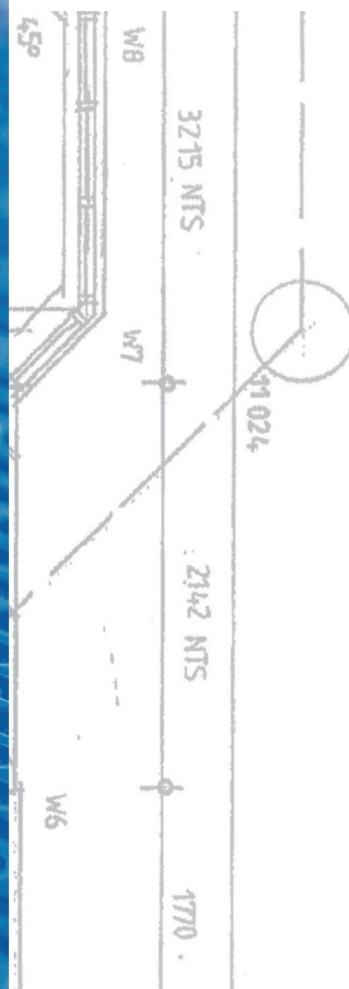
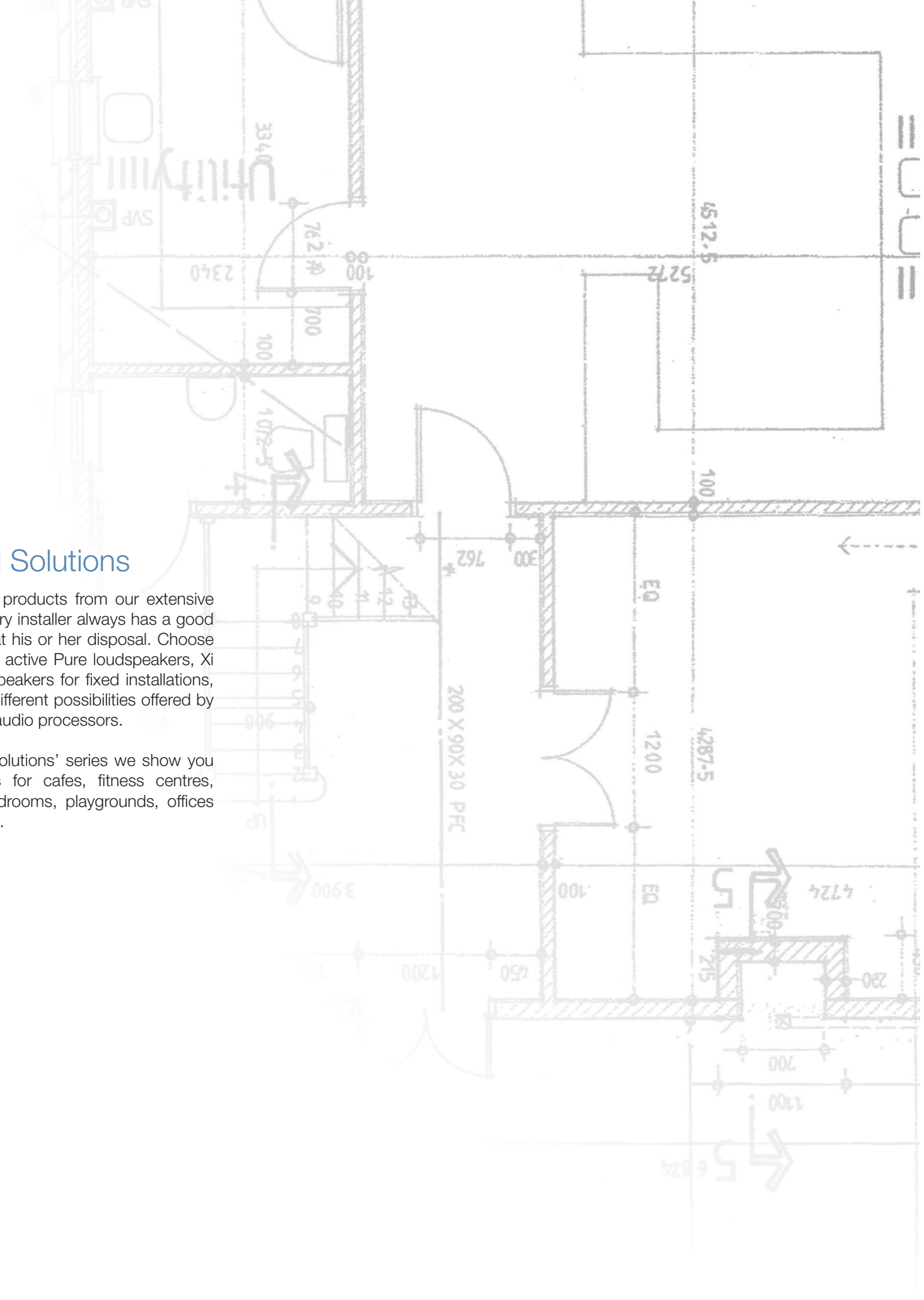


DAP

RESTAURANT / OFFICE / AUDITORIUM
FITNESS CENTER / BOARDROOM
CHURCHES / WELLNES-CENTRE
SUPERMARKET / SOCCER CLUB
CANTEEN / SMALL SHOP / PUB &
CLUB / RETAIL SHOP / SCHOOL
OUTDOOR PLAYGROUND / SHOPPING
CENTER / SPORTS CENTER & CANTEEN



Install Solutions



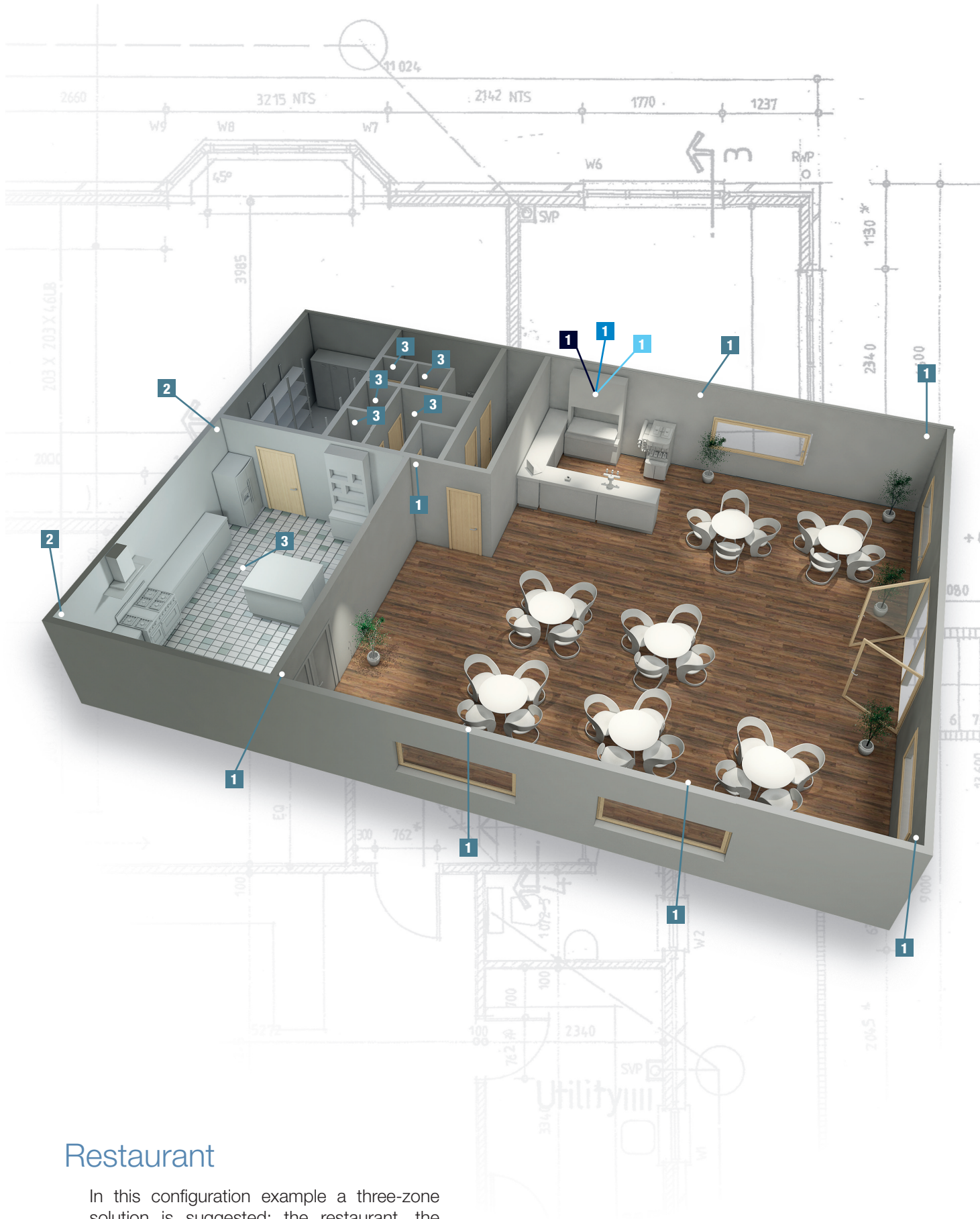
DAP Install Solutions

With the audio products from our extensive DAP range, every installer always has a good audio solution at his or her disposal. Choose from passive or active Pure loudspeakers, Xi and EVO loudspeakers for fixed installations, or explore the different possibilities offered by DAP mixers or audio processors.

In this 'Install Solutions' series we show you the possibilities for cafes, fitness centres, churches, boardrooms, playgrounds, offices and much more.

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Restaurant

In this configuration example a three-zone solution is suggested: the restaurant, the toilet group, and the kitchen. The IMIX-7.3 can control all three zones individually, while the four-channel Qi-4600 provides more than enough channels and ample power. The IR-150BT Media Player provides the necessary music, playing from several sources.

Audio Source

1

IR-150BT Media Player

1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U



Mix & Control

1

IMIX-7.3

7-Channel 2U Install Mixer, 3 Zones

- Gain settings at backside
- Special front input for phone/MP3 devices
- Zone control for 3 balanced outputs
- 2 Mic, 11 Line inputs

D2351



Mono Inputs:	2	Parametric Microphone Equalizer:	3 Bands
Stereo Inputs:	10	Parametric Main Equalizer:	3 Bands
Phono Audio Inputs:	2	Power Supply:	240 VAC 50-60 Hz
Auxiliary Inputs:	1	Power Consumption:	19.1 W
Main Outputs:	3	Height (mm):	88 mm
Headphone Output:	1	Width (mm):	95 mm
Record Output:	1	Length (mm):	481 mm
THD Level:	< 0.05 %		
Freq. Resp. Min.:	20 Hz		
Freq. Resp. Max.:	20000 Hz		



Amplifiers

1

Qi-4600

4x 600 W amplifier

- Perfect sound quality and long lifespan
- Robust steel 19" / 1U housing
- Suitable for either mobile and installation speakers
- Bridge and stereo modus
- SMPS, Class D amplification & Soft start technology

D4532



2 Ohms Stable:	No	Amp Technology:	Class D
Output per Chan. into 8 ohms at 1 kHz:	360 W	Damping Factor:	200 :1
Output per Chan. into 4 ohm at 1 kHz:	600 W	Freq. Resp. Min.:	10 Hz
Bridge Output into 8 ohms at 1 kHz:	1200 W	Freq. Resp. Max.:	20000 Hz
Output Channels:	4	Power Supply:	100-240 VAC 50-60 Hz
Output Mode:	4-Chan. / Bridge / Stereo	Power Consumption:	1490 W
Output Connector:	4 pole Speaker Connector	Height (mm):	44 mm
Mono Input Connector:	3-pin XLR	Width (mm):	483 mm
THD Level:	< 0.5 %	Length (mm):	390 mm
Signal-to-noise Ratio:	> 90 dB	Rack Units:	1 U
SLEW Rate:	25 V/μs	Weight:	6 kg
		Electronic Protection:	Clip limiter (fixed) / DC voltage / RF / Short circuit / Softstart / Thermal



Speakers

1

Xi-5
Passive 5" installation speaker

- 125 W RMS - 16 Ω
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable logo for vertical mounting
- Easy detachable magnet mounted grill

D3540 
D3541 



RMS Input Power:	125 W
Passive Input Connection:	Speaker Connector 4 pole / Terminal 2-way
Speaker System:	Speaker
Sensitivity (1 W/1 m):	93 dB
Speaker Impedance:	16 Ω
Max. SPL at 1 m:	120 dB
Freq. Resp. Min.:	80 Hz
Freq. Resp. Max.:	20000 Hz
Freq. Resp. (-10dB) Min.:	80 Hz
Freq. Resp. (-10dB) Max.:	20000 Hz
Woofer Ø:	5.25 "
Woofer Voice Coil:	1.5 "

Compression Driver Ø:	1 "
Compression Driver Voice Coil:	1 "
Dispersion Angle Hor.:	90 °
Dispersion Angle Vert.:	60 °
Height (mm):	275 mm
Width (mm):	205 mm
Length (mm):	225 mm
Material:	Plywood
Colour:	Black or White
Weight:	4.9 kg
IP Rating:	IP20 (indoor use only)
Rotatable Horn:	No

2

EVO 6
Passive 6.5" speaker set

- Full-range 2-way audio set for excellent Hi-Fi quality
- 70 W RMS, max SPL: 114 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white
- Perfect in combination with DAP CA-4150 Amplifier

D3674 
D3675 



RMS Input Power:	70 W
Peak Input Power:	140 W
Passive Input Connection:	Terminal
Speaker System:	2-way
Speaker	
Sensitivity (1 W/1 m):	90 dB
Speaker Impedance:	8 Ω
Max. SPL at 1 m:	114 dB
Freq. Resp. Min.:	50 Hz
Freq. Resp. Max.:	20.000 Hz
Woofer Ø:	6.5 "
Woofer Voice Coil:	1.5 "

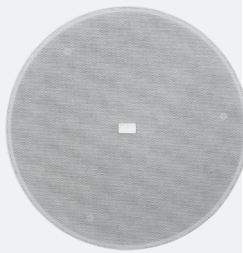
Compression Driver Ø:	1 "
Compression Driver Voice Coil:	1 "
Dispersion Angle Hor.:	110 °
Dispersion Angle Vert.:	90 °
Height (mm):	302 mm
Width (mm):	196 mm
Length (mm):	193 mm
Material:	ABS
Colour:	Black or White
Weight:	3.7 kg
IP Rating:	IP54

