenuation:	30 dB.
Material:	ABS plastic.
Colour:	White.
Dimensions:	80 x 80 x 53 mm.
Weight:	340 g.

AP 6

Programmer

AP 6 is a six position programmer made of ABS plastic. Its design allows its integration in a standard electrical box: this makes contractors job easier because they use the same boxes for interrupters and network sockets.



Technical data	AP 6
Programs:	6.
Material:	ABS plastic.
Colour:	White.
Dimensions:	80 x 80 x 28 mm.
Weight:	160 g.

PENDANT SPEAKERS



SOUNDNUT series: SN8

Pendant speaker



Design meets performance with the new SoundNut series, a new pendant loudspeaker range that brings a unique design combining materials and giving installers and architects the possibility to choose the most desired combination to use depending on the environment. The SoundNut range has been designed to build a uniform acoustic coverage to guarantee that the message or music arrives to your ears in a perfect harmony.

Pendant loudspeaker applications require an accurate adjustment to avoid high reverberation in low frequencies and this is what the engineering team of WORK PRO has been working to get the right frequency balance. The high resistance structure makes the SoundNut series a durable and reliable choice. A magnet frameless installed grill offers a fine front design without screws. The powerful coaxial 2-way transducer provides a strong sound pressure to cover a wide area.

Features

- 8" Pendant speaker.
- Customizable (optional colours for the upper section).
- Frameless magnet grill.
- High Power (400W) and uniform acoustic coverage (90°).

Technical data	SN8
Transducer :	2-way Coaxial 8".
Power handling (100 V Line):	60W.
Power handling (8Ω):	400W.
Coverage :	90°x90°.
Frequency response (-10dB) :	98Hz-19kHz.
Max SPL :	125dB peak.
Recommended HPF :	Butterworth 24dB/oct, 80Hz.
Impedance :	8 Ohm.
Max diameter :	290 mm.
Height :	365 mm.
Weight :	8 Kg.

WPS 310

Pendant speaker

The WPS 310 is a new pendant speaker with a powerful 10" coaxial driver and 1" compression driver. Its high sensitivity level and dispersion allows to cover huge areas as a malls, sport venues, shops , etc...

It can be operated with low impedance amplifiers or 100V LINE.

Made of fiber with a rough black matte finish make it suitable to fit in a large type of installations.

Features

- Pendant speaker with coaxial transducer.
- Two fixation ways:
 - Built-in plate.
 - PBU 31 handle (optional).
- Constant dispersion.



Pendant configuration.



Wall-mount configuration.

PBU 31

Pendant speaker accessory

Features

- Metal handle for WPS 310.
- Allows the directionality of the loudspeaker.



Technical data	WPS 310
Type :	Pendant speaker with coaxial transducer.
Elements:	LF: 10" + HF: 1" compression driver.
Power handling (100 V line):	60W.
Power handling (8Ω):	500W.
Frequency response:	96 Hz – 15.5 kHz. (± 3dB) / 70 Hz – 19 kHz. (- 10dB)
Sensitivity(1W/1m):	95 dB.
Max SPL :	119 / 125 dB.
Material (housing):	Black fiber.
Material (grille):	Metal
Dimensions (Ø x D)::	386 x 413 mm.
Weight:	9.2 kg.

CSR 208

Pendant speaker



Omnidirectional sound projector.

CSR 208 has been specifically designed for large installations such as commercial malls. Thanks to its power tap selector, it is possible to use it in high-voltage (100V 32 / 16 / 8 / 4 W) or low impedance (8 Ω) installations. CSR 208 features a minimalist design to easily blend in with the decor.

Features

- Omnidirectional sound projector for large installations.
- Power tap selector, being suitable for high impedance (100V) and low impedance (8 Ω) voltage line installations.
- Minimalist design to blend in with any decor.



Technical data	CSR 208
Elements:	6.5" woofer + 1" TWT.
Power (100V):	32W/16W/8W/4W.
Power Low Impedance:	32W @ 8 Ω .
Frequency response:	80 Hz - 18 kHz.
Dimensions (\varnothing xD):	\varnothing 270 mm x 230 mm.
Weight	2.8 kg.

SOUND PROJECTORS



MSH 30/BT - WHS 45S

Sound projector

WHS 45S and **MSH 30/BT** are sound projectors with a full range speaker. They provide efficient directionality.

MSH 30/BT features a two way system to optimize acoustic response.

Thanks to their high IP range, they are ideal for outdoor installations and other areas suffering adverse weather conditions. Their aluminium handle enables a fast mounting operation.

Features

- High quality sound projectors.
- Designed to provide an efficient directionality.
- Suitable for high impedance (70/100 V voltage line) and low impedance (8 Ω) installations.
- Excellent response for any frequency range.
- Ideals for outdoor installations and other areas suffering adverse weather conditions.



MSH 30/BT



WHS 45S

Technical data	MSH 30/BT
Type:	Two way sound projector.
Elements:	6" woofer + 2.5" TWT.
Power taps (100 V line):	50 W (200 Ω) / 25 W (400 Ω) / 12.5 W (800 Ω) / 9 W (1k1 Ω) / 4.5 W (2k2 Ω) / 3.5 W (2k8 Ω).
Power taps (70 V line):	25 W (197 Ω) / 12.5 W (392 Ω) / 6.5 W (753 Ω) / 4.5 W (1k2 Ω) / 2.7 W (1k8 Ω) / 1.7 W (2k8 Ω).
Low impedance output:	50 W at 8 Ω.
Frequency response:	90 Hz-20 kHz.
Sensitivity (1W/1m):	99 dB.
Max. SPL:	115 dB.
IP range:	IP 56.
RAL colour code:	7035.
Material (housing):	ABS plastic.
Dimensions (WxHxD):	363 x 253 x 310 mm.
Weight:	3.9 kg.

Technical data	WHS 45S
Type:	Full range sound projector.
Elements:	5" woofer.
Power taps (100 V line):	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω) / 3.8 W (2k6 Ω).
Power taps (70 V line):	30 W (163 Ω) / 15 W (326 Ω) / 7.5 W (653 Ω) / 3.8 W (1k3 Ω) / 1.9 W (2k5 Ω).
Power taps (low impedance):	30 W at 8 Ω.
Frequency response:	100 Hz - 10 kHz.
Sensitivity (1W/1m):	90 dB.
Max. SPL:	105 dB.
IP range:	IP 56.
RAL colour code:	7035.
Material (housing):	ABS plastic.
Material (grille):	Powder coated iron mesh.
Dimensions (WxHxD):	366 x 230 x 272 mm.
Weight:	3 kg.

CS 6A

Sound projector

CS 6A is a cylindrical sound projector made of strong ABS plastic. It features a 120 mm dynamic cone woofer (full range) which provides an excellent response for any frequency. It is suitable for several type of installation thanks to its transformer (50, 70, 100 V Line and 8 Ω).

Features

- Sound projector with a cylindrical shape and dynamic cone woofer.
- Designed for large areas with important background (train stations, airports, etc.).
- Suitable for high impedance (50/70/100 V voltage line) and low impedance (8 Ω) installations.
- Made of strong ABS plastic to improve resistance.



CS 6A

Technical data	CS 6A
Type:	Full range sound projector.
Elements:	5" woofer.
Power taps (100 V line):	6 W (1k6 Ω) / 3 W (3k3 Ω) / 1.5 W (6k3 Ω).
Power taps (70 V line):	6 W (816 Ω).
Power taps (50 V line):	6 W (416 Ω).
Power taps (low impedance):	6 W at 8 Ω.
Frequency response:	150 Hz - 15 kHz.
Sensitivity (1W/1m):	98 dB.
Max. SPL:	105 dB.
IP range:	IP 46.
RAL colour code:	1002.
Material (housing):	ABS plastic.
Material (grille):	Powder coated iron mesh.
Dimensions (Ø x D):	185 x 200 mm.
Weight:	1.4 kg.

CS 30A

Sound projector

This sound projector with a square shape is designed for large areas with important background noise (train stations, airports, etc.). It is made of strong ABS plastic to protect it from hits.

It features a 120 mm dynamic cone woofer that provides an excellent acoustic response for any frequency. It is suitable for several type of installation thanks to its transformer (50, 70, 100 V Line and 8 Ω).

Features

- Sound projector with a square shape and dynamic cone woofer.
- Designed for large areas with important background (train stations, airports, etc.).
- Suitable for high impedance (50/70/100 V voltage line) and low impedance (8 Ω) installations.
- Made of strong ABS plastic to improve resistance.



CS 30A

Technical data	CS 30A
Type:	Full range sound projector.
Elements:	5" woofer.
Power taps (100 V line):	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω).
Power taps (70 V line):	30 W (163 Ω).
Power taps (50 V line):	30 W (83 Ω).
Power taps (low impedance):	30 W at 8 Ω.
Frequency response:	125 Hz - 15 kHz.
Sensitivity (1W/1m):	101 dB.
Max. SPL:	115 dB.
IP range:	IP 46.
RAL colour code:	1002.
Material (housing):	ABS plastic.
Material (grille):	Powder coated iron mesh.
Dimensions (WxHxD):	283 x 234 x 256 mm.
Weight:	3.7 kg.

CS 601 - CS 602

Sound projectors

CS 601 and **CS 602** have been designed for indoor and outdoor installations that require a good sound response and smart look. Transformer included for high impedance (100 V) and 3 power selectors.

Contrary to CS 601, CS 602 is bidirectional. It has two speakers, one opposite to another.

Features

- Audio projectors for indoors and outdoors (IP 55 range).
- Two configurations: unidirectional (CS 601) and bidirectional (CS 602).
- Designed for (100 V) high impedance installations.
- Power selector with 3 positions.



Technical data	CS 601 / CS 602
Type:	CS 601: Unidirectional projector. CS 602: Bidirectional projector.
Frequency response:	130 Hz -15 kHz.
Sensitivity (1W/1m):	91 + 3 dB.
Max. SPL:	100 dB @ 10 W (100V).
Power handling:	CS 601: 10 W. CS 602: 12 W.
Selectable power:	CS 601: 10 W/5 W/2.5 W. CS 602: 12 W/6 W/3 W.
Input level:	100 V.
IP range:	IP 55.
Speaker:	CS 601: 5" full range. CS 602: 2x 5" full range.
Color:	RAL 9016 white.
Dimensions (LxØ):	CS 601: 205 x 138 mm. CS 602: 200 x 138 mm.
Weight:	CS 601: 1.5 kg. CS 602: 1.7 kg.



CS 323T - CS 310T - CS 306T - CS 303T

Sound projectors

These sound projectors made of ABS plastic and aluminium are designed to precisely control the orientation of the sound.

They all feature an axial cone woofer (full range), a wide frequency range and a SPL system which improves sound orientation. Their transformer makes them suitable for several type of installations.

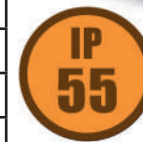
They are particularly adequate for areas with background noise like train stations and airports.

Features

- Sound projector with a cylindrical shape.
- Axial cone woofer (full range).
- SPL system to improve sound orientation.
- Suitable for high impedance (with 100V passive crossover) voltage line installations.
- Highly recommended for areas with background music (e.g. train stations, airports).