3

DCS-6230-16
6" Passive Ceiling Speaker

- 30 W recessed ceiling speaker
- 2-way system
- 16 Ω
- 6" woofer

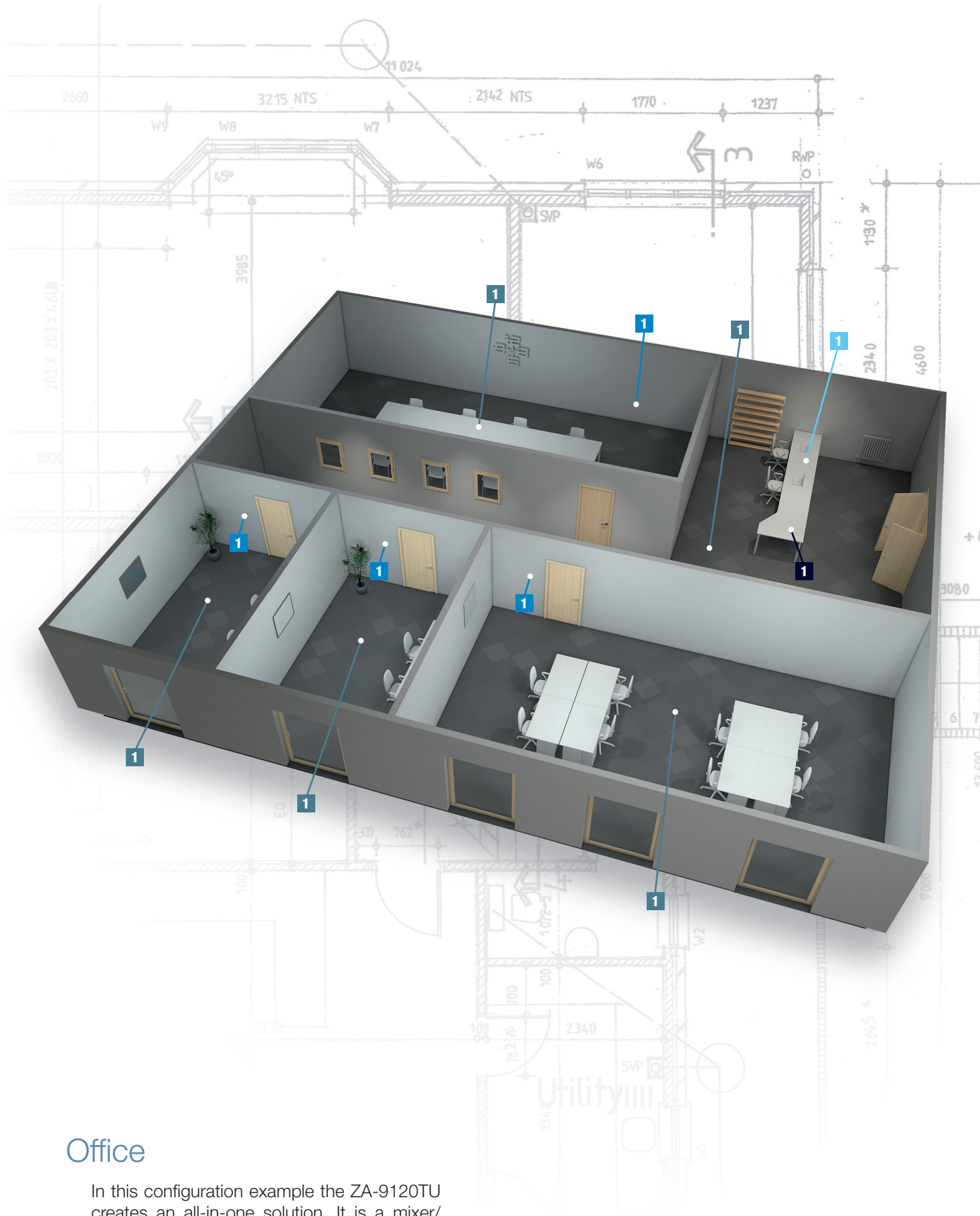
D6585



RMS Input Power:	30 W
Peak Input Power:	60 W
Passive Input Connection:	Terminal
Speaker System:	2-way
Speaker	
Sensitivity (1 W/1 m):	86 dB
Speaker Impedance:	16 Ω
Max. SPL at 1 m:	101 dB
Freq. Resp. Min.:	46 Hz
Freq. Resp. Max.:	19000 Hz
Woofer Ø:	6 "
Woofer Voice Coil:	1 "
Compression Driver Ø:	0.75 "

Compression Driver Voice Coil:	0.5 "
Dispersion Angle Hor.:	80 °
Dispersion Angle Vert.:	80 °
Height (mm):	102 mm
Width (mm):	237 mm
Length (mm):	237 mm
Installation Depth (excl. connector):	98 mm
Material:	Plastic
Colour:	White
Weight:	1.5 kg
IP Rating:	IP20 (indoor use only)





Office

In this configuration example the ZA-9120TU creates an all-in-one solution. It is a mixer/ amplifier with built-in tuner and media player. The Volume Controllers are applied to offer direct volume control in each office.

Audio Source

1

PM-160
Announcement Microphone with Chime

- Mic volume adjustable on backside
- Chime volume adjustable on backside
- Talk button on top
- Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Mix & Control

1

VCB - Volume Controller

6 W D6531
12 W D6532
36 W D6533



Output per Chan. at 70/100 V at 20Hz > 20 kHz:	6 W or 12 W or 36 W	Main Outputs:	1
Passive Output Connector:	Terminal	Height (mm):	80 mm
		Width (mm):	80 mm
		Length (mm):	30 mm

Amplifiers

1

ZA-9120TU
120 W 100 V Zone Amp

- 2 zones
- Media player
- Telephone input
- USB on front and backside

D6153



RMS Output:	120 W	Parametric Channel Equalizer:	2 Bands
Power Amplifier:	2	Parametric Microphone Equalizer:	2 Bands
Output Channels:	2	Speech Filter Range:	3 dB
Output Mode:	Parallel	Speech Filter Freq.:	300 Hz
Output Connector:	Terminal	FM Freq. Start:	87.5 MHz
Main Outputs:	1	FM Freq. End:	108 MHz
Main Output Connector:	RCA	Power Supply:	240 VAC 50-60 Hz
Zone Output:	2	Backup Power Supply:	24 VDC
Zone Output Connector:	Terminal	Power Consumption:	253 W
Mono Inputs:	3	Power Connector in:	IEC
Mono Input Connector:	TS unbalanced 6.3 mm	Data Connector in:	USB
Stereo Inputs:	3	Height (mm):	88 mm
Stereo Input Connector:	RCA, TRS balanced 3.5 mm	Width (mm):	483 mm
Auxiliary Inputs:	1	Length (mm):	328 mm
Auxiliary Input Connector:	TRS balanced 3.5 mm	Rack Units:	2 U
Transformer:	100 V	Weight:	9.3 kg
Supported Audio Files:	MP3 / WAV	PTT:	Yes
Media Input/Output:	USB-A	Chime:	Yes
Phantom Power:	18 V	Telephone Input:	Yes
		Electronic Protection:	Overload / Short circuit

Speakers

1

EDCS-626
6" Passive Ceiling Speaker 100 V

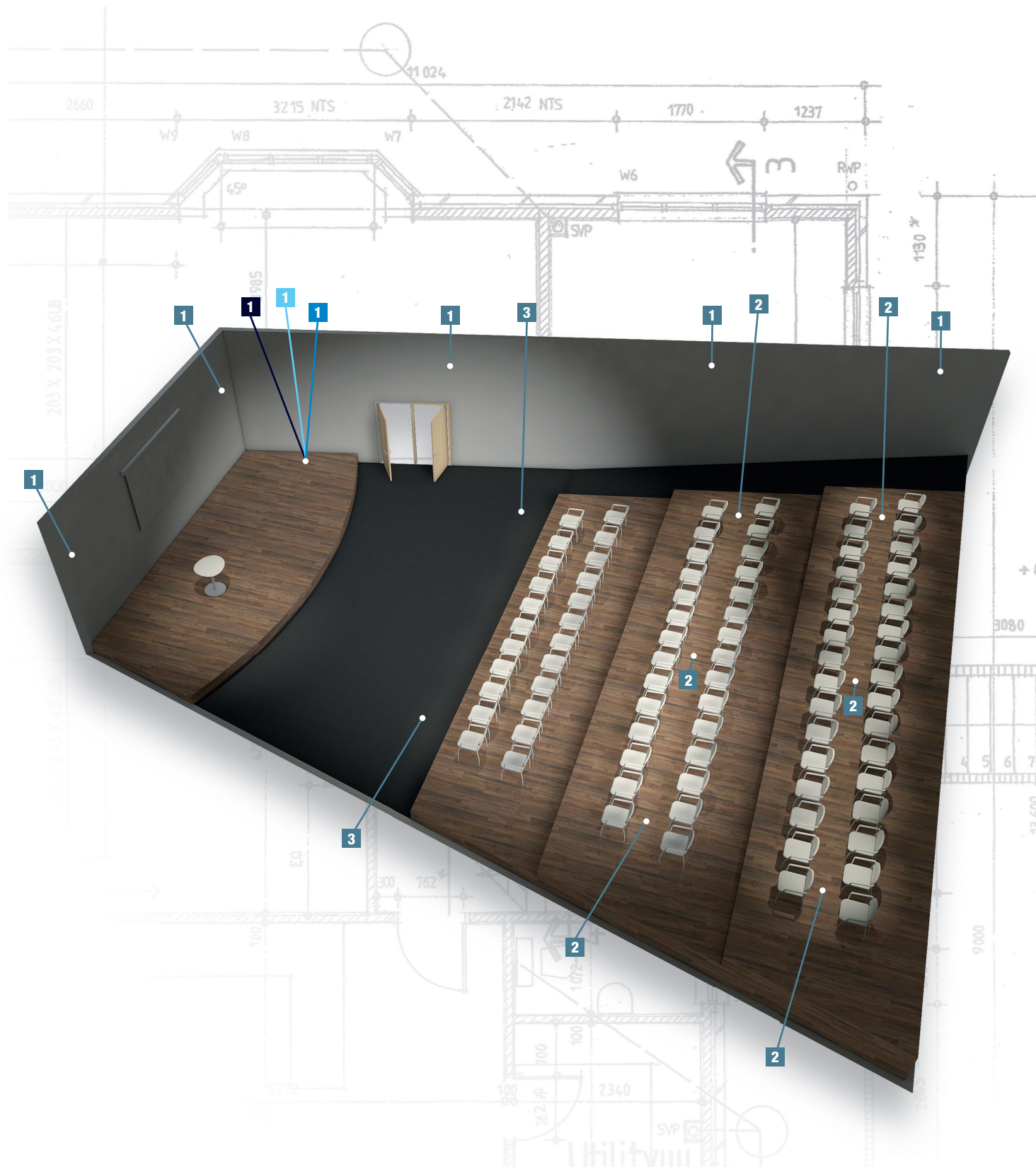
- Modern and stylish design
- Magnetic cover for easy installation and maintenance
- Excellent price performance ratio

D6593B

D6593W



Peak Input Power:	6 W	Freq. Resp. Max.:	15000 Hz
Transformer:	100 V	Woofer Ø:	6"
Line Transformer Taps:	3 / 6 W	Height (mm):	74 mm
Passive Input Connection:	Terminal	Width (mm):	186 mm
Speaker System:	Coaxial	Length (mm):	186 mm
Speaker Sensitivity (1 W/1 m):	93 dB	Weight:	0.76 kg
Max. SPL at 1 m:	97 dB	IP Rating:	IP20
Freq. Resp. Min.:	100 Hz	Mounting Size:	(indoor use only) Ø 170 mm



Auditorium

A pair of decent loudspeakers (Xi-10) provide sound to the front audience, while ceiling loudspeakers (DCS-6230-16 and DCS-8240-16) cover the rear audience. Because of their high impedance of 16 ohms, the DCS's

offer flexible configuration options of series/parallel connections, so more loudspeakers can be connected to a single amplifier channel without overloading it. The powerful 4x 500-watt CA-4500 DSP amplifier is perfectly suited for this application.

Audio Source

1

IR-150BT Media Player

1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U



Mix & Control

1

Compact 9.2

9-Channel 1U Install Mixer, 2 Zones

- Channel displays that show the input source
- Gain settings at back panel
- Main EQ settings at back panel
- Front input for Phone/MP3 devices
- Ideal for non-technical users

D2322



Mono Inputs:	3	Zone Equalizer:	3 Bands
Stereo Inputs:	7	Power Supply:	240 VAC 50-60 Hz
Main Outputs:	2	Power Consumption:	6 W
THD Level:	< 0.01 %	Height (mm):	44 mm
Freq. Resp. Min.:	20 Hz	Width (mm):	175 mm
Freq. Resp. Max.:	20000 Hz	Length (mm):	481 mm
Parametric			



Amplifiers

1

CA-4500 DSP

4 x 500 W Amp

- 4-channel DSP powered amplifier
- OLED display and PC configurable
- SMPS & Class-D Amp Technology
- Advanced protection circuits
- Low impedance and 70/100 V output

D4515



2 Ohms Stable:	No	Freq. Resp. Min.:	20 Hz
Output per Chan. into 8 ohms at 1 kHz:	250 W	Freq. Resp. Max.:	20000 Hz
Output per Chan. into 4 ohm at 1 kHz:	500 W	Parametric	
Bridge Output into 8 ohms at 1 kHz:	1000 W	Input Equalizer:	8 Bands
Output per Chan. at 70/100 V at 1 kHz:	500 W	Parametric	
Output Channels:	4	Output Equalizer:	8 Bands
Output Mode:	4-Chan. / Bridge / Mono / Stereo	Crossover Filter Types:	Bessel / Butterworth
Speaker Connector:	4 pole	/ Linkwitz Riley	
Output Connector:	3-pin XLR	Power Supply:	220V-240 VAC 50 Hz
Mono Input Connector:	< 0.15 %	Power Consumption:	1741 W
THD Level:	> 96 dB	Height (mm):	44 mm
Signal-to-noise Ratio:	25 V/μs	Width (mm):	483 mm
SLEW Rate:	Class D	Length (mm):	285 mm
Amp Technology:	180 :1	Rack Units:	1 U
Damping Factor:		Weight:	5.9 kg
		Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal



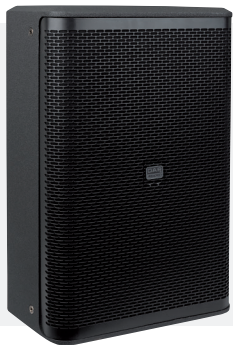
Speakers

1

Xi-10
Passive 10" install speaker

- 300 W RMS
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable horn and logo for vertical mounting
- Easy detachable magnet mounted grill

D3546
D3547



RMS Input Power: 300 W
Peak Input Power: 1200 W
Passive
Input Connection: Speaker Connector
4 pole / Terminal
2-way
Speaker System: Speaker
Sensitivity (1 W/1 m): 96 dB
Speaker Impedance: 8 Ω
Max. SPL at 1 m: 127 dB
Freq. Resp. Min.: 45 Hz
Freq. Resp. Max.: 20000 Hz
Freq. Resp. (-10dB) Min.: 55 Hz
Freq. Resp. (-10dB) Max.: 20000 Hz
Woofer Ø: 10 "

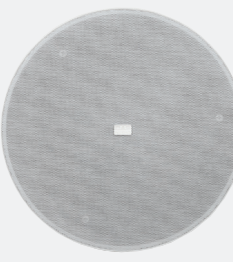
Woofer Voice Coil: 2.5 "
Compression Driver Ø: 1 "
Compression Driver
Voice Coil: 1.4 "
Dispersion Angle Hor.: 90 °
Dispersion Angle Vert.: 60 °
Height (mm): 528 mm
Width (mm): 350 mm
Length (mm): 300 mm
Material: Plywood
Colour: Black or White
Weight: 14 kg
IP Rating: IP20
(indoor use only)
Rotatable Horn: Yes

2

DCS-6230-16
6" Passive Ceiling Speaker

- 30 W recessed ceiling speaker
- 2-way system
- 16 Ω
- 6" woofer

D6585



RMS Input Power: 30 W
Peak Input Power: 60 W
Passive
Input Connection: Terminal
2-way
Speaker System: Speaker
Sensitivity (1 W/1 m): 86 dB
Speaker Impedance: 16 Ω
Max. SPL at 1 m: 101 dB
Freq. Resp. Min.: 46 Hz
Freq. Resp. Max.: 19000 Hz
Woofer Ø: 6 "
Woofer Voice Coil: 1 "
Compression Driver Ø: 0.75 "

Compression Driver
Voice Coil: 0.5 "
Dispersion Angle Hor.: 80 °
Dispersion Angle Vert.: 80 °
Height (mm): 102 mm
Width (mm): 237 mm
Length (mm): 237 mm
Installation Depth (excl. connector): 98 mm
Material: Plastic
Colour: White
Weight: 1.5 kg
IP Rating: IP20
(indoor use only)

3

DCS-8240-16
8" Passive Ceiling Speaker

- 100 W recessed ceiling speaker
- 2-way system
- 16 Ω
- 8" woofer

D6584



RMS Input Power: 100 W
Peak Input Power: 200 W
Passive
Input Connection: Terminal
2-way
Speaker System: Speaker
Sensitivity (1 W/1 m): 90 dB
Speaker Impedance: 16 Ω
Max. SPL at 1 m: 110 dB
Freq. Resp. Min.: 50 Hz
Freq. Resp. Max.: 20000 Hz
Woofer Ø: 8 "
Woofer Voice Coil: 1.5 "
Compression Driver Ø: 1 "

Compression Driver
Voice Coil: 1 "
Height (mm): 110 mm
Width (mm): 281 mm
Length (mm): 281 mm
Installation Depth (excl. connector): 105 mm
Ø: 245 mm
Material: Plastic
Colour: White
Weight: 2.61 kg
IP Rating: IP20
(indoor use only)

3

EDCS-626
6" Passive Ceiling Speaker 100 V

- Modern and stylish design
- Magnetic cover for easy installation and maintenance
- Excellent price performance ratio

D6593B
D6593W



Peak Input Power: 6 W
Transformer: 100 V
Line Transformer Taps: 3 / 6 W
Passive
Input Connection: Terminal
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 93 dB
Max. SPL at 1 m: 97 dB
Freq. Resp. Min.: 100 Hz

Freq. Resp. Max.: 15000 Hz
Woofer Ø: 6 "
Height (mm): 74 mm
Width (mm): 186 mm
Length (mm): 186 mm
Weight: 0.76 kg
IP Rating: IP20
(indoor use only)
Mounting Size: Ø 170 mm

3

EDCS-8210
8" Passive Ceiling Speaker 100 V

- Excellent price performance ratio
- Modern and stylish design
- Magnetic cover for easy installation and maintenance

D6594B
D6594W



Peak Input Power: 10 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 W
Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 93 dB
Speaker Impedance: 8 Ω
Max. SPL at 1 m: 98 dB
Freq. Resp. Min.: 100 Hz
Freq. Resp. Max.: 15000 Hz

Woofer Ø: 8 "
Dispersion Angle Hor.: 360 °
Dispersion Angle Vert.: 180 °
Height (mm): 88 mm
Width (mm): 232 mm
Length (mm): 232 mm
Weight: 0.9 kg
IP Rating: IP20
(indoor use only)
Mounting Size: Ø 210 mm



Fitness center

In this configuration example the Compact 6.2 is used because it is especially designed for fitness solutions. It combines a mixer with two main outputs, a USB player with pitch control, two microphone channels with built-in compressor, and a separate, adjustable monitor output.