Technical data	CS 323T / CS 310T	CS 306T / CS 303T
Type:	Full range sound projector.	Full range sound projector.
Elements:	6.5" woofer.	5" woofer.
Power taps (100 V line):	20 W (500 Ω) / 10 W (1k Ω) / 5 W (2k Ω).	10 W (1 kΩ) / 5 W (2 kΩ) / 2.5 W (4 kΩ).
(*) Power taps (70 V line):	10 W (490 Ω) / 5 W (980 Ω) / 2.5 W (1k96 Ω).	5 W (980 Ω) / 2.5 W (1k96 Ω) / 1.25 W (3k9 Ω).
Frequency response:	110 Hz - 15 kHz.	130 Hz - 15 kHz.
Sensitivity (1W/1m):	92 dB.	91 dB.
Max. SPL:	108 dB.	101 dB.
IP range:	CS 323T: IP 55. CS 310T: IP 54	CS 306T: IP 55. CS 303T: IP 54.
RAL colour code:	9016.	9016.
Material (housing):	CS 323T: ABS plastic. CS 310T: Aluminium.	CS 306T: ABS plastic. CS 303T: Aluminium.
Material (grille):	CS 323T: Aluminium. CS 310T: Steel.	CS 306T: Aluminium. CS 303T: Steel.
Dimensions:	CS 323T: Ø 170 x 245 mm. CS 310T: Ø 170 x 252 mm.	CS 306T: Ø 138 x 205 mm. CS 303T: Ø 138 x 205 mm.
Weight:	CS 323T: 1.6 kg. CS 310T: 2.8 kg.	CS 306T: 1.6 kg. CS 303T: 2.2 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.



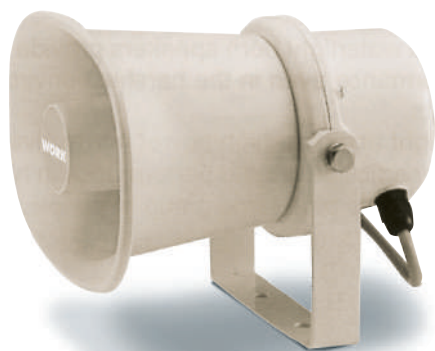
SC/AH series

Horn speakers



The following horn speakers feature a transformer which makes them suitable for high impedance (25, 70 and 100 V) voltage line installations. Their power taps (from 10 to 30 W) ensure an efficient sound diffusion in medium-size installations.

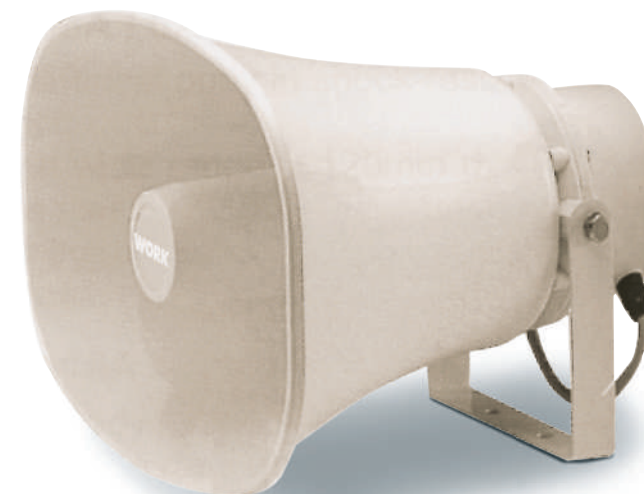
They are made of ABS plastic and have a high IP range (IP 66). They also feature stainless steel handles, being all adequate for alarm systems in outdoor applications.



SC 10 AH



SC 15 AH



SC 30 AH

Features

- Horn speakers made of strong ABS plastic.
- Highly resistant speakers, with IP 66 range.
- Suitable for high impedance (100 V) voltage line installations.
- Up to 30 W power, depending on model.
- Suitable for medium-size outdoor applications.

Technical data	SC 10 AH	SC 15 AH	SC 30 AH
Type:	Horn speaker.	Horn speaker.	Horn speaker.
Power taps (100 V line):	10 W (1 k Ω) / 5 W (2 k Ω) / 3 W (3k3 Ω) / 1 W (10 k Ω).	15 W (666 Ω) / 10 W (1 k Ω) / 5 W (2 k Ω) / 3 W (3k3 Ω) / 1 W (10 k Ω).	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω) / 3 W (3k3 Ω) / 1 W (10 k Ω).
Power taps (70 V line):	5 W (980 Ω) / 2.5 W (1k9 Ω) / 1.5 W (3k2 Ω) / 0.5 W (9k8 Ω).	7.5 W (653 Ω) / 2.5 W (1k9 Ω) / 1.5 W (3k2 Ω) / 0.5 W (9k8 Ω).	15 W (326 Ω) / 7.5 W (653 Ω) / 3.75 W (1k3 Ω) / 1.5 W (3k2 Ω) / 0.5 W (9k8 Ω).
Power taps (25 V line):	10 W (250 Ω).	15 W (166 Ω).	30 W (83 Ω).
Frequency response:	315 Hz - 12k5 Hz.	280 Hz - 12k5 Hz.	250 Hz - 16 kHz.
Sensitivity (1W/1m):	93 dB.	94 dB.	93 dB.
Max. SPL.:	103 dB.	105 dB.	107 dB.
IP range:	IP 66.	IP 66.	IP 66.
RAL colour code:	1002.	1002.	1002.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Dimensions:	Ø 176 x 179 mm.	Ø 222 x 227.5 mm.	Ø 287 x 257.5 mm.
Weight:	1 kg.	1.6 kg.	2 kg.

PH/BT SERIES

Horn speakers

These horn speakers are specially designed for outdoor installations (IP 56) and alarm systems. They are made of ABS plastic and feature stainless steel handles.



Each model has its own power, from 10 to 30 W, which ensures sound diffusion in any medium-size installations. Thanks to their transformer and power tap selector, they are suitable for high impedance (70/100 V) voltage line and low impedance (8 Ω) installations.