Audio Source

1

EDGE EBS-1 Wireless Beltpack System

- UHF true-diversity receiver with full colour LCD
- Band Scan function for interference elimination
- Belt-pack transmitter with OLED display
- High-quality cardioid condenser headset
- Easy operation with clear and pure sound

D1476B



Wireless Audio Freq. Start:	606 MHz	RF Antenna Input Connection:	BNC
Wireless Audio Freq. End:	668 MHz	Microphone Output:	1
RF Power:	30 mW	Microphone Output Connection:	3-pin XLR / TRS unbalanced 6.3 mm
RF Bandwidth:	60 MHz	Battery Type:	AA
THD Level:	< 1.0 %	Runtime Average:	10 h
Signal-to-noise Ratio:	> 100 dB	Transmitter Type:	Beltpack
Max. SPL:	133 dB	Receiver Type:	True diversity
Freq. Resp. Min.:	50 Hz	Power Connector in:	Low Voltage DC plug
Freq. Resp. Max.:	19000 Hz	Power Connector out:	Low Voltage DC Socket
Phantom Power:	5 V	Weight Transmitter:	0.11 kg
Mono Input Connector:	4-pin mini XLR		
RF Antenna Inputs:	2		

2

IR-150BT Media Player 1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1 %	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U

Mix & Control

1

DCP-24 MKII Digital Cross Over 2-in, 4-out

- 48 kHz, 64Bits Sample rate
- 5 parametric EQ's each in- and output
- USB interface and user-friendly software included
- 50 User Presets

D2083



Mono Inputs:	2	Parametric Input Equalizer:	5 Bands
Mono Balanced Input Max. Level:	22 dBu	Parametric Output Equalizer:	5 Bands
Main Outputs:	4	Crossover Filter Types:	Bessel / Butterworth / Linkwitz Riley
THD Level:	< 0.01 %	Crossover Slopes:	6 / 12 / 24 / 48 dB
Signal-to-noise Ratio:	> 90 dB	Output Delay (Max):	8 ms
DSP Processor Bitrate:	64-bit	Control Mode:	Manual / PC Software
Freq. Resp. Min.:	20 Hz	Power Supply:	220V-240 VAC 50 Hz
Freq. Resp. Max.:	20000 Hz	Power Consumption:	2.8 W
Supported Operating Systems:	Windows		
Equalizer Range:	12 dB		

2

Compact 6.2 6-Channel 1U Install Mixer / USB Player, 2 Zones

- Mic input with Comp/Limit
- USB Player with pitch control
- Display with ID3 Text
- Direct MP3/Phone input
- 2 x Master & Monitor output

D2320



Mono Inputs:	2	Parametric Main Equalizer:	3 Bands
Stereo Inputs:	2	Dynamics Type:	Compressor
Auxiliary Inputs:	1	Power Supply:	240 VAC 50-60 Hz
Main Outputs:	2	Power Consumption:	10.5 W
Media Input/Output:	USB-A	Height (mm):	44 mm
THD Level:	< 0.01 %	Width (mm):	175 mm
Freq. Resp. Min.:	20 Hz	Length (mm):	481 mm
Freq. Resp. Max.:	20000 Hz		
Phantom Power:	48 V		

Amplifiers

1

Qi-4600
4x 600 W amplifier

- Perfect sound quality and long lifespan
- Robust steel 19" / 1U housing
- Suitable for either mobile and installation speakers
- Bridge and stereo modus
- SMPS, Class D amplification & Soft start technology

D4532



2 Ohms Stable:	No	Damping Factor:	200 :1
Output per Chan. into 8 ohms at 1 kHz:	360 W	Freq. Resp. Min.:	10 Hz
Output per Chan. into 4 ohm at 1 kHz:	600 W	Freq. Resp. Max.:	20000 Hz
Bridge Output into 8 ohms at 1 kHz:	1200 W	Power Supply:	100-240 VAC
Output Channels:	4		50-60 Hz
Output Mode:	4-Chan. / Bridge / Stereo	Power Consumption:	1490 W
Output Connector:	Speaker Connector	Height (mm):	44 mm
	4 pole	Width (mm):	483 mm
Mono Input Connector:	3-pin XLR	Length (mm):	390 mm
THD Level:	< 0.5 %	Rack Units:	1 U
Signal-to-noise Ratio:	> 90 dB	Weight:	6 kg
SLEW Rate:	25 V/µs	Electronic Protection:	Clip limiter (fixed) / DC voltage / RF / Short circuit / Softstart / Thermal
Amp Technology:	Class D		

Speakers

1

Xi-8
Passive 8" install speaker

- 250 W RMS
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable horn and logo for vertical mounting
- Easy detachable magnet mounted grill

D3544

D3545



RMS Input Power:	250 W	Woofer Voice Coil:	2 "
Peak Input Power:	1000 W	Compression Driver Ø:	1 "
Passive		Compression Driver	
Input Connection:	Speaker Connector	Voice Coil:	1.4 "
	4 pole / Terminal	Dispersion Angle Hor.:	90 °
	2-way	Dispersion Angle Vert.:	60 °
Speaker System:		Height (mm):	430 mm
Speaker		Width (mm):	263 mm
Sensitivity (1 W/1 m):	95 dB	Length (mm):	290 mm
Speaker Impedance:	8 Ω	Material:	Plywood
Max. SPL at 1 m:	125 dB	Colour:	Black or White
Freq. Resp. Min.:	55 Hz	Weight:	10.7 kg
Freq. Resp. Max.:	20000 Hz	IP Rating:	IP20
Freq. Resp. (-10dB) Min.:	55 Hz		(indoor use only)
Freq. Resp. (-10dB) Max.:	20000 Hz	Rotatable Horn:	Yes
Woofer Ø:	8 "		

2

Xi-28 MKII
Passive 2x 8" installatie subwoofer

- 400 W RMS/1600 W peak power
- Suitable in conjunction with Xi top cabinets
- Smooth frequency response
- Rotatable logo
- Ultra compact and lightweight design

D3452

D3453



RMS Input Power:	400 W	Woofer Ø:	8 "
Peak Input Power:	1600 W	Woofer Voice Coil:	2 "
Passive		Subwoofer	
Input Connection:	Speaker Connector	Dispersion Angle Hor.:	360 °
	4 pole	Subwoofer	
Speaker System:	Subwoofer	Dispersion Angle Vert.:	180 °
Speaker		Height (mm):	240 mm
Sensitivity (1 W/1 m):	100 dB	Width (mm):	520 mm
Speaker Impedance:	4 Ω	Length (mm):	540 mm
Max. SPL at 1 m:	132 dB	Material:	Wood
Freq. Resp. Min.:	45 Hz	Colour:	Black or White
Freq. Resp. Max.:	4000 Hz	Weight:	19 kg
Freq. Resp. (-10dB) Min.:	45 Hz	IP Rating:	IP20
Freq. Resp. (-10dB) Max.:	4500 Hz		(indoor use only)

3

M10
Active 10" floor monitor

- 350 W RMS, max SPL of 126 dB @ 1 m
- Class D amplifier
- Compact and lightweight
- Easy daisy chain with XLR and powerCON
- Stage proof design with rugged metal protective speaker grill

D3660



Low Driver Power:	350 W	Dispersion Angle Hor.:	70 °
High Driver Power:	65 W	Dispersion Angle Vert.:	70 °
RMS Output		Power Supply:	100-240 VAC
Power Amplifier:	415 W		50-60 Hz
Mono Inputs:	1		80 W
THD Level:	< 0.5 %	Power Consumption:	powerCON Blue
Signal-to-noise Ratio:	> 90 dB	Height (mm):	278 mm
Amp Technology:	Class D	Width (mm):	364 mm
Speaker System:	2-way	Length (mm):	430 mm
Max. SPL at 1 m:	126 dB	Material:	Wood
Freq. Resp. (-10dB) Min.:	70 Hz	Weight:	11.4 kg
Freq. Resp. (-10dB) Max.:	20000 Hz	Electronic Protection:	Clip limiter (fixed) / Convection-fan / DC voltage / Thermal
Woofer Ø:	10 "		
Woofer Voice Coil:	2.5 "		
Compression Driver			
Voice Coil:	1 "		

3

M12
Active 12" floor monitor

- 350 W RMS, max SPL of 127 dB @ 1 m
- Class D amplifier
- Compact and lightweight
- Easy daisy chain with XLR and powerCON
- Stage proof design with rugged metal protective grill

D3661



Low Driver Power:	350 W	Voice Coil:	1 "
High Driver Power:	65 W	Dispersion Angle Hor.:	70 °
RMS Output		Dispersion Angle Vert.:	70 °
Power Amplifier:	415 W	Power Supply:	100-240 VAC
Mono Inputs:	1		50-60 Hz
THD Level:	< 0.5 %	Power Consumption:	80 W
Signal-to-noise Ratio:	> 90 dB	Power Connector in:	powerCON Blue
Amp Technology:	Class D	Height (mm):	314 mm
Speaker System:	2-way	Width (mm):	394 mm
Max. SPL at 1 m:	127 dB	Length (mm):	495 mm
Freq. Resp. (-10dB) Min.:	65 Hz	Material:	Wood
Freq. Resp. (-10dB) Max.:	20000 Hz	Weight:	14.4 kg
Woofer Ø:	12 "	Electronic Protection:	Clip limiter (fixed) / Convection-fan / DC voltage / Thermal
Woofer Voice Coil:	2.5 "		
Compression Driver			

3

M15
Active 15" floor monitor

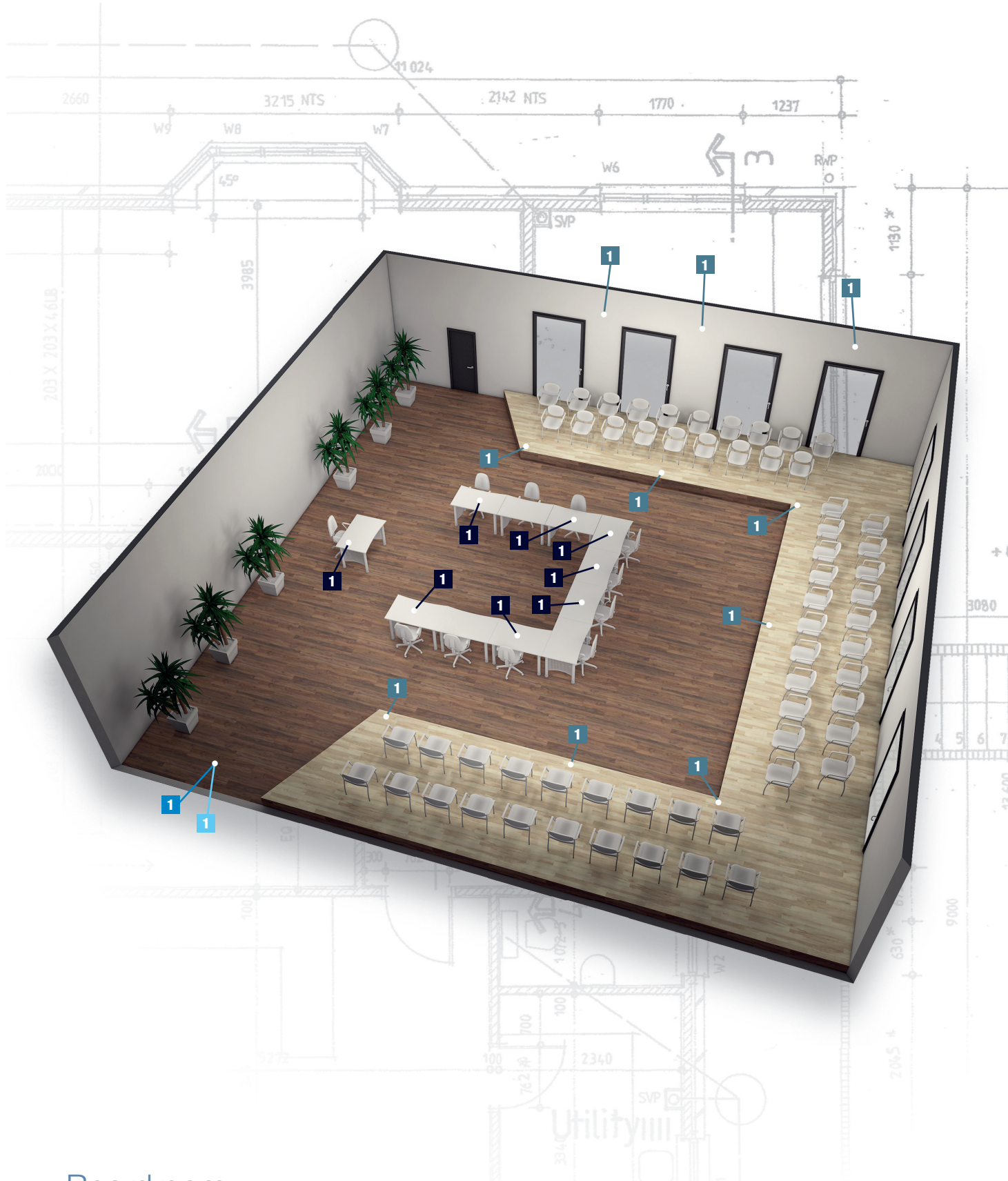
- 350 W RMS, max SPL of 128 dB @ 1 m
- Class D amplifier
- Compact and lightweight
- Easy daisy chain with XLR and powerCON
- Stage proof design with rugged metal protective grill

D3662



Low Driver Power:	350 W	Dispersion Angle Hor.:	70 °
High Driver Power:	65 W	Dispersion Angle Vert.:	70 °
RMS Output		Power Supply:	100-240 VAC
Power Amplifier:	415 W		50-60 Hz
Mono Inputs:	1	Power Consumption:	80 W
THD Level:	< 0.5 %	Power Connector in:	powerCON Blue
Signal-to-noise Ratio:	> 90 dB	Height (mm):	342 mm
Amp Technology:	Class D	Width (mm):	495 mm
Speaker System:	2-way	Length (mm):	538 mm
Max. SPL at 1 m:	128 dB	Material:	Wood
Freq. Resp. (-10dB) Min.:	60 Hz	Weight:	18.4 kg
Freq. Resp. (-10dB) Max.:	20000 Hz	Electronic Protection:	Clip limiter (fixed) / Convection-fan / DC voltage / Thermal
Woofer Ø:	15 "		
Woofer Voice Coil:	2.5 "		
Compression Driver			
Voice Coil:	1 "		





Boardroom

The PM-160 has a talk button, so that it only passes sound when activated, muting unwanted noises when someone has the floor. The two-way DCS-6230BC ceiling loudspeakers provide a crisp and intelligible sound.