PH 10/BT



PH 15/BT



PH 30/BT

Technical data	PH 10/BT	PH 15/BT	PH 30/BT
Type:	Horn speaker.	Horn speaker.	Horn speaker.
Power taps (100 V line):	10 W (1 kΩ) / 5 W (2 kΩ) / 2.5 W (4 kΩ) / 1.25 W (8 kΩ).	15 W (666 Ω) / 7.5 W (1k3 Ω) / 3.75 W (2k6 Ω) / 1.9 W (5k9 Ω).	30 W (333 Ω) / 15 W (666 Ω) / 7.5 W (1k3 Ω) / 3.75 W (2k6 Ω).
Power taps (70 V line):	10 W (490 Ω) / 5 W (980 Ω) / 2.5 W (1k9 Ω) / 1.25 W (3k9 Ω) / 0.6 W (8k1 Ω).	15 W (326 Ω) / 7.5 W (653 Ω) / 3.75 W (1k3 Ω) / 1.9 W (2k5 Ω) / 1 W (4k9 Ω).	30 W (163 Ω) / 15 W (326 Ω) / 7.5 W (653 Ω) / 3.75 W (1k3 Ω) / 1.9 W (2k5 Ω).
Power taps (low impedance):	10 W at 8 Ω.	15 W at 8 Ω.	30 W at 8 Ω.
Frequency response:	400 Hz - 10 kHz.	300 Hz - 8 kHz.	350 Hz - 8 kHz.
Sensitivity (1W/1m):	87 dB.	91 dB.	87 dB.
Max. SPL:	97 dB.	102 dB.	101 dB.
IP range:	IP 56.	IP 56.	IP 56.
RAL colour code:	9016.	9016.	9016.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Dimensions:	Ø 140 x 190 mm.	Ø 200 x 235 mm.	Ø 246 x 292 mm.
Weight:	1.3 kg.	1.9 kg.	2.3 kg.

Features

- Horn speakers made of strong ABS plastic.
- Highly resistant speakers, with steel handles.
- Suitable for outdoor applications (IP 56).
- Suitable for high impedance (70/100 V) voltage line and low impedance (8 Ω) installations.
- Included power tap selector.
- Up to 30 W power, depending on model.

TU 15 / TU 25 / TU 1640

Horn speakers

These horn speakers suitable for low impedance installation (8 Ω) are designed for music and speech. They have a circular shape and they are highly recommended for large areas which require a high sound pressure level.

They are molded in aluminium and they have a high IP range to protect them from adverse weather conditions.

Features

- Horn speakers made of aluminium.
- Highly resistant speakers, with IP 66 range.
- Designed for music and speech.
- Suitable for low impedance (8 Ω) installations.
- Suitable for large areas.



Technical data	TU 15	TU 25	TU 1640
Type:	Horn speaker.	Horn speaker.	Horn speaker.
Power handling (low impedance):	15 W at 8 Ω.	25 W at 8 Ω.	40 W at 8 Ω.
Frequency response:	300 Hz - 8 kHz.	300 Hz - 8 kHz.	250 Hz - 5 kHz.
Max. SPL.:	100 dB.	107 dB.	112 dB.
IP range:	IP 66.	IP 66.	IP 66.
RAL colour code:	7037.	7037.	7037.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Dimensions:	Ø 205 x 210 mm.	Ø 240 x 260 mm.	Ø 410 x 380 mm.
Weight:	0.85 kg.	1.1 kg.	2.1 kg.

TH 25 / SC 35A / SC 1540

Horn speakers

These horn speakers suitable for low impedance installation (8 Ω) are designed for music and speech. They have a square shape and they are especially recommended for large areas which require a high sound pressure level.

They are molded in aluminium and have a high IP range in order to protect them from adverse weather conditions.

Features

- Horn speaker made of aluminium.
- Highly resistant speakers, with IP 66 range.
- Designed for music and speech.
- Suitable for low impedance (8 Ω) installations.
- Suitable for large areas.



Technical data	TH 25	SC 35A	SC 1540
Type:	Horn speaker.	Horn speaker.	Horn speaker.
Low impedance output:	25 W at 8 Ω.	35 W at 8 Ω.	40 W at 8 Ω.
Frequency response:	300 Hz - 9 kHz.	300 Hz - 10 kHz.	250 Hz - 7 kHz.
Max. SPL.:	100 dB.	107 dB.	105 dB.
IP range:	IP 66.	IP 66.	IP 66.
RAL colour code:	7037.	7037.	7037.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Dimensions:	Ø 210 x 200 mm.	Ø 230 x 260 mm.	Ø 350 x 340 mm.
Weight:	0.84 kg.	1.05 kg.	2 kg.

TH 14 / TH 16 / TH 20

Horn diffusors

These horn diffusors provide a large dispersion of sound. They are suitable with the compression motors of the TU/MT series. They are made of aluminium and include a steel mounting handle to fix it on walls and ceilings.

Features

- Horn diffusors made of aluminium.
- Suitable with the compression motors of the TU/MT series.
- Highly resistant speakers, with IP 66 range.
- Easy to connect to compression motors.



Technical data	TH 14	TH 16	TH 20
Type:	14" horn diffusor.	16" horn diffusor.	20" horn diffusor.
IP range:	IP 66.	IP 66.	IP 66.
RAL colour code:	7037.	7037.	7037.
Material (housing):	ABS plastic.	ABS plastic.	ABS plastic.
Dimensions:	Ø 365 x 277 mm.	Ø 406 x 280 mm.	Ø 516 x 390 mm.
Weight:	1.4 kg.	1.5 kg.	1.9 kg.

Compression drivers

Compression drivers compatible with the TH horn diffusers.



MT 35



MT 60



TU 80 ML



TU 100

Technical data	MT 35	MT 60	TU 80 ML
Type:	Compression motor.	Compression motor.	Compression motor.
Power (100 V line):	35 W (285 Ω) / 20 W (500 Ω) / 10 W (1 kΩ).	60 W (166 Ω) / 40 W (250 Ω) / 20 W (500 Ω).	80 W (125 Ω) / 50 W (200 Ω) / 35 W (285 Ω).
(*) Power (70 V Line):	17.5 W (280 Ω) / 10 W (490 Ω) / 5 W (980 Ω).	30 W (163 Ω) / 20 W (245 Ω) / 10 W (490 Ω).	40 W (122 Ω) / 25 W (196 Ω) / 17.5 W (280 Ω).
Frequency response:	150 Hz - 6kHz	200 Hz - 4.5 kHz.	200 Hz - 4.5 kHz.
Sensitivity (1W/1m):	114 dB	96 dB.	96 dB.
Max. SPL:	129 dB	115 dB.	115 dB.
Material (housing):	Metal.	Metal.	Metal.
Dimensions:	130 x 137,5 mm.	110 x 160 mm.	110 x 160 mm.
Weight:	1,9 kg.	2.1 kg.	2.1 kg.