Audio Source

1

- PM-160**
Announcement Microphone with Chime
- Mic volume adjustable on backside
 - Chime volume adjustable on backside
 - Talk button on top
 - Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Mix & Control

1

- Compact 8.1**
8-Channel 1U Install Mixer, 1 Output
- 8 combined Mic Line inputs
 - EQ with mid sweep
 - Phantom power
 - Selectable Hi-pass filter

D2321



Mono Inputs:	8	Phantom Power:	48 V
Stereo Inputs:	8	Parametric Main Equalizer:	3 Bands
Main Outputs:	1	Power Supply:	240 VAC 50-60 Hz
Monitor Output:	1	Power Consumption:	12 W
Headphone Output:	1	Height (mm):	44 mm
Record Output:	1	Width (mm):	175 mm
THD Level:	< 0.01 %	Length (mm):	481 mm
Freq. Resp. Min.:	20 Hz		
Freq. Resp. Max.:	20000 Hz		

Amplifiers

1

- ZA-7250**
250 W 100 V Zone Amp
- 4 zones
 - 7 inputs
 - Telephone input
 - Zone line outputs

D6152



RMS Output Power Amplifier:	250 W	Parametric Channel Equalizer:	2 Bands
Output Channels:	4	Parametric Microphone Equalizer:	2 Bands
Output Mode:	Parallel	Speech Filter Range:	3 dB
Output Connector:	Terminal	Speech Filter Freq.:	300 Hz
Main Outputs:	2	Power Supply:	240 VAC 50-60 Hz
Main Output Connector:	3-pin XLR / RCA	Backup Power Supply:	24 VDC
Zone Output:	4	Power Consumption:	517 W
Zone Output Connector:	Terminal / RCA	Power Connector in:	IEC C13 female
Mono Inputs:	3	Height (mm):	88 mm
Mono Input Connector:	3-pin XLR / Terminal / TS unbalanced 6.3 mm	Width (mm):	483 mm
Stereo Inputs:	3	Length (mm):	328 mm
Stereo Input Connector:	TRS balanced 3.5 mm	Rack Units:	2 U
Auxiliary Inputs:	1	Weight:	12 kg
Auxiliary Input Connector:	RCA	PTT:	Yes
Transformer:	100 V	Chime:	Yes
Phantom Power:	18 V	Telephone Input:	Yes
		Electronic Protection:	Overload / Short circuit

Speakers

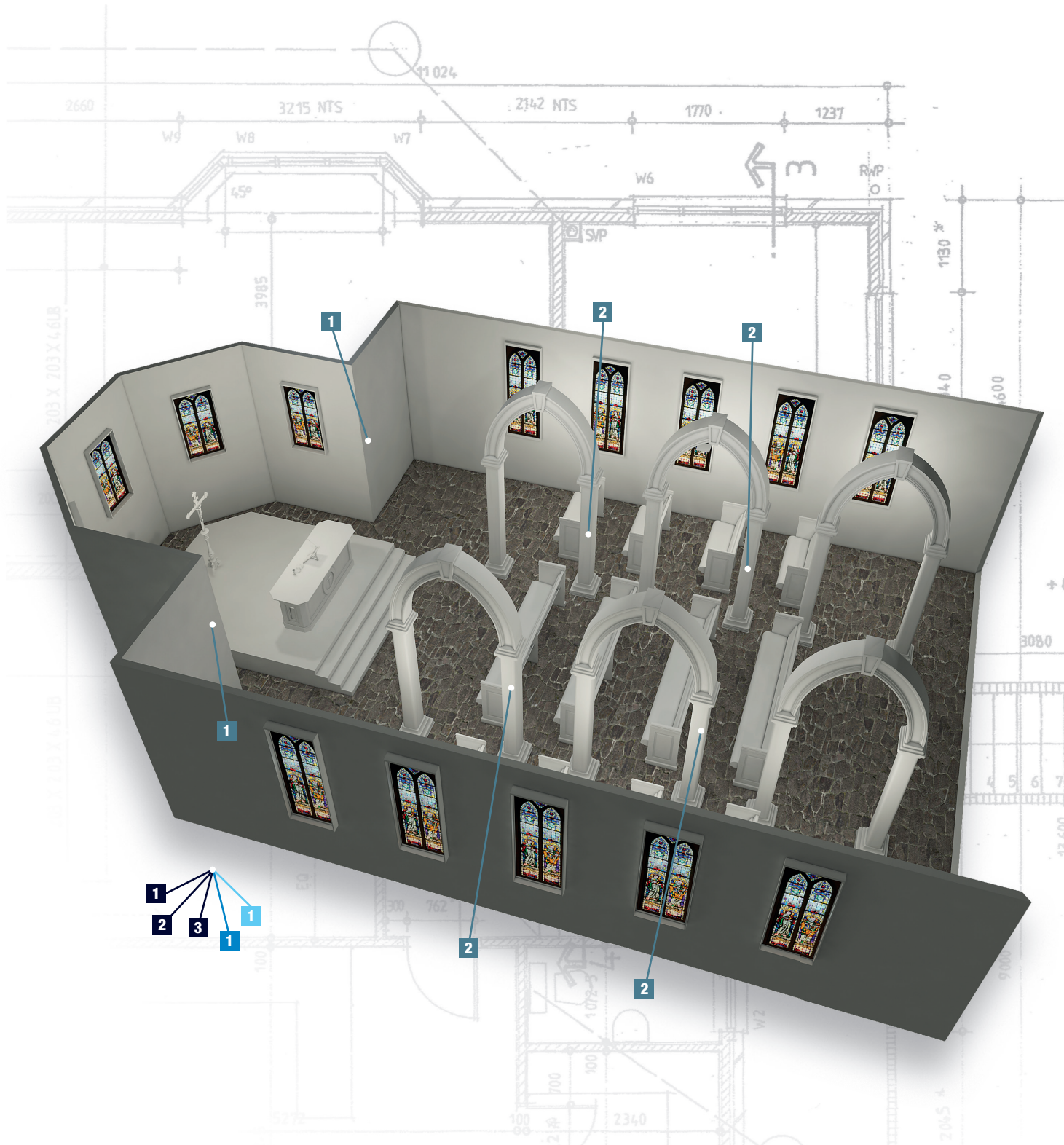
1

- DCS-6230BC**
6.5" Passive Ceiling Speaker 100 V - White
- 30 W / 100 V ceiling speaker back can
 - Modern design
 - 6.5" woofer
 - 2-way system
 - Terminal input connection

D6586



Peak Input Power:	30 W	Freq. Resp. Max.:	20000 Hz
Transformer:	100 V	Woofer Ø:	6.5"
Line Transformer Taps:	1.8 / 3.75 / 7.5 / 15 / 30 W	Compression Driver Ø:	1"
Passive Input Connection:	Terminal	Height (mm):	190 mm
Speaker System:	2-way	Width (mm):	226 mm
Speaker		Length (mm):	226 mm
Sensitivity (1 W/1 m):	88 dB	Installation Depth (excl. connector):	190 mm
Speaker Impedance:	8 Ω	Weight:	2.7 kg
Freq. Resp. Min.:	60 Hz	IP Rating:	IP55
		Mounting Size:	Ø 240 mm



Churches

Churches often are quite reverberant, therefore the DAP SCS series column loudspeakers offer the best solution. They act like a line source, eliminating much of the vertical off-axis sound, thus minimising reverberant sound. Their slim design fits well in this application. The DCP-26 MKII is used to time-align all loudspeakers to achieve the best speech intelligibility.

Audio Source

1

PM-160
Announcement Microphone with Chime

- Mic volume adjustable on backside
- Chime volume adjustable on backside
- Talk button on top
- Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

2

CDR-110 MKIV
1U CD + USB Player / USB Recorder

- Backlite buttons
- Adjustable record Level with indication
- Combined CD/USB/SD output
- IR Remote control

D1259



Auxiliary Inputs:	1	Signal-to-noise Ratio:	> 60 dB
Main Outputs:	1	Power Supply:	240 VAC 50-60 Hz
Main Output Max. Level:	4 dBu	Power Consumption:	6.5 W
Supported Audio Files:	MP3	Height (mm):	44 mm
Max. Storage Size:	32 GB	Width (mm):	482 mm
Media Input/Output:	USB-A / SD Card	Length (mm):	250 mm
Record Output File:	MP3	Rack Units:	1 U
THD Level:	< 0.1%		

3

IR-150BT Media Player
1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U

Mix & Control

1

DCP-26 MKII
Digital Cross Over 2-in, 6-out

- 48 kHz, 64-bit Sample rate
- 5 parametric EQ's each in- and output
- USB interface and user-friendly software included
- 50 user Presets

D2084



Mono Inputs:	2	Parametric Input Equalizer:	5 Bands
Mono Balanced Input Max. Level:	22 dBu	Parametric Output Equalizer:	5 Bands
Main Outputs:	6	Crossover Filter Types:	Bessel / Butterworth / Linkwitz Riley
THD Level:	< 0.01 %	Crossover Slopes:	6 / 12 / 24 / 48 dB
Signal-to-noise Ratio:	> 90 dB	Output Delay (Max):	8 ms
DSP Processor Bitrate:	64-bit	Control Mode:	Manual / PC Software
Freq. Resp. Min.:	20 Hz	Power Supply:	220V-240 VAC 50 Hz
Freq. Resp. Max.:	20000 Hz	Power Consumption:	2.9 W
Supported Operating Systems:	Windows		
Equalizer Range:	12 dB		

Amplifiers

1

PA-7120
120 W 100 V Amp

- 1 zone
- 7 inputs
- Front minijack line/phone input
- Chime & Ducking

D6151



RMS Output		Channel Equalizer:	2 Bands
Power Amplifier:	120 W	Parametric	
Output Channels:	1	Microphone Equalizer:	2 Bands
Output Mode:	Parallel	Speech Filter Range:	3 dB
Output Connector:	Terminal	Speech Filter Freq.:	300 Hz
Main Outputs:	1	Power Supply:	240 VAC 50-60 Hz
Main Output Connector:	RCA	Backup Power Supply:	24 VDC
Mono Inputs:	3	Power Consumption:	253 W
Mono Input Connector:	3-pin XLR / Terminal	Power Connector in:	IEC C13 female
	/ TS unbalanced	Height (mm):	88 mm
Stereo Inputs:	3	Width (mm):	483 mm
Stereo Input Connector:	RCA / TRS balanced	Length (mm):	328 mm
	3.5 mm	Rack Units:	2 U
Auxiliary Inputs:	1	Weight:	9 kg
Auxiliary		PTT:	Yes
Input Connector:	RCA	Chime:	Yes
Transformer:	100 V	Telephone Input:	Yes
Phantom Power:	18 V	Electronic Protection:	Overload / Short circuit
Parametric			

Speakers

1

SCS-250
10 x 2" Passive 100 V Column Speaker

- 50 W / 100 V wall column speaker
- 2-way
- Slim line
- 10x 2" woofer
- IP44
- Bolt & washer, bracket and cable glands included

D6613



Peak Input Power:	50 W	Freq. Resp. Min.:	180 Hz
Transformer:	100 V	Freq. Resp. Max.:	18000 Hz
Line Transformer Taps:	12.5 / 25 / 50 W	Woofer Ø:	2"
Passive		Compression Driver Ø:	1"
Input Connection:	Open End	Height (mm):	800 mm
Speaker System:	Column	Width (mm):	74 mm
Speaker		Length (mm):	68 mm
Sensitivity (1 W/1 m):	91 dB	Weight:	3.7 kg
Speaker Impedance:	8 Ω	IP Rating:	IP44

2

SCS-230
4 x 2" Passive 100 V Column Speaker

- 30 W / 100 V wall column speaker
- 2-way
- Slim line
- 4x 2" woofer
- IP44
- Bolt & washer, bracket and cable glands included

D6612



Peak Input Power:	30 W	Freq. Resp. Min.:	180 Hz
Transformer:	100 V	Freq. Resp. Max.:	18000 Hz
Line Transformer Taps:	7.5 / 15 / 30 W	Woofer Ø:	2"
Passive		Compression Driver Ø:	1"
Input Connection:	Open End	Height (mm):	400 mm
Speaker System:	Column	Width (mm):	74 mm
Speaker		Length (mm):	68 mm
Sensitivity (1 W/1 m):	91 dB	Weight:	1.7 kg
Speaker Impedance:	8 Ω	IP Rating:	IP44



Wellnes-centre

In this configuration example the ZA-9250TU can control the whole wellness centre. It has four zones with a total power of 250 W, which is enough to power all applied speakers. Zones can be switched off to mute areas that are not in use.

Audio Source

1

- PM-160**
Announcement Microphone with Chime
- Mic volume adjustable on backside
 - Chime volume adjustable on backside
 - Talk button on top
 - Built-in four-tone Chime

D6191



Main Outputs:	1	Power Connector in:	Low Voltage DC plug
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Height (mm):	132 mm
Microphone Type:	Condenser	Width (mm):	155 mm
Microphone Sensitivity:	230 mV	Length (mm):	380 mm
Freq. Resp. Min.:	22 Hz	Chime:	Yes
Freq. Resp. Max.:	23000 Hz		

2

- IR-150BT Media Player**
1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)
- 1U 19" media player
 - Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
 - Suitable for fitness centres, shops et cetera
 - 2.4" TFT display
 - 3.5 mm jack and 4x RCA input
 - XLR microphone input (no phantom power)
 - IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U

Mix & Control

1

- VCB - Volume Controller**
36 W

D6533



Output per Chan. at 70/100 V at 20Hz > 20 kHz:	36 W	Main Outputs:	1
Passive		Height (mm):	80 mm
Output Connector:	Terminal	Width (mm):	80 mm
		Length (mm):	30 mm

Amplifiers

1

- ZA-9250TU**
250 W 100 V Zone Amp
- 4 zones
 - Media player
 - Zone line outputs
 - USB on front and backside

D6154



RMS Output	250 W	Parametric Channel Equalizer:	2 Bands
Power Amplifier:	4	Parametric Microphone Equalizer:	2 Bands
Output Channels:	Parallel	Speech Filter Range:	3 dB
Output Mode:	Terminal	Speech Filter Freq.:	300 Hz
Output Connector:	Terminal	FM Freq. Start:	87.5 MHz
Main Outputs:	1	FM Freq. End:	108 MHz
Main Output Connector:	RCA	Power Supply:	240 VAC 50-60 Hz
Zone Output:	4	Backup Power Supply:	24 VDC
Zone Output Connector:	Terminal / RCA	Power Consumption:	500 W
Mono Inputs:	3	Power Connector in:	IEC C13 female
Mono Input Connector:	3-pin XLR / Terminal / TS unbalanced 6.3 mm	Data Connector in:	USB
Stereo Inputs:	3	Height (mm):	88 mm
Stereo Input Connector:	RCA / TRS balanced 3.5 mm	Width (mm):	483 mm
Auxiliary Inputs:	1	Length (mm):	328 mm
Auxiliary Input Connector:	RCA	Rack Units:	2 U
Transformer:	100 V	Weight:	12 kg
Supported Audio Files:	MP3 / WAV	PTT:	Yes
Media Input/Output:	USB-A	Chime:	Yes
Phantom Power:	18 V	Telephone Input:	Yes
		Electronic Protection:	Overload / Short circuit

Speakers

1

EVO 4T
Passive 4" 100 V speaker set

- Full-range 2-way audio set for excellent Hi-Fi quality
- 70/100 V with 4 power taps
- 40 W RMS, max SPL: 110 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white

D3680 
D3681 



RMS Input Power: 40 W
Peak Input Power: 80 W
Transformer: 70+100 V
Line Transformer Taps: 2 / 4 / 8 / 16 W
Passive
Input Connection: Terminal
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 100 Hz
Freq. Resp. Max.: 20000 Hz

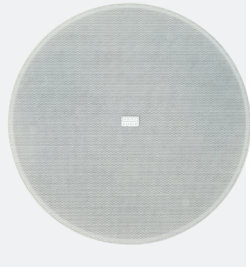
Woofer Ø: 4 "
Compression Driver Ø: 1 "
Dispersion Angle Hor.: 110 °
Dispersion Angle Vert.: 90 °
Height (mm): 195 mm
Width (mm): 127 mm
Length (mm): 115 mm
Installation
Depth (excl. connector): 157 mm
Weight: 1.8 kg
IP Rating: IP54

2

DCS-6230
6" Passive Ceiling Speaker 100 V

- Recessed installation
- 2-way speaker system
- Magnetic grill assembly
- Ultra-thin border

D6580



Peak Input Power: 30 W
Transformer: 100 V
Line Transformer Taps: 7.5 / 15 / 30 W
Passive
Input Connection: Open End
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 90 Hz

Freq. Resp. Max.: 20000 Hz
Woofer Ø: 6 "
Compression Driver Ø: 0.5 "
Dispersion Angle Hor.: 130 °
Height (mm): 95 mm
Width (mm): 230 mm
Length (mm): 230 mm
Weight: 1.85 kg
IP Rating: IP40
Mounting Size: Ø 200 mm

3

DCS-5230
5" Passive Ceiling Speaker 100 V

- Recessed installation
- 2-way speaker system
- Magnetic grill assembly
- Ultra-thin border

D6579



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 / 20 W
Passive
Input Connection: Open End
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 100 Hz

Freq. Resp. Max.: 20000 Hz
Woofer Ø: 5 "
Compression Driver Ø: 0.75 "
Dispersion Angle Hor.: 130 °
Height (mm): 80 mm
Width (mm): 203 mm
Length (mm): 203 mm
Weight: 1.1 kg
IP Rating: IP40
Mounting Size: Ø 180 mm

4

DCS-4220
4" Passive Ceiling Speaker 100 V - White

- Recessed installation
- 2-way speaker system
- Magnetic grill assembly
- Ultra-thin border

D6578



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 / 20 W
Passive
Input Connection: Open End
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 110 Hz

Freq. Resp. Max.: 20000 Hz
Woofer Ø: 4 "
Compression Driver Ø: 0.5 "
Dispersion Angle Hor.: 130 °
Height (mm): 80 mm
Width (mm): 183 mm
Length (mm): 183 mm
Weight: 1 kg
IP Rating: IP40
Mounting Size: Ø 160 mm

5

WCS-46
4" Passive Waterproof Ceiling Speaker 100 V

- 6 W / 100 V speaker back can
- 4" woofer
- Protected against dust ingress and water jets (IP55)
- Wide 140° dispersion angle

D6577



Peak Input Power: 6 W
Transformer: 100 V
Line Transformer Taps: 3 / 6 W
Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 91 dB
Speaker Impedance: 8 Ω
Max. SPL at 1 m: 95 dB

Freq. Resp. Min.: 150 Hz
Freq. Resp. Max.: 18000 Hz
Woofer Ø: 4 "
Height (mm): 130 mm
Width (mm): 140 mm
Length (mm): 140 mm
Weight: 0.9 kg
IP Rating: IP55
Mounting Size: Ø 125 mm

6

CS-36
3" Passive Ceiling Speaker 100 V

- 6 W / 100 V recessed ceiling speaker
- 3" woofer
- Wide 140° dispersion angle

D6574



Peak Input Power: 6 W
Transformer: 100 V
Line Transformer Taps: 3 / 6 W
Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 87 dB
Freq. Resp. Min.: 120 Hz

Freq. Resp. Max.: 20000 Hz
Woofer Ø: 3 "
Dispersion Angle Hor.: 140 °
Height (mm): 80 mm
Width (mm): 103 mm
Length (mm): 103 mm
Weight: 0.4 kg
IP Rating: IP40
Mounting Size: Ø 95 mm

7

PSU-620M
6" Passive Unidirectional 100 V Projector Speaker

- 20 W / 100 V unidirectional projection speaker
- 6" woofer
- Protected against dust ingress (IP55)

D6554



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 / 20 W
Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 92 dB

Freq. Resp. Min.: 110 Hz
Freq. Resp. Max.: 15000 Hz
Woofer Ø: 6 "
Height (mm): 165 mm
Width (mm): 165 mm
Length (mm): 270 mm
Weight: 2.8 kg
IP Rating: IP55

8

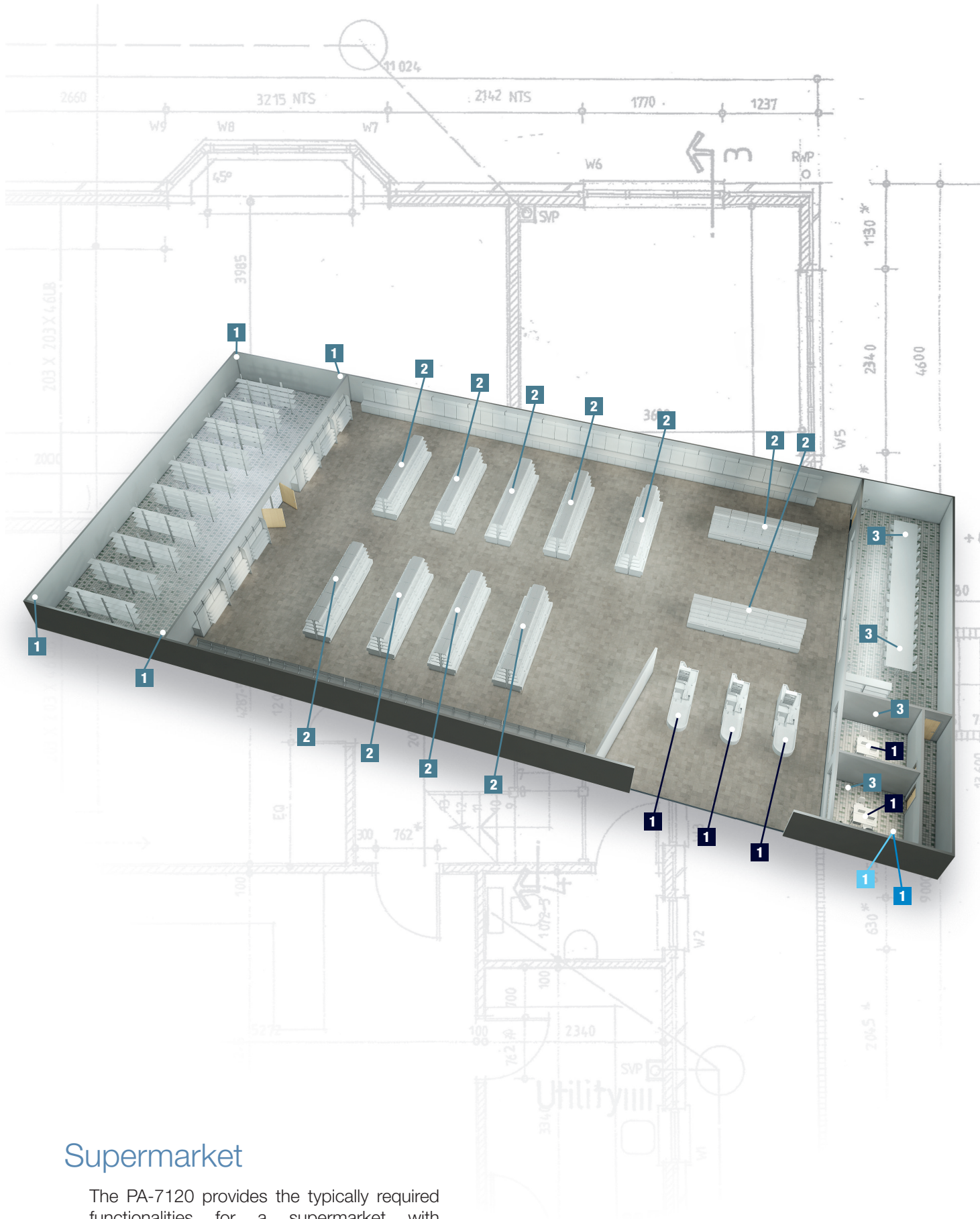
GS-520
5" Passive Garden Speaker 100 V

D6611



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 10 / 20 W
Passive
Input Connection: Open End
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 95 dB
Speaker Impedance: 8 Ω

Freq. Resp. Min.: 80 Hz
Freq. Resp. Max.: 15000 Hz
Woofer Ø: 5 "
Height (mm): 245 mm
Width (mm): 215 mm
Length (mm): 215 mm
Weight: 2.04 kg
IP Rating: IP65



Supermarket

The PA-7120 provides the typically required functionalities for a supermarket with ample inputs and Chime & ducking. The PM-160 microphone is used for making announcements.

Audio Source

1

- PM-160**
Announcement Microphone with Chime
- Mic volume adjustable on backside
 - Chime volume adjustable on backside
 - Talk button on top
 - Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Mix & Control

1

- Compact 8.1**
8-Channel 1U Install Mixer, 1 Output
- 8 combined Mic Line inputs
 - EQ with mid sweep
 - Phantom power
 - Selectable Hi-pass filter

D2321



Mono Inputs:	8	Phantom Power:	48 V
Stereo Inputs:	8	Parametric	
Main Outputs:	1	Main Equalizer:	3 Bands
Monitor Output:	1	Power Supply:	240 VAC 50-60 Hz
Headphone Output:	1	Power Consumption:	12 W
Record Output:	1	Height (mm):	44 mm
THD Level:	< 0.01 %	Width (mm):	175 mm
Freq. Resp. Min.:	20 Hz	Length (mm):	481 mm
Freq. Resp. Max.:	20000 Hz		

Amplifiers

1

- PA-7120**
120 W 100 V Amp
- 1 zone
 - 7 inputs
 - Front minijack line/phone input
 - Chime & Ducking

D6151



RMS Output		Channel Equalizer:	2 Bands
Power Amplifier:	120 W	Parametric	
Output Channels:	1	Microphone Equalizer:	2 Bands
Output Mode:	Parallel	Speech Filter Range:	3 dB
Output Connector:	Terminal	Speech Filter Freq.:	300 Hz
Main Outputs:	1	Power Supply:	240 VAC 50-60 Hz
Main Output Connector:	RCA	Backup Power Supply:	24 VDC
Mono Inputs:	3	Power Consumption:	253 W
Mono Input Connector:	3-pin XLR / Terminal / TS unbalanced 6.3 mm	Power Connector in:	IEC C13 female
		Height (mm):	88 mm
Stereo Inputs:	3	Width (mm):	483 mm
Stereo Input Connector:	RCA / TRS balanced 3.5 mm	Length (mm):	328 mm
Auxiliary Inputs:	1	Rack Units:	2 U
Auxiliary		Weight:	9 kg
Input Connector:	RCA	PTT:	Yes
Transformer:	100 V	Chime:	Yes
Phantom Power:	18 V	Telephone Input:	Yes
Parametric		Electronic Protection:	Overload / Short circuit

Speakers

1

HS-15S
Passive Square Horn Speaker 100 V

- 15 W / 70 + 100 V horn speaker
- Square horn
- Suitable for outdoor use (IP66)
- Light grey
- Bracket included

D6541



Peak Input Power: 15 W
Transformer: 70+100 V
Line Transformer Taps: 1.9 / 3.75 / 7.5 / 15 W

Passive
Input Connection: Open End
Speaker System: Horn
Speaker
Sensitivity (1 W/1 m): 105 dB

Speaker Impedance: 8 Ω
Freq. Resp. Min.: 300 Hz
Freq. Resp. Max.: 8000 Hz
Height (mm): 232 mm
Width (mm): 162 mm
Length (mm): 222 mm
Weight: 1.4 kg
IP Rating: IP66

2

HS-510P
5" Passive Hanging Speaker 100 V

- 10 W / 100 V ceiling speaker
- 5" woofer
- Wide 130° dispersion angle
- Protected against dust ingress (IP55)

D6568



Peak Input Power: 10 W
Transformer: 100 V
Line Transformer Taps: 2.5 / 5 / 10 W

Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 91 dB
Freq. Resp. Min.: 130 Hz

Freq. Resp. Max.: 15000 Hz
Woofer Ø: 5"
Dispersion Angle Hor.: 130 °
Height (mm): 200 mm
Width (mm): 130 mm
Length (mm): 130 mm
Weight: 1.5 kg
IP Rating: IP55

3

DCS-4220
4" Passive Ceiling Speaker 100 V

- Recessed installation
- 2-way speaker system
- Magnetic grill assembly
- Ultra-thin border

D6578



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 / 20 W

Passive
Input Connection: Open End
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 110 Hz

Freq. Resp. Max.: 20000 Hz
Woofer Ø: 4"
Compression Driver Ø: 0.5"
Dispersion Angle Hor.: 130 °
Height (mm): 80 mm
Width (mm): 183 mm
Length (mm): 183 mm
Weight: 1 kg
IP Rating: IP40
Mounting Size: Ø 160 mm





the HP-1500 or HP-2100 and XI-8 speakers, an outdoor/field system with four horn loudspeakers, powered by a PA-500, and a dressing room system with ceiling speakers, powered by a PA-250.

1

D2352



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan.		Damping Factor:	250 :1
into 8 ohms at 1 kHz:	500 W	Freq. Resp. Min.:	10 Hz
Output per Chan.		Freq. Resp. Max.:	20000 Hz
into 4 ohm at 1 kHz:	750 W	Power Supply:	220V-240 VAC 50 Hz
Bridge Output		Power Consumption:	1520 W
into 8 ohms at 1 kHz:	1500 W	Height (mm):	88 mm
Output Channels:	2	Width (mm):	483 mm
Output Mode:	Bridge / Parallel / Stereo	Length (mm):	360 mm
		Rack Units:	2 U
Output Connector:	Speaker Connector	Weight:	13.4 kg
	4 pole	Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal
Mono Input Connector:	3-pin XLR		
THD Level:	< 0.5 %		
Signal-to-noise Ratio:	> 100 dB		
SLEW Rate:	16 V/ μ s		

1

D4177



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan.		Damping Factor:	250 :1
into 8 ohms at 1 kHz:	500 W	Freq. Resp. Min.:	10 Hz
Output per Chan.		Freq. Resp. Max.:	20000 Hz
into 4 ohm at 1 kHz:	750 W	Power Supply:	220V-240 VAC 50 Hz
Bridge Output		Power Consumption:	1520 W
into 8 ohms at 1 kHz:	1500 W	Height (mm):	88 mm
Output Channels:	2	Width (mm):	483 mm
Output Mode:	Bridge / Parallel / Stereo	Length (mm):	360 mm
		Rack Units:	2 U
Output Connector:	Speaker Connector	Weight:	13.4 kg
	4 pole	Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal
Mono Input Connector:	3-pin XLR		
THD Level:	< 0.5 %		
Signal-to-noise Ratio:	> 100 dB		
SLEW Rate:	16 V/μs		

1

D4178



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan.		Damping Factor:	250 :1
into 8 ohms at 1 kHz:	700 W	Freq. Resp. Min.:	10 Hz
Output per Chan.		Freq. Resp. Max.:	20000 Hz
into 4 ohm at 1 kHz:	1000 W	Power Supply:	220V-240 VAC 50 Hz
Bridge Output		Power Consumption:	2000 W
into 8 ohms at 1 kHz:	2000 W	Height (mm):	88 mm
Output Channels:	2	Width (mm):	483 mm
Output Mode:	Bridge / Parallel / Stereo	Length (mm):	360 mm
		Rack Units:	2 U
Output Connector:	Speaker Connector	Weight:	14.9 kg
	4 pole	Electronic Protection:	Clip limiter (fixed) / DC voltage /
Mono Input Connector:	3-pin XLR		Overheat / Overload /
THD Level:	< 0.5 %		Short circuit /
Signal-to-noise Ratio:	> 100 dB		Softstart / Thermal
SLEW Rate:	20 V/μs		

1

D4179



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan.		Damping Factor:	100 :1
into 8 ohms at 1 kHz:	1200 W	Freq. Resp. Min.:	10 Hz
Output per Chan.		Freq. Resp. Max.:	20000 Hz
into 4 ohm at 1 kHz:	1400 W	Power Supply:	220V-240 VAC 50 Hz
Bridge Output		Power Consumption:	1900 W
into 8 ohms at 1 kHz:	2800 W	Height (mm):	88 mm
Output Channels:	2	Width (mm):	483 mm
Output Mode:	Bridge / Parallel / Stereo	Length (mm):	400 mm
		Rack Units:	2 U
Output Connector:	Speaker Connector	Weight:	17 kg
	4 pole	Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal
Mono Input Connector:	3-pin XLR		
THD Level:	< 0.5 %		
Signal-to-noise Ratio:	> 100 dB		
SLEW Rate:	25 V/µs		