(*) The power taps indicated on the selector switch are calculated for 100V line. In the case of 70V line installation, each power tap will correspond to half the value.

Technical data	TU 100
Power:	100W.
Impedance:	16Ω.
Frequency response:	100 Hz - 10kHz.
Max. SPL:	112 dB.
Dimensions (ØxL):	120 x 123 mm.
Weight:	2,1 kg.

GARDEN SPEAKERS



MR 110G LINE - MR 110S LINE

Garden speakers

MR 110 LINE, is aq garden speaker with rock shape. Its design has been improved to face external weather conditions and provide optimum results.

The first significant change has to do with the speaker's chassis. Whereas most garden speakers have an aluminium chassis, MR 110 LINE is made of ABS plastic to protect speaker from oxidation.

The other improvement has to do with connection system. A new base with connector has been added to avoid wearing down cable and to protect connection. In addition, thank to its power tap selector, it fits almost any installation requirements. MR 110 LINE is available in two colours: grey (MR 110G LINE) or sand (MR 110S LINE).



MR 110G LINE

MR 110S LINE

Features

- Garden speaker with a rock shape.
- Plastic chassis to protect speaker from oxidation.
- Base with connector.
- Power tap selector to fit almost any installations requirement.
- Available in 2 colours: grey (MR 110G LINE) or sand (MR 110S LINE).

Technical data	MR 110G LINE MR 110S LINE
Elements:	8" woofer+ TWT.
Power:	30 / 15 / 7.5 / 3 W.
Impedance:	8 Ω/100 V.
Sensitivity:	89 dB.
Crossover frequency:	4.5 KΩ.
Frequency response:	50 Hz - 20 kHz.
Dimensions (WxHxD):	400 x 300 x 230 mm.
Weight:	5.4 kg.



Output power selector (8 Ω and 4 output Line positions 100 V).

PS 300 LINE

Garden speakers

Flowerpot holder with a built-in speaker. Ideal colour and shape for decorative atmospheres.



Features

- Built-in Line transformer.
- Hanging peg included.
- 360° vertical and horizontal dispersion.

Technical data	PS 300 LINE
Elements:	8" woofer+ TWT.
Power output:	5W/10W/20W/30W.
Impedance:	8Ω/100V.
Sensitivity:	89 dB.
Crossover frequency:	4.5 KΩ.
Frequency response:	50 Hz - 20 kHz.
Dimensions (Ø x H):	Ø 260 x 320 mm.
Weight:	5.3 kg.

NGS 5L

Garden speakers

For all the music-lovers who don't want to give up the possibility of enjoying music at outdoor spaces, such as gardens or terraces, WORK PRO has designed NGS-5L, an interesting garden speaker that provides a natural sound and an integrated design which allows to enjoy the music without spoiling the surroundings.

Its features and functionalities make this speaker a good choice for those professionals who need to design and install audio systems in medium and big installations, like pub terraces, restaurants or hotel complexes, either urban or leisure venues.

Its design with mushroom shape and green colour make it much easier to fit NGS-5L speaker in natural environments. These speakers are designed for outdoor fixed installations (IP 65) because they are capable of resisting unfavourable weather conditions, from rain to cold or really hot days. Even in windy conditions, NGS-5L is a good option for outdoor installations.

Thereby users will be able to design an outdoor audio system and minimize its visual and architectural impact over the installation.

Features

- Garden speaker with mushroom shape.
- Frequency response: 140 Hz - 15 kHz (± 3 dB).
- 100 V Line transformer.
- Colour and shape ideal for gardening installations.
- 5" woofer.
- 50 W power handling.



NGS 8S

Garden subwoofer



The NGS 8 S WORK PRO outdoor subwoofer has been designed for outdoor music applications delivering a deep and rich bass thanks to its enclosure is hidden under the ground.

The high protection rating IP65 makes it suitable for deployment in rough environments, and is the ideal complement to extend the very low frequencies of mid-high speakers outdoors. Once installed, only the top tube is visible.

Features

- Finish: Fiberglass Reinforced Plastic.
- Connection: Terminals.
- IP range protection: IP65.
- Speaker Component: 8" woofer.
- Dimensions (WxHxD): 395x712x500 mm.
- Weight: 10 Kg.

Technical data	NGS 8 S
Frequency Range (-6dB) :	40 Hz - 70 Hz
Frequency Range (-10dB) :	35 Hz - 130 Hz
Sensitivity :	87 dB SPL
Peak SPL :	113 dB SPL
Coverage :	Omnidirectional
Nominal Impedance :	8 Ω
Program Power :	200W
RMS Power :	100W
Speaker Component :	8" reinforced woofer
Recommended High Pass Filter :	Butterworth 24 dB/Oct, 20 Hz
Recommended Low Pass Filter :	Butterworth 24 dB/Oct, 120 Hz

LINE ARRAY SYSTEMS



ARION 21 A

Line Array system



ARION 21 A comprises the SL 210 A and the SL 218 SA subwoofer. Designed entirely at the WORK PRO headquarters in Valencia, Spain, both line array elements form a system suited to use in demanding environments that require power, high-quality audio reproduction and controlled directivity.

The SL 210 A is a two-way, biamplified line array element with remote monitoring and control via Ethernet, a built-in DSP section, and two Class D amplifiers with 1000W peak for the Low frequencies and 500W peak for the Highs (both featuring a built-in universal power supply for seamless use internationally). The low frequencies are handled by two 10-inch LF drivers and a bass reflex enclosure, while a 1.4-inch compression driver, with a polymer diaphragm, takes care of the high frequencies. The compression driver feeds the newly developed VI-10 waveguide which perfectly integrates the high frequencies from multiple SL 210 A units, creating a seamless HF response from the complete array. Through careful application of the onboard DSP, tailored passive filtering of one of the LF drivers in the low/mid range and a newly designed dispersion horn, the SL 210 A achieves consistent 120-degree horizontal coverage, with a rock-solid frequency response irrespective of listening position, and is capable of delivering an impressive maximum sound pressure level of 135dB. The frequency response extends from 18kHz down to 100Hz (-10dB).