2

PA-530TU
30 W 100 V Amp

- Compact design
- Media player
- Tuner
- Front line input

D6150



RMS Output		Phantom Power:	18 V
Power Amplifier:	30 W	Parametric	
Output per Chan. at 70/100 V at 1 kHz:	30 W	Main Equalizer:	2 Bands
Output Channels:	1	Speech Filter Range:	6 dB
Output Mode:	Parallel	Speech Filter Freq.:	300 Hz
Output Connector:	Terminal	FM Freq. Start:	87.5 MHz
Mono Inputs:	2	FM Freq. End:	108 MHz
Mono Input Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Supply:	240 VAC 50-60 Hz
Stereo Inputs:	1	Backup Power Supply:	24 VDC
Stereo Input Connector:	TRS balanced 3.5 mm	Power Consumption:	69 W
Auxiliary Inputs:	1	Power Connector in:	IEC C13 female
Auxiliary Input Connector:	RCA	Data Connector in:	USB
Transformer:	100 V	Height (mm):	95 mm
Supported Audio Files:	MP3 / WAV	Width (mm):	270 mm
Media Input/Output:	USB-A	Length (mm):	262 mm
		Weight:	6 kg
		Chime:	No
		Electronic Protection:	Overload / Short circuit

3

PA-250
250 W 100 V Amp

- 250 W
- Loop through connection
- RCA, XLR, Terminal input
- 24 V Back up power input

D6160



RMS Output		Power Supply:	240 VAC 50-60 Hz
Power Amplifier:	250 W	Backup Power Supply:	24 VDC
Output Channels:	1	Power Consumption:	500 W
Output Mode:	Parallel	Power Connector in:	IEC C13 female
Output Connector:	Terminal	Height (mm):	88 mm
Main Outputs:	2	Width (mm):	483 mm
Main Output Connector:	RCA	Length (mm):	326 mm
Mono Inputs:	2	Rack Units:	2 U
Mono Input Connector:	3-pin XLR / Terminal	Weight:	12 kg
Stereo Inputs:	1	Electronic Protection:	Overload / Short circuit
Stereo Input Connector:	RCA		
Transformer:	100 V		
Phantom Power:	No		

3

PA-500
500 W 100 V Amp

- 500 W
- Loop through connection
- RCA, XLR, Terminal input
- 24 V Back up power input

D6161



RMS Output		Phantom Power:	No
Power Amplifier:	500 W	Power Supply:	240 VAC 50-60 Hz
Output Channels:	1	Backup Power Supply:	24 VDC
Output Mode:	Parallel	Power Consumption:	1050 W
Output Connector:	Terminal	Power Connector in:	IEC
Main Outputs:	2	Height (mm):	483 mm
Main Output Connector:	RCA	Width (mm):	88 mm
Mono Inputs:	2	Length (mm):	326 mm
Mono Input Connector:	3-pin XLR / Terminal	Rack Units:	2 U
Stereo Inputs:	1	Weight:	16.4 kg
Stereo Input Connector:	RCA	Electronic Protection:	Overload / Short circuit
Transformer:	100 V		

Speakers

1

CS-56
5" Passive Ceiling Speaker 100 V

- 6 W / 100 V recessed ceiling speaker
- 5" woofer
- Wide 140° dispersion angle

D6573



Peak Input Power:	6 W	Freq. Resp. Max.:	15000 Hz
Transformer:	100 V	Woofer Ø:	5"
Line Transformer Taps:	3 / 6 W	Dispersion Angle Hor.:	140 °
Passive		Height (mm):	67 mm
Input Connection:	Open End	Width (mm):	200 mm
Speaker System:	Coaxial	Length (mm):	200 mm
Speaker		Weight:	0.7 kg
Sensitivity (1 W/1 m):	90 dB	IP Rating:	IP40
Speaker Impedance:	8 Ω	Mounting Size:	Ø 170 mm
Freq. Resp. Min.:	110 Hz		

2

HS-50R
Passive Round Horn Speaker 100 V

- 50 W / 70 + 100 V horn speaker
- 16 Ω
- Suitable for outdoor use (IP66)
- Round horn
- Light grey
- Bracket included

D6543



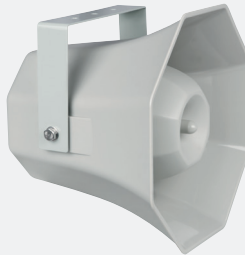
Peak Input Power:	50 W	Speaker Impedance:	16 Ω
Transformer:	70+100 V	Freq. Resp. Min.:	380 Hz
Line Transformer Taps:	6.25 / 12.5 / 25 / 50 W	Freq. Resp. Max.:	6500 Hz
Passive		Height (mm):	325 mm
Input Connection:	Open End	Width (mm):	325 mm
Speaker System:	Horn	Length (mm):	340 mm
Speaker		Weight:	3 kg
Sensitivity (1 W/1 m):	109 dB	IP Rating:	IP66

3

MHS-80S
Passive Hexagon Horn Speaker 100 V

- 80 W / 100 V horn speaker
- 2-way system
- Suitable for outdoor use (IP66)
- Octagonal horn
- Light grey
- Bracket included

D6546



Peak Input Power:	80 W	Freq. Resp. Min.:	90 Hz
Transformer:	100 V	Freq. Resp. Max.:	20000 Hz
Line Transformer Taps:	10 / 20 / 40 / 80 W	Woofer Ø:	6.5"
Passive		Compression Driver Ø:	1"
Input Connection:	Terminal	Height (mm):	288 mm
Speaker System:	2-way	Width (mm):	348 mm
Speaker		Length (mm):	348 mm
Sensitivity (1 W/1 m):	99 dB	Weight:	4.7 kg
Speaker Impedance:	8 Ω	IP Rating:	IP66
Max. SPL at 1 m:	114 dB		

4

Xi-8
Passive 8" install speaker

- 250 W RMS
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable horn and logo for vertical mounting
- Easy detachable magnet mounted grill

D3544

D3545



RMS Input Power:	250 W	Woofer Voice Coil:	2"
Peak Input Power:	1000 W	Compression Driver Ø:	1"
Passive		Compression Driver	
Input Connection:	Speaker Connector 4 pole / Terminal	Voice Coil:	1.4"
Speaker System:	2-way	Dispersion Angle Hor.:	90 °
Speaker		Dispersion Angle Vert.:	60 °
Sensitivity (1 W/1 m):	95 dB	Height (mm):	430 mm
Speaker Impedance:	8 Ω	Width (mm):	263 mm
Max. SPL at 1 m:	125 dB	Length (mm):	290 mm
Freq. Resp. Min.:	55 Hz	Material:	Plywood
Freq. Resp. Max.:	20000 Hz	Colour:	Black or White
Freq. Resp. (-10dB) Min.:	55 Hz	Weight:	10.7 kg
Freq. Resp. (-10dB) Max.:	20000 Hz	IP Rating:	IP20
Woofer Ø:	8"		(indoor use only)
		Rotatable Horn:	Yes

5

Xi-12B
Passive 12-inch subwoofer

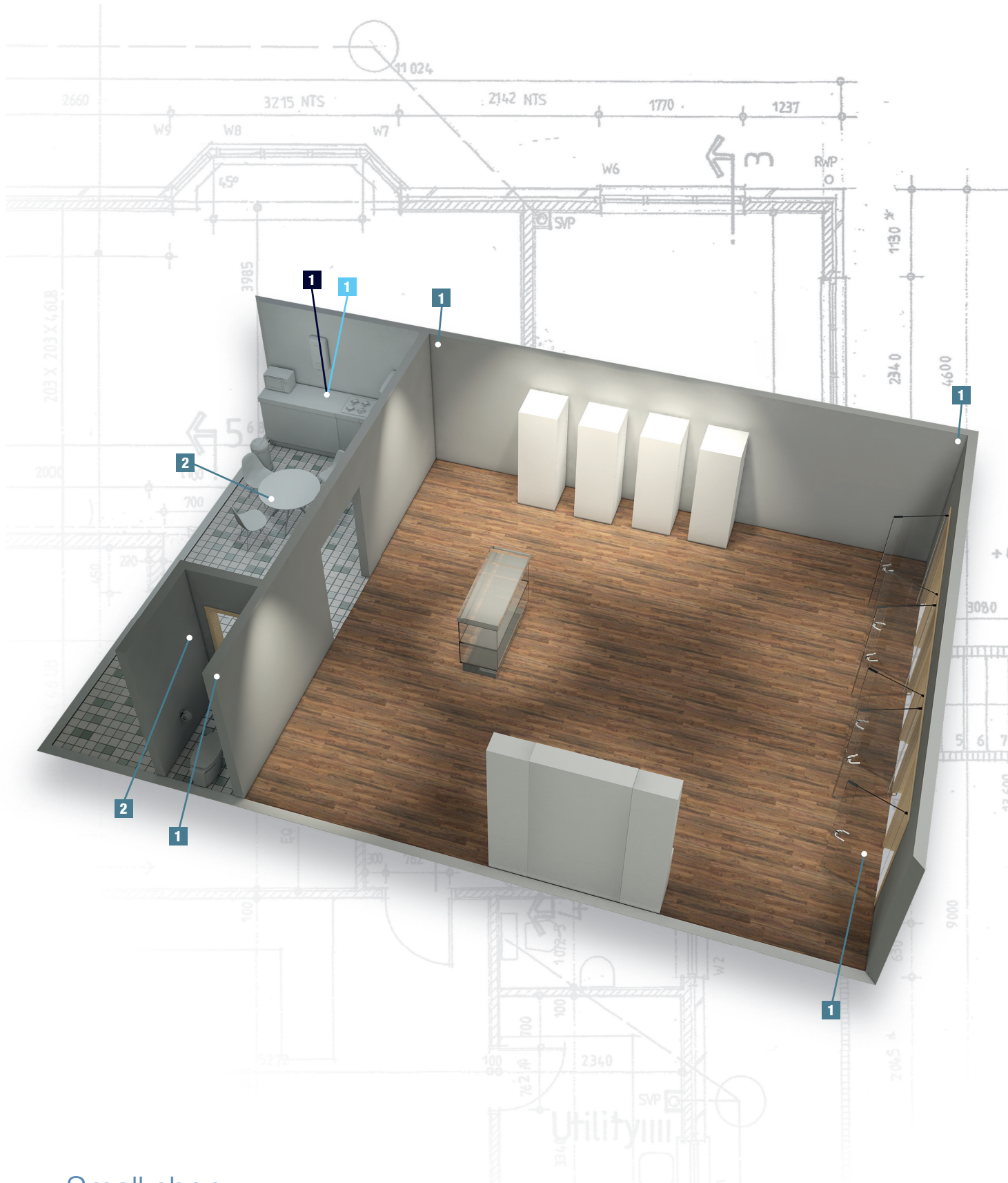
- 300 W RMS
- Smooth frequency response
- Compact and lightweight design
- Recessed Speaker 4-pin chassis
- High SPL: 125 dB

D3442

D3443



RMS Input Power:	300 W	Woofer Ø:	12"
Peak Input Power:	900 W	Woofer Voice Coil:	2.55"
Passive		Subwoofer Dispersion	
Input Connection:	Speaker Connector 4 pole / Terminal	Angle Hor. :	360 °
Passive		Subwoofer Dispersion	
Output Connector:	Speaker Connector 4 pole	Angle Vert.:	180 °
Speaker System:	Subwoofer	Height (mm):	500 mm
Speaker		Width (mm):	350 mm
Sensitivity (1 W/1 m):	122 dB	Length (mm):	542 mm
Speaker Impedance:	4 Ω	Material:	Wood
Max. SPL at 1 m:	125 dB	Colour:	Black or White
Freq. Resp. Min.:	45 Hz	Weight:	19 kg
Freq. Resp. Max.:	2800 Hz	IP Rating:	IP20
			(indoor use only)



Small shop

For small PA setups the PA530TU is a cost-effective solution with all necessary functions. The amplifier has a built-in tuner and USB player, and enough power for small areas. A front line/phone input jack makes it possible

to connect a mobile device and listen to your favourite music. The EVO loudspeakers offer a stylish solution, while the DCS-5230 can be mounted almost invisibly into the ceiling.

Audio Source

1

IR-150BT Media Player

1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U

Amplifiers

1

PA-530TU

30 W 100 V Amp

- Compact design
- Media player
- Tuner
- Front line input

D6150



RMS Output:	30 W	Phantom Power:	18 V
Power Amplifier:	30 W	Parametric:	2 Bands
Output per Chan. at 70/100 V at 1 kHz:	30 W	Main Equalizer:	6 dB
Output Channels:	1	Speech Filter Range:	300 Hz
Output Mode:	Parallel	Speech Filter Freq.:	87.5 MHz
Output Connector:	Terminal	FM Freq. End:	108 MHz
Mono Inputs:	2	Power Supply:	240 VAC 50-60 Hz
Mono Input Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Backup Power Supply:	24 VDC
Stereo Inputs:	1	Power Consumption:	69 W
Stereo Input Connector:	TRS balanced	Power Connector in:	IEC C13 female
Auxiliary Inputs:	1	Data Connector in:	USB
Auxiliary Input Connector:	RCA	Height (mm):	95 mm
Transformer:	100 V	Width (mm):	270 mm
Supported Audio Files:	MP3 / WAV	Length (mm):	262 mm
Media Input/Output:	USB-A	Weight:	6 kg
		Chime:	No
		Electronic Protection:	Overload / Short circuit

Speakers

1

EVO 5T

Passive 5.25" 100 V speaker set

- Full-range 2-way audio set for excellent Hi-Fi quality
- 60 W RMS, 70/100 V with 4 power taps
- Max SPL: 113 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white

D3682

D3683



RMS Input Power:	60 W	Woofer Ø:	5.25 "
Peak Input Power:	120 W	Compression Driver Ø:	1 "
Transformer:	70+100 V	Dispersion Angle Hor.:	110 °
Line Transformer Taps:	2 / 4 / 8 / 16 W	Dispersion Angle Vert.:	90 °
Passive		Height (mm):	250 mm
Input Connection:	Terminal	Width (mm):	165 mm
Speaker System:	2-way	Length (mm):	150 mm
Speaker		Installation Depth (excl. connector):	205 mm
Sensitivity (1 W/1 m):	89 dB	Weight:	2.7 kg
Speaker Impedance:	8 Ω	IP Rating:	IP54
Freq. Resp. Min.:	80 Hz		
Freq. Resp. Max.:	20000 Hz		

2

DCS-5230

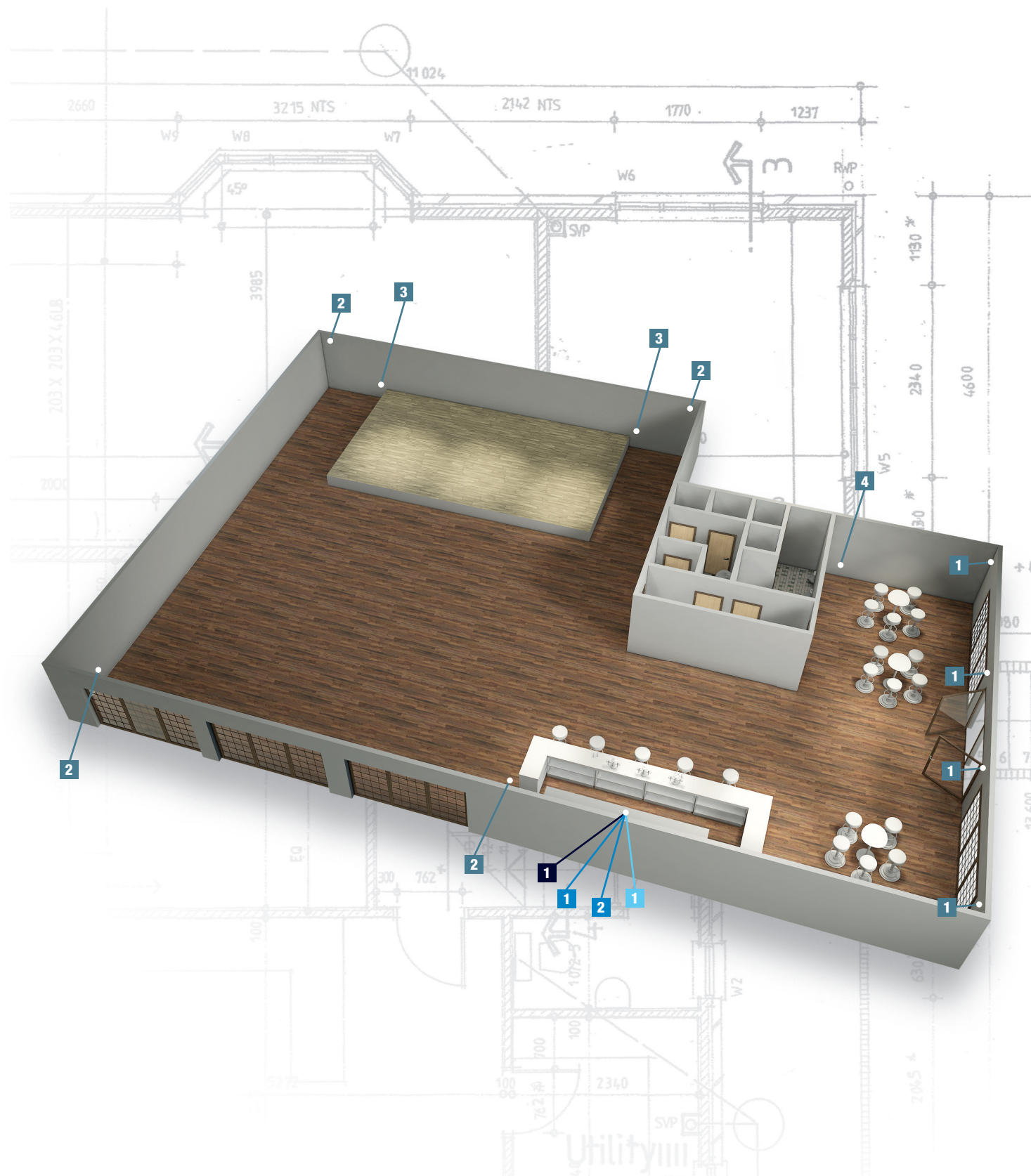
5" Passive Ceiling Speaker 100 V

- Recessed installation
- 2-way speaker system
- Magnetic grill assembly
- Ultra-thin border

D6579



Peak Input Power:	20 W	Freq. Resp. Max.:	20000 Hz
Transformer:	100 V	Woofer Ø:	5 "
Line Transformer Taps:	5 / 10 / 20 W	Compression Driver Ø:	0.75 "
Passive		Dispersion Angle Hor.:	130 °
Input Connection:	Open End	Height (mm):	80 mm
Speaker System:	2-way	Width (mm):	203 mm
Speaker		Length (mm):	203 mm
Sensitivity (1 W/1 m):	88 dB	Weight:	1.1 kg
Speaker Impedance:	8 Ω	IP Rating:	IP40
Freq. Resp. Min.:	100 Hz	Mounting Size:	Ø 180 mm



Pub & club

In this configuration the IMIX-7.2 offers a great two-zone solution because it is a full-feature mixer designed for non-technical users. The display below each channel shows which source it is controlling, so staff can easily

adjust sound levels for the pub and club area independently. The mixer has two built-in audio USB interfaces to connect PC music systems without the need for external equipment.

Audio Source

1

IR-150BT Media Player

1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U



Mix & Control

1

IMIX-7.2 USB

7-Channel 6U Install Mixer USB, 2 Zones

- Channel displays that show the input source
- 2 built-in USB-Audio interfaces
- VCA controlled faders
- Reverb & talk-over on microphone channels
- Individual in- and output VU's
- No extra height units needed due to recessed connectors

D2353



Mono Inputs:	2	Phantom Power:	No
Stereo Inputs:	7	Parametric Input Equalizer:	3 Bands
Auxiliary Inputs:	1	Parametric Channel Equalizer:	3 Bands
Main Outputs:	2	Parametric Microphone Equalizer:	3 Bands
Zone Output:	2	Built-in FX:	Yes
Monitor Output:	1	Power Supply:	100-240 VAC
Headphone Output:	1		50-60 Hz
Record Output:	1	Power Consumption:	33 W
USB Input:		Height (mm):	266 mm
Audio Interface:	2	Width (mm):	135 mm
THD Level:	< 0.05 %	Length (mm):	481 mm
Freq. Resp. Min.:	20 Hz	Rack Units:	6 U
Freq. Resp. Max.:	20000 Hz		



2

DCP-24 MKII

Digital Cross Over 2-in, 4-out

- 48 kHz, 64Bits Sample rate
- 5 parametric EQ's each in- and output
- USB interface and user-friendly software included
- 50 User Presets

D2083



Mono Inputs:	2	Parametric Input Equalizer:	5 Bands
Mono Balanced Input Max. Level:	22 dBu	Parametric Output Equalizer:	5 Bands
Main Outputs:	4	Crossover Filter Types:	Bessel / Butterworth / Linkwitz Riley
THD Level:	< 0.01 %	Crossover Slopes:	6 / 12 / 24 / 48 dB
Signal-to-noise Ratio:	> 90 dB	Output Delay (Max):	8 ms
DSP Processor Bitrate:	64-bit	Control Mode:	Manual / PC Software
Freq. Resp. Min.:	20 Hz	Power Supply:	220V-240 VAC 50 Hz
Freq. Resp. Max.:	20000 Hz	Power Consumption:	2.8 W
Supported Operating Systems:	Windows		
Equalizer Range:	12 dB		



Amplifiers

1

HP-1500
2x 750 W amplifier

- Class H amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design

D4177



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan. into 8 ohms at 1 kHz:	500 W	Damping Factor:	250 :1
Output per Chan. into 4 ohm at 1 kHz:	750 W	Freq. Resp. Min.:	10 Hz
Bridge Output into 8 ohms at 1 kHz:	1500 W	Freq. Resp. Max.:	20000 Hz
Output Channels:	2	Power Supply:	220V-240 VAC 50 Hz
Output Mode:	Bridge / Parallel / Stereo	Power Consumption:	1520 W
Output Connector:	Speaker Connector 4 pole	Height (mm):	88 mm
Mono Input Connector:	3-pin XLR	Width (mm):	483 mm
THD Level:	< 0.5 %	Length (mm):	360 mm
Signal-to-noise Ratio:	> 100 dB	Rack Units:	2 U
SLEW Rate:	16 V/μs	Weight:	13.4 kg
		Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

1

HP-2100
2x 1000 W amplifier

- Class H amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design

D4178



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan. into 8 ohms at 1 kHz:	700 W	Damping Factor:	250 :1
Output per Chan. into 4 ohm at 1 kHz:	1000 W	Freq. Resp. Min.:	10 Hz
Bridge Output into 8 ohms at 1 kHz:	2000 W	Freq. Resp. Max.:	20000 Hz
Output Channels:	2	Power Supply:	220V-240 VAC 50 Hz
Output Mode:	Bridge / Parallel / Stereo	Power Consumption:	2000 W
Output Connector:	Speaker Connector 4 pole	Height (mm):	88 mm
Mono Input Connector:	3-pin XLR	Width (mm):	483 mm
THD Level:	< 0.5 %	Length (mm):	360 mm
Signal-to-noise Ratio:	> 100 dB	Rack Units:	2 U
SLEW Rate:	20 V/μs	Weight:	14.9 kg
		Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

1

HP-3000
2x 1400 W amplifier

- Class H amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design

D4179



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan. into 8 ohms at 1 kHz:	1200 W	Damping Factor:	100 :1
Output per Chan. into 4 ohm at 1 kHz:	1400 W	Freq. Resp. Min.:	10 Hz
Bridge Output into 8 ohms at 1 kHz:	2800 W	Freq. Resp. Max.:	20000 Hz
Output Channels:	2	Power Supply:	220V-240 VAC 50 Hz
Output Mode:	Bridge / Parallel / Stereo	Power Consumption:	1900 W
Output Connector:	Speaker Connector 4 pole	Height (mm):	88 mm
Mono Input Connector:	3-pin XLR	Width (mm):	483 mm
THD Level:	< 0.5 %	Length (mm):	400 mm
Signal-to-noise Ratio:	> 100 dB	Rack Units:	2 U
SLEW Rate:	25 V/μs	Weight:	17 kg
		Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

Speakers

1

Xi-8
Passive 8" install speaker

- 250 W RMS
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable horn and logo for vertical mounting
- Easy detachable magnet mounted grill

D3544

D3545



RMS Input Power:	250 W	Woofer Voice Coil:	2 "
Peak Input Power:	1000 W	Compression Driver Ø:	1 "
Passive		Compression Driver	
Input Connection:	Speaker Connector 4 pole / Terminal 2-way	Voice Coil:	1.4 "
		Dispersion Angle Hor.:	90 °
		Dispersion Angle Vert.:	60 °
Speaker System:	Speaker	Height (mm):	430 mm
Sensitivity (1 W/1 m):	95 dB	Width (mm):	263 mm
Speaker Impedance:	8 Ω	Length (mm):	290 mm
Max. SPL at 1 m:	125 dB	Material:	Plywood
Freq. Resp. Min.:	55 Hz	Colour:	Black or White
Freq. Resp. Max.:	20000 Hz	Weight:	10.7 kg
Freq. Resp. (-10dB) Min.:	55 Hz	IP Rating:	IP20
Freq. Resp. (-10dB) Max.:	20000 Hz		(indoor use only)
Woofer Ø:	8 "	Rotatable Horn:	Yes

2

Pure-12
Passive 12" full-range speaker

- 300 W RMS, max SPL of 126 dB @ 1 m
- Lightweight (18.9 kg)
- Handles for mobile use
- Reinforced cabinet with scratch resistant painting
- 90° x 60° dispersion for even coverage
- High driver protection
- 35 mm pole mount

D3741



RMS Input Power:	300 W	Woofer Voice Coil:	2.5 "
Peak Input Power:	600 W	Compression Driver	
Passive		Diameter:	1 "
Input Connection:	Speaker Connector 4 pole	Compression Driver	
		Voice Coil:	1.75 "
Speaker System:	2-way	Dispersion Angle Hor.:	75 °
Speaker Impedance:	8 Ω	Dispersion Angle Vert.:	50 °
Max. SPL at 1 m:	126 dB	Height (mm):	550 mm
Freq. Resp. (-10dB) Min.:	45 Hz	Width (mm):	355 mm
Freq. Resp. (-10dB) Max.:	20000 Hz	Length (mm):	363 mm
Crossover Freq. Low:	42 Hz	Material:	Wood
Crossover Freq. High:	2100 Hz	Weight:	18.9 kg
Woofer Ø:	12 "	Rigging Options:	Flying

3

Pure-15S
Passive 15" Subwoofer

- 600 W RMS, max SPL of 131 dB @ 1 m
- 15" die-cast woofer with 4" voice-coil
- Optimised for best size/weight to SPL output ratio
- M20/35 mm Pole Mount

D3743



RMS Input Power:	600 W	Crossover Freq. Low:	36 Hz
Peak Input Power:	1200 W	Woofer Ø:	15 "
Passive		Woofer Voice Coil:	4 "
Input Connection:	Speaker Connector 4 pole	Height (mm):	570 mm
		Width (mm):	454 mm
Speaker System:	Subwoofer	Length (mm):	552 mm
Speaker Impedance:	8 Ω	Material:	Wood
Max. SPL at 1 m:	131 dB	Weight:	31 kg
Freq. Resp. (-10dB) Min.:	35 Hz	Rigging Options:	Stacking
Freq. Resp. (-10dB) Max.:	200 Hz		

4

Xi-28 MKII
Passive 2x 8" installie subwoofer

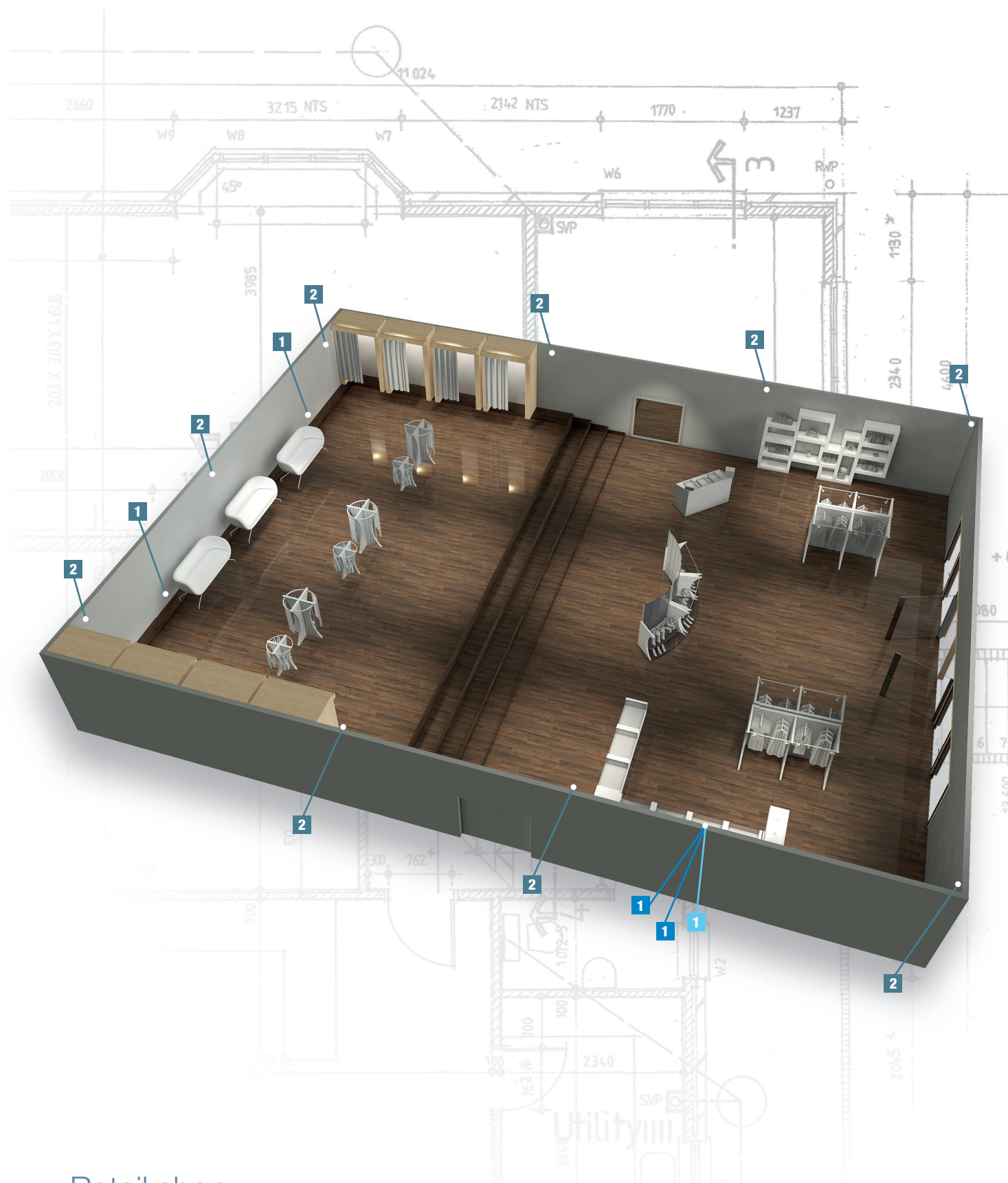
- 400 W RMS/1600 W peak power
- Suitable in conjunction with Xi top cabinets
- Smooth frequency response
- Rotatable logo
- Ultra compact and lightweight design

D3452

D3453



RMS Input Power:	400 W	Woofer Ø:	8 "
Peak Input Power:	1600 W	Woofer Voice Coil:	2 "
Passive		Subwoofer	
Input Connection:	Speaker Connector 4 pole	Dispersion Angle Hor. :	360 °
		Subwoofer	
Speaker System:	Subwoofer	Dispersion Angle Vert.:	180 °
Speaker		Height (mm):	240 mm
Sensitivity (1 W/1 m):	100 dB	Width (mm):	520 mm
Speaker Impedance:	4 Ω	Length (mm):	540 mm
Max. SPL at 1 m:	132 dB	Material:	Wood
Freq. Resp. Min.:	45 Hz	Colour:	Black or White
Freq. Resp. Max.:	4000 Hz	Weight:	19 kg
Freq. Resp. (-10dB) Min.:	45 Hz	IP Rating:	IP20
Freq. Resp. (-10dB) Max.:	4500 Hz		(indoor use only)



Retail shop

In this configuration a large sound system is applied to create a club atmosphere. The Compact 9.2 mixer is a two-zone mixer designed with controls similar to home audio systems. The user can choose two separate audio sources and control them with

independent volume controls. The built-in displays show the active sources. The two-zone capabilities make it possible to set different sound levels for the front and back of the shop.