SL 210 A



SL 218 SA

Lower frequencies are faithfully reproduced by the new dedicated SL 218 SA subwoofer, which is powered by a 4000W peak Class D amplifier, and can handle frequencies from 30Hz up to either 120Hz or 140Hz, depending on the preset.

The powerful DSP built into the SL 210 A provides the EQ, level and phase adjustments required to produce a faithful, accurate sound, no matter how many SL 210 A elements are being used in the overall array (as with any line array, vertical coverage is dependent on the number of elements being used in the system and the splay between them).

Perfect for audio installations, theatres and concert halls, the SL 210 A/SL 218 SA system is a high-performance sound reinforcement solution offering superb intelligibility and clarity of sound.

SL 210 A

Features

- Self-powered two-way system.
- Remote monitoring via Ethernet.
- Compression driver with PM4 polymer membrane.
- 120° horizontal uniform coverage.
- Factory presets by number of units.
- Delay and up to 8 configurable parametric EQs.
- 1000W peak amplifier for Lows and 500W peak amplifier for Highs.
- Universal switched power supply.
- Independent RMS and peak limiters per way.
- SL 210 A and SL 218 SA are factory adjusted in phase.
- 27kg of weight.

SL 218 SA

Features

- Self-powered system.
- Remote monitoring via Ethernet.
- Factory presets with two cut-off frequencies, boost and cardioid settings.
- Delay and up to 8 configurable parametric EQs.
- 4000W peak amplifier.
- Universal switched power supply.
- RMS and peak limiters.
- 96 kg of weight.

Technical data	SL 210 A
Frequency range :	100Hz-18kHz (-10dB).
Max. Peak SPL :	135 dB.
Horizontal coverage :	120°.
Transducers :	LF, 2x10", 1.46" voicecoil. HF, 1.4" output, 1.75" voicecoil. PM-4 Membrane.
Protections :	Thermal and Overload.
Limiters :	RMS and Peak.
LF Power :	1000W peak.
HF Power :	500W peak.
Type :	Class D.
Cooling :	Passive dissipation.
Universal power supply :	85Vac a 265Vac, 45Hz a 65Hz.
Shut-down Voltage :	85Vac.
DSP Control :	Ethernet.
Dimensions :	283 x 769 x 475 mm.
Material :	Birch plywood.
Colour :	Black.

Technical data	SL 218 SA
Frequency range :	30Hz-120Hz/140Hz (-10dB).
Max. Peak SPL :	138 dB.
Transducers :	2 x 18", 4" voicecoil.
Protections :	Thermal and Overload.
Limiters :	RMS and Peak.
LF Power :	4000W peak.
Type :	Class D.
Heat Dissipation :	Cooling fan.
Universal power supply :	85Vac a 265Vac, 45Hz a 65Hz.
Shut-down Voltage :	85Vac.
DSP Control :	Ethernet.
Input Connector :	Female XLR.
Output Connector :	Male XLR.
Input Sensitivity :	+ 4 dBu.
Dimensions :	579 x 1165 x 651 mm.
Material :	Birch plywood.
Colour :	Black.



SL 210 A rear panel



SL 218 SA rear panel

SOFTWARE

By connecting a computer to an Arion 21 A based system via Ethernet, users can control the array remotely via the Speaker Manager software, monitor the array operating temperature in real time, select factory presets for the correct number of SL 210 A elements in their array, choose the preset for the subwoofer, and apply delay and up to eight parametric room correction EQs as required. The SL 210 A and SL 218 SA units are in-phase when the SL 210 A units are mounted directly above the subs; if the units have to be mounted differently in the venue, it's easy to calculate and dial up the right amount of delay from the DSP to cancel out the effects of any horizontal separation introduced between the SL 210 A and subs and bring the overall output back into phase. The built-in DSP also provides driver protection, with independent RMS/peak limiters for each way (bass, mid and high). Naturally, all of these DSP functions can also be controlled directly on each SL 210 A unit via its rear-panel keypad and display. Despite all of this heavy-hitting technology on board, the SL 210 A weighs in at a lightweight 27kg per element.



ARION 21 A ACCESSORIES

A wide range of accessories is available for the new Arion 21 line array system, including protective covers, rain cover for SL 210 A, transportation dollies and a rigging frame.



MFF 210

CRL 210

CRL 218

SL 210 A COVER

SL 218 SA COVER

SL 210 A RAIN COVER

ARION 10

Line Array system



WORK PRO's all-new Arion line gets started with the ARION 10, a passive line array module for bi-amplified use. Compact sized, it can be used as a full range system with a useable response down to 45 Hz or with subwoofer complement.

The heart of any loudspeaker system lies on its transducers, which is why the ARION 10 features only Neodymium magnet assemblies, guaranteeing high efficiency and low distortion, as well as reduced weight.

For the high frequencies two 1.75 in. pure titanium diaphragm compression drivers are used. A 44 mm voice coil, wound to a high temperature Kapton former, ensures high power handling, while a flux density 2.2 Tesla motor structure provides unprecedented efficiency, all of which translates to clean SPL to spare. Each driver is mounted onto a separate precision waveguide that provides a flat wave front, essential to line array coupling and resulting in smoothly increasing directivity characteristics.

Low frequencies are handled by a 10" cone driver that makes uses of a centrally located Neodymium magnet. A 2.5" edge-wound voice coil with Kapton support is utilised as well as pole-piece venting and extensive heat sinking, which will keep power compression under control.

Mechanically speaking the ARION 10 uses built-in rigging hardware with adjustable angles from 0 to 10 degrees in 1 degree increments, which allows for great flexibility in shaping array curvature.

The SL 101 suspension frame provides safe and practical suspension; up to 16 units can be flown with a safety factor of 10:1.

With a maximum peak sound pressure level of 124 dBs, the ARION 10 is ideal for small to medium sized indoor or outdoor applications such as theatres, houses of worship and arenas. Frontfill or sidefill use in larger scale events is also a possibility.

Control ARION 10 with WPE 26N and WorkCAD Designer.

The use of the 2-in/6-out WORK's WPE 26N digital system controller is highly advised. Arion 10 presets make use of extensive crossover, EQ, delay and limiting functionality to provide plug-and-play optimization and hence guarantee the best possible audio quality and reliability. An Ethernet connection allows for operation from WORK's WorkCAD Designer PC-based editor.

Coupled with OSC (Open Sound Control) connectivity, wired or wireless remote control from all sorts of devices including iOS or Android based phones and tablet computers, such as iPhones and iPads. In addition to the preset panel configurations provided by WORK, the user will be able to easily build customized control panels.



Features SL 101

- Two way loudspeaker with Line Array format.
- Ultra compact and lightweight design.
- High sensitivity (95 dB).
- High output level (124 dB peak).
- Transducers:
 - 1 10" Neodymium transducer.
 - 2 1.7" Neodymium compression motors for high frequencies.
- 120° horizontal dispersion.
- Fast mounting system and stacking.
- Printed angle indicators to adjust vertical angle in steps of 1°.
- Acoustic cabinet made of 15 mm birch plywood.
- Quick and safe fixing system (aluminium) for rigging.
- Polyurethane coating with textured finish for extended use.

Features SL 212 B

- Loudspeaker for bass reinforcement.
- The perfect complement for SL 101 loudspeakers.
- Composed of 2 LF compression drivers (12" neodymium) for low frequency top performance.
- High SPL output level (128 dB peak).
- Fast mounting system and stacking.
- Acoustic cabinet made of 15 mm birch plywood.
- Polyurethane coating with textured finish for extended use.

Technical data	SL 101
Power Handling, Low:	600W Continuous. 1200W Peak.
Power Handling, High:	150W Continuous. 300W Peak.
Frequency range, on-axis, -10 dB:	65 Hz – 20 kHz.
Sensitivity (1W@1m, on-axis):	95 dB SPL.
Maximum SPL, nominal:	120 dB SPL / 126 dB SPL (Peak).
Coverage angle:	Horizontal: 120°. Vertical: Array geometry dependent.
Nominal Impedance:	High: 8 Ω, Low: 8 Ω.
Enclosure:	Trapezoidal, 15mm birch plywood.
Finish:	Black, textured polyurethane for cabinet, powder coated for grille.
Transducers:	1 x 10" cone speaker, Neodymium magnet, 2 x 1.75" diaphragm compression driver, Neodymium magnet.
Connectors:	2xNL4 speakON.
Dimensions (WxHxD):	538.5 x 262 x 435.5 mm.
Weight:	17 kg.
Optional accessories:	Suspension frame.

Control ARION 10 with WPE 26N and WorkCAD Designer.

The use of the 2-in/6-out WORK's WPE 26N digital system controller is highly advised. Arion 10 presets make use of extensive crossover, EQ, delay and limiting functionality to provide plug-and-play optimization and hence guarantee the best possible audio quality and reliability. An Ethernet connection allows for operation from WORK's WorkCAD Designer PC-based editor.



Coupled with OSC (Open Sound Control) connectivity, wired or wireless remote control from all sorts of devices including iOS or Android based phones and tablet computers, such as iPhones and iPads. In addition to the preset panel configurations provided by WORK, the user will be able to easily build customized control panels.

Technical data	SL 212 B
Construction:	15 mm birch plywood.
Transducers:	2 x 12" LF compression driver.
Frequency response (-3 dB):	54 Hz – 1060 Hz.
Rated power:	1,800 W Continuous. 3,600 W Peak.
Sensitivity (1 W @ 1 m):	92 dB.
Maximum SPL:	121 dB / 127 dB (Peak).
Rated impedance:	4 Ω.
Connector:	2 x NL4.
Dimensions (WxHxD):	540 x 713 x 680 mm.
Weight:	50 kg.

ARION 5

Line Array system



Self-Powered Three-Way line array.

Arion 5 is a self-powered three-way line array. Each top unit, SL 25, features two 5.25" transducers in a bass reflex enclosure. The high frequencies are reproduced by a 2.2" diameter ring radiator driver featuring a polymer membrane. The bass enclosure uses one 15" transducer, 3.5" voicecoil, to reproduce the very low end.

The compression driver radiates over the new VI-5 waveguide which provides a perfect vertical coupling between the high frequencies of the different SL 25 units.

The digital signal processing has been carefully designed to provide excellent uniformity of the horizontal coverage, keeping the frequency balance unchanged at the listening angles.

Arion 5, comprised of four units SL 25 and one SL 115 SA, features a powerful digital signal processing, which provides the filtering and the necessary corrections of magnitude and phase to the transducers in order to obtain a faithful sound. From the backside of the subwoofer SL 115 SA you can choose between three presets: Normal, Voice and Loudness, and also adjust the balance between the tops and the subwoofer via two knobs labeled Bass and Treble.

The power is provided by one Class D amplifier with 1000W peak for the Low frequencies, 650W peak for the Mid frequencies and 150W peak for the Highs, which incorporate thermal and overload protections. Independent RMS and peak limiters are used on each way.

Features

- Corporate Events & Mid-Size Installations.
- 140° Horizontal Coverage.
- 1000Wpeak LF Class D amplifier.
- 650Wpeak MF Class D amplifier.
- 150Wpeak HF Class D amplifier.
- Three Presets available.

Technical data	ARION 5
LF Transducers:	1x15" 3.5" Voicecoil.
MF Transducers:	.2x5", 1.46" Voicecoil.
HF Transducers:	1x1.75" Voicecoil, 2.2" Ring Radiator.
LF Amplifier:	Class-D, 1000Wpeak.
MF Amplifier:	.Class-D, 650Wpeak.
HF Amplifier:	Class-D, 150Wpeak.
Input Impedance:	10kΩ.
Input Sensitivity:	+4dBu.
Frequency Range (Full Space):	(-10dB): 100Hz-18kHz . (-6dB): 107Hz-17kHz.
Max Peak SPL at 1m:	122dB.
Horizontal Coverage (-6dB):	140°.
EQ Modes:	Normal, Voice & Loudness.
Balance:	Treble & Bass.
Limiters:	RMS & Peak.
Amplifier Protections:	Thermal & Overload.
Enclosure:	Birch Plywood.
Finish:	Polyurethane paint.
Colour:	Black.
Connectors:	Audio In: Female XLR & Stereo RCA. Audio Out: Male XLR. Power Input: IEC. Satellite Output: Speakon NL4.
AC Power Requirements:	115Vac/230Vac, 50Hz/60Hz.
Current Draw (1/3 Power@230v):	2A.
Shut Down Voltage:	200 to 240 Volts, 110 to 130 Volts.
Shut Down Temperature:	85°C.
Dimensions SL 25 (HxWxD):	165x490x251 mm, 6.5x19.3x9.9 in.
Dimensions SL 115 SA (HxWxD):	521x490x492 mm, 20.5x19.3x19.4 in.
Net Weight SL 25:	9.2kg, 20.3lb.
Net Weight SL 115 SA:	33.5kg, 73.9lb.
Included Accessories:	Rigging frame, speaker link cables



SL 115 SA

SL 25



SL 115 SA rear panel.

ARION 5

Line Array system

The set of accessories A 51 is composed of two groups:

FS 1: Accessory to install the subwoofer to the floor.

This group of accessories is composed of two floor fixation plates and two transverse bars that link the set. FS 1 allows to obtain a surface where it is possible to place the subwoofer of the ARION 5, taking advantage of the insertion points of the pin-bolts and the anti-slip surface.

FS 2: Accessories to affix the satellites of the line array system.

This set is composed by several elements and depending on the final purpose they are assembled on a different way.

- 1- "Pole" configuration, placing the subwoofer on the floor using FS1 accessory.
- 2- "Rigging" configuration, pending it from a truss system

FS 1



FS 2



INDEX

A

AP 6.....	37
ARC SUB 10.....	16
ARC SUB 12.....	16
ARION 5.....	61
ARION 10.....	59
ARION 21 A.....	55
ARQ 16.....	15
ARQ 18.....	15
ARQ 25.....	15
AT 106 (6W) RESISTIVE.....	37
AT 125 (25W).....	37
AT 150 (50W).....	37
AT 225.....	37
ATHOS 6.....	17
ATHOS 8.....	17
ATHOS 10.....	17
ATP 206 (6W) RESISTIVE.....	37
ATP 224 (24W).....	37

C

C PRO 4.....	25
C PRO 6.....	25
C PRO 8.....	25
C PRO 8 Sub.....	25
CRL 210.....	57
CRL 218.....	57
CS 6A.....	44
CS 30A.....	44
CS 206.....	22
CS 210.....	22
CS 214.....	22
CS 303T.....	45
CS 306T.....	45
CS 310T.....	45
CS 323T.....	45
CS 601.....	45
CS 602.....	45
CSR 208.....	41

F

FS 1.....	62
FS 2.....	62

I

IC 4 PRO.....	30
IC 4 PRO R.....	30
IC 4 PRO S.....	30
IC 6 PRO.....	30
IC 6 PRO A.....	29
IC 6 PRO S.....	30
IC 50T.....	31
IC 60T.....	31
IC 80T.....	31
IC 500T.....	33
IC 511T.....	32
IC 550T.....	34
IC 600T.....	33
IC 611T.....	32
IC 660T.....	34
IC 800T.....	33
IC 811T.....	32
IC 880T.....	34

M

MFF 210.....	57
MR 110G LINE.....	51
MR 110S LINE.....	51
MSH 30/BT.....	43
MT 35.....	49
MT 60.....	49

N

NEO 3.....	10
NEO 4.....	10
NEO 5.....	10
NEO 5A.....	11
NEO 5A BT.....	13
NEO 5A ES.....	12
NEO 5 IP.....	14
NEO 6.....	10
NEO 6A.....	11
NEO 8.....	10
NEO 8A.....	11

NEO S8 A.....	9
NEO SET 100 BT.....	8
NGS 5L.....	52
NGS 8S.....	53

P

PH 10/BT.....	47
PH 15/BT.....	47
PH 30/BT.....	47
PS 300 LINE.....	51

R

RCS 001.....	36
RCS 002.....	36
RCS 003.....	36
RCS 204.....	35
RCS 403 Pro T.....	35

S

SC 10 AH.....	46
SC 15 AH.....	46
SC 30 AH.....	46
SC 35A.....	48
SC 1540.....	48
SCPRO 4A.....	27
SCPRO 4A BL.....	27
SCPRO 4A BT.....	27
SL 25.....	61
SL 101.....	59
SL 115 SA.....	61
SL 210 A.....	55
SL 210 A COVER.....	57
SL 210 A RAIN COVER.....	57
SL 212 B.....	59
SL 218 SA.....	55
SL 218 SA COVER.....	57
SN8.....	39
Spk 16/2.....	21
Sub 16/2.....	21

T

TH 14.....	48
TH 16.....	48
TH 20.....	48

TH 25 /.....	48
TU 15.....	48
TU 25.....	48
TU 80 ML.....	49
TU 100.....	49
TU 1640.....	48

U

UDA 8.....	20
UDA 16.....	20
UDA 16 TL.....	21

W

Wall 16.....	21
WHS 45S.....	43
WND 6.....	19
WND 6A.....	19
WND 6B.....	18
WND 6B A.....	18
WND 6W.....	18
WND 6W A.....	18
WND 8.....	19
WND 8A.....	19
WND 8B.....	18
WND 8B A.....	18
WND 8W.....	18
WND 8W A.....	18
WPS 310.....	40

Z

Z 15 AS.....	23
Z 18 AS.....	23

INSTALLED SOUND SYSTEMS 2018