Mix & Control

1

DCP-24 MKII

Digital Cross Over 2-in, 4-out

- 48 kHz, 64Bits Sample rate
- 5 parametric EQ's each in- and output
- USB interface and user-friendly software included
- 50 User Presets

D2083



Mono Inputs:	2	Parametric Input Equalizer:	5 Bands
Mono Balanced Input Max. Level:	22 dBu	Parametric Output Equalizer:	5 Bands
Main Outputs:	4	Crossover Filter Types:	Bessel / Butterworth / Linkwitz Riley
THD Level:	< 0.01 %	Crossover Slopes:	6 / 12 / 24 / 48 dB
Signal-to-noise Ratio:	> 90 dB	Output Delay (Max):	8 ms
DSP Processor Bitrate:	64-bit	Control Mode:	Manual / PC Software
Freq. Resp. Min.:	20 Hz	Power Supply:	220V-240 VAC 50 Hz
Freq. Resp. Max.:	20000 Hz	Power Consumption:	2.8 W
Supported Operating Systems:	Windows		
Equalizer Range:	12 dB		

2

Compact 9.2

9-Channel 1U Install Mixer, 2 Zones

- Channel displays that show the input source
- Gain settings at back panel
- Main EQ settings at back panel
- Front input for Phone/MP3 devices
- Ideal for non-technical users

D2322



Mono Inputs:	3	Zone Equalizer:	3 Bands
Stereo Inputs:	7	Power Supply:	240 VAC 50-60 Hz
Main Outputs:	2	Power Consumption:	6 W
THD Level:	< 0.01 %	Height (mm):	44 mm
Freq. Resp. Min.:	20 Hz	Width (mm):	175 mm
Freq. Resp. Max.:	20000 Hz	Length (mm):	481 mm
Parametric			



Amplifiers

1

HP-1500
2x 750 W amplifier

- Class H amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design

D4177



2 Ohms Stable: No
Output per Chan. into 8 ohms at 1 kHz: 500 W
Output per Chan. into 4 ohm at 1 kHz: 750 W
Bridge Output into 8 ohms at 1 kHz: 1500 W
Output Channels: 2
Output Mode: Bridge / Parallel / Stereo
Output Connector: Speaker Connector 4 pole
Mono Input Connector: 3-pin XLR
THD Level: < 0.5 %
Signal-to-noise Ratio: > 100 dB
SLEW Rate: 16 V/μs

Amp Technology: Class H
Damping Factor: 250 :1
Freq. Resp. Min.: 10 Hz
Freq. Resp. Max.: 20000 Hz
Power Supply: 220V-240 VAC 50 Hz
Power Consumption: 1520 W
Height (mm): 88 mm
Width (mm): 483 mm
Length (mm): 360 mm
Rack Units: 2 U
Weight: 13.4 kg
Electronic Protection: Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

1

HP-2100
2x 1000 W amplifier

- Class H amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design

D4178



2 Ohms Stable: No
Output per Chan. into 8 ohms at 1 kHz: 700 W
Output per Chan. into 4 ohm at 1 kHz: 1000 W
Bridge Output into 8 ohms at 1 kHz: 2000 W
Output Channels: 2
Output Mode: Bridge / Parallel / Stereo
Output Connector: Speaker Connector 4 pole
Mono Input Connector: 3-pin XLR
THD Level: < 0.5 %
Signal-to-noise Ratio: > 100 dB
SLEW Rate: 20 V/μs

Amp Technology: Class H
Damping Factor: 250 :1
Freq. Resp. Min.: 10 Hz
Freq. Resp. Max.: 20000 Hz
Power Supply: 220V-240 VAC 50 Hz
Power Consumption: 2000 W
Height (mm): 88 mm
Width (mm): 483 mm
Length (mm): 360 mm
Rack Units: 2 U
Weight: 14.9 kg
Electronic Protection: Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

1

HP-3000
2x 1400 W amplifier

- Class H amplifier
- Efficient forced air cooling
- Bridge, parallel and stereo mode
- Full protection circuits
- 19" / 2U design

D4179



2 Ohms Stable: No
Output per Chan. into 8 ohms at 1 kHz: 1200 W
Output per Chan. into 4 ohm at 1 kHz: 1400 W
Bridge Output into 8 ohms at 1 kHz: 2800 W
Output Channels: 2
Output Mode: Bridge / Parallel / Stereo
Output Connector: Speaker Connector 4 pole
Mono Input Connector: 3-pin XLR
THD Level: < 0.5 %
Signal-to-noise Ratio: > 100 dB
SLEW Rate: 25 V/μs

Amp Technology: Class H
Damping Factor: 100 :1
Freq. Resp. Min.: 10 Hz
Freq. Resp. Max.: 20000 Hz
Power Supply: 220V-240 VAC 50 Hz
Power Consumption: 1900 W
Height (mm): 88 mm
Width (mm): 483 mm
Length (mm): 400 mm
Rack Units: 2 U
Weight: 17 kg
Electronic Protection: Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

Speakers

1

Xi-12B
Passive 12-inch subwoofer

- 300 W RMS
- Smooth frequency response
- Compact and lightweight design
- Recessed Speaker 4-pin chassis
- High SPL: 125 dB

D3442

D3443



RMS Input Power: 300 W
Peak Input Power: 900 W
Passive
Input Connection: Speaker Connector 4 pole / Terminal
Passive
Output Connector: Speaker Connector 4 pole
Speaker System: Subwoofer
Speaker Sensitivity (1 W/1 m): 122 dB
Speaker Impedance: 4 Ω
Max. SPL at 1 m: 125 dB
Freq. Resp. Min.: 45 Hz
Freq. Resp. Max.: 2800 Hz
Woofers Ø: 12 " Woofers Voice Coil: 2.55 " Subwoofer Dispersion Angle Hor.: 360 ° Subwoofer Dispersion Angle Vert.: 180 ° Height (mm): 500 mm Width (mm): 350 mm Length (mm): 542 mm Material: Wood Colour: Black or White Weight: 19 kg IP Rating: IP20 (indoor use only)

2

Xi-6
Passive 6" install speaker

- 175 W RMS - 16 Ω
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable logo for vertical mounting
- Easy detachable magnet mounted grill

D3542

D3543

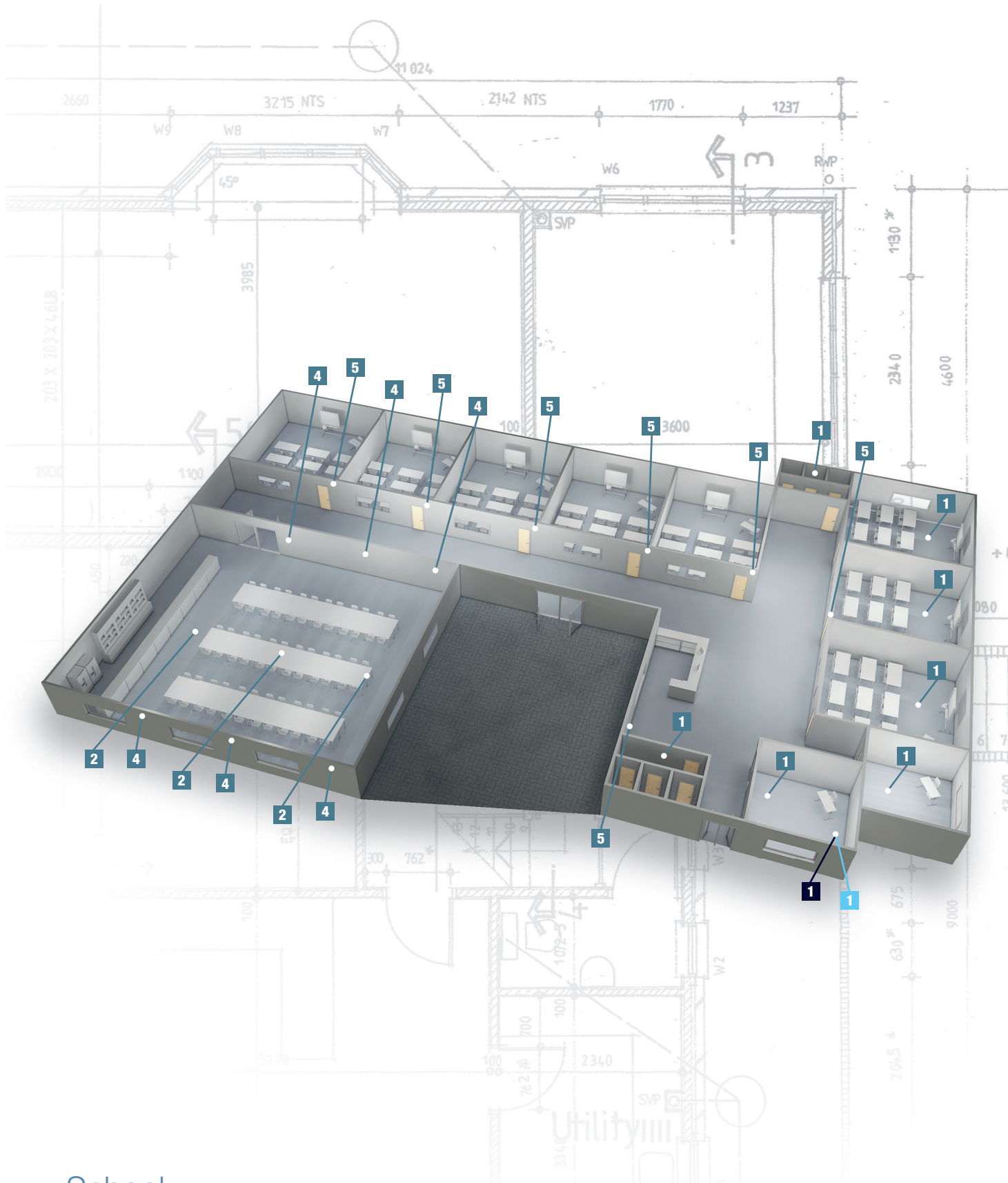


RMS Input Power: 175 W
Peak Input Power: 700 W
Passive
Input Connection: Speaker Connector 4 pole / Terminal 2-way
Speaker System: Speaker
Speaker Sensitivity (1 W/1 m): 92 dB
Speaker Impedance: 16 Ω
Max. SPL at 1 m: 122 dB
Freq. Resp. Min.: 80 Hz
Freq. Resp. Max.: 20000 Hz
Freq. Resp. (-10dB) Min.: 60 Hz
Freq. Resp. (-10dB) Max.: 20000 Hz
Woofers Ø: 6.5 " Woofers Voice Coil: 2 " Compression Driver Ø: 1 " Voice Coil: 1 " Dispersion Angle Hor.: 90 ° Dispersion Angle Vert.: 60 ° Height (mm): 333 mm Width (mm): 250 mm Length (mm): 226 mm Material: Plywood Colour: Black or White Weight: 6.7 kg IP Rating: IP20 (indoor use only) Rotatable Horn: No

RETAIL SHOP



RETAIL SHOP



School

In this 100-volt configuration example, many different 100-volt loudspeaker designs are suggested, offering a clear overview of which loudspeaker type can be applicable in the different areas. The ZA-9250TU is suggested because of its quantity of zones and its powerful internal amplifier, capable of powering all loudspeakers in this setup.

Audio Source

1

PM-160
Announcement Microphone with Chime

- Mic volume adjustable on backside
- Chime volume adjustable on backside
- Talk button on top
- Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Amplifiers

1

ZA-9250TU
250 W 100 V Zone Amp

- 4 zones
- Media player
- Zone line outputs
- USB on front and backside

D6154



RMS Output	250 W	Parametric Channel Equalizer:	2 Bands
Power Amplifier:	4	Parametric Microphone Equalizer:	2 Bands
Output Channels:	Parallel	Speech Filter Range:	3 dB
Output Mode:	Terminal	Speech Filter Freq.:	300 Hz
Output Connector:	1	FM Freq. Start:	87.5 MHz
Main Outputs:	RCA	FM Freq. End:	108 MHz
Main Output Connector:	4	Power Supply:	240 VAC 50-60 Hz
Zone Output:	Terminal / RCA	Backup Power Supply:	24 VDC
Zone Output Connector:	3	Power Consumption:	500 W
Mono Inputs:	3-pin XLR / Terminal / TS unbalanced 6.3 mm	Power Connector in:	IEC C13 female
Mono Input Connector:	3	Data Connector in:	USB
		Height (mm):	88 mm
Stereo Inputs:	RCA / TRS balanced 3.5 mm	Width (mm):	483 mm
Stereo Input Connector:	1	Length (mm):	328 mm
Auxiliary Inputs:	1	Rack Units:	2 U
Auxiliary Input Connector:	RCA	Weight:	12 kg
Transformer:	100 V	PTT:	Yes
Supported Audio Files:	MP3 / WAV	Chime:	Yes
Media Input/Output:	USB-A	Telephone Input:	Yes
Phantom Power:	18 V	Electronic Protection:	Overload / Short circuit



Speakers

1

CS-66
6" Passive Ceiling Speaker 100 V - White

- 6 W / 100 V recessed ceiling speaker
- 6" woofer
- Wide 140° dispersion angle
- White

D6572



Peak Input Power:	6 W	Freq. Resp. Max.:	15000 Hz
Transformer:	100 V	Woofer Ø:	6 "
Line Transformer Taps:	3 / 6 W	Dispersion Angle Hor.:	140 °
Passive		Height (mm):	95 mm
Input Connection:	Open End	Width (mm):	245 mm
Speaker System:	Coaxial	Length (mm):	245 mm
Speaker		Weight:	1 kg
Sensitivity (1 W/1 m):	90 dB	IP Rating:	IP40
Speaker Impedance:	8 Ω	Mounting Size:	Ø 225 mm
Freq. Resp. Min.:	110 Hz		

2

SS-306
6" Passive Spherical 100 V Speaker - White

- 30 W / 100 V ceiling speaker
- 6" woofer
- 2-way system
- Wide 120° dispersion angle
- Protected against dust ingress (IP55)
- White

D6565



Peak Input Power:	30 W	Woofer Ø:	6 "
Transformer:	100 V	Dispersion Angle Hor.:	360 °
Line Transformer Taps:	7.5 / 15 / 30 W	Dispersion Angle Vert.:	120 °
Passive Input Connection:	Terminal	Height (mm):	302 mm
Speaker System:	Coaxial	Width (mm):	254 mm
Speaker Sensitivity (1 W/1 m):	90 dB	Length (mm):	254 mm
Speaker Impedance:	8 Ω	Weight:	2.2 kg
Freq. Resp. Min.:	110 Hz	IP Rating:	IP55
Freq. Resp. Max.:	18000 Hz		

3

HS-30S
Passive Square Horn Speaker 100 V

- 30 W / 70 + 100 V horn speaker
- Square horn
- Suitable for outdoor use (IP66)
- Light grey
- Bracket included

D6540



Peak Input Power:	30 W	Speaker Impedance:	8 Ω
Transformer:	70+100 V	Freq. Resp. Min.:	350 Hz
Line Transformer Taps:	1.9 / 3.75 / 7.5 / 15 / 30 W	Freq. Resp. Max.:	8000 Hz
Passive		Height (mm):	205 mm
Input Connection:	Open End	Width (mm):	280 mm
Speaker System:	Horn	Length (mm):	285 mm
Speaker		Weight:	2.25 kg
Sensitivity (1 W/1 m):	105 dB	IP Rating:	IP66

4

WS-6W
5" Passive 100 V Installation Speaker - White

- 6 W/100 V wall mount speaker
- 5" woofer
- IP40
- White

D6560



Peak Input Power:	6 W	Freq. Resp. Min.:	130 Hz
Transformer:	100 V	Freq. Resp. Max.:	17000 Hz
Line Transformer Taps:	3 / 6 W	Woofer Ø:	5 "
Passive		Height (mm):	77 mm
Input Connection:	Terminal	Width (mm):	166 mm
Speaker System:	Coaxial	Length (mm):	266 mm
Speaker		Weight:	1 kg
Sensitivity (1 W/1 m):	92 dB	IP Rating:	IP40
Speaker Impedance:	8 Ω		

5

PSB-510P
5" Passive Bidirectional 100 V Projector Speaker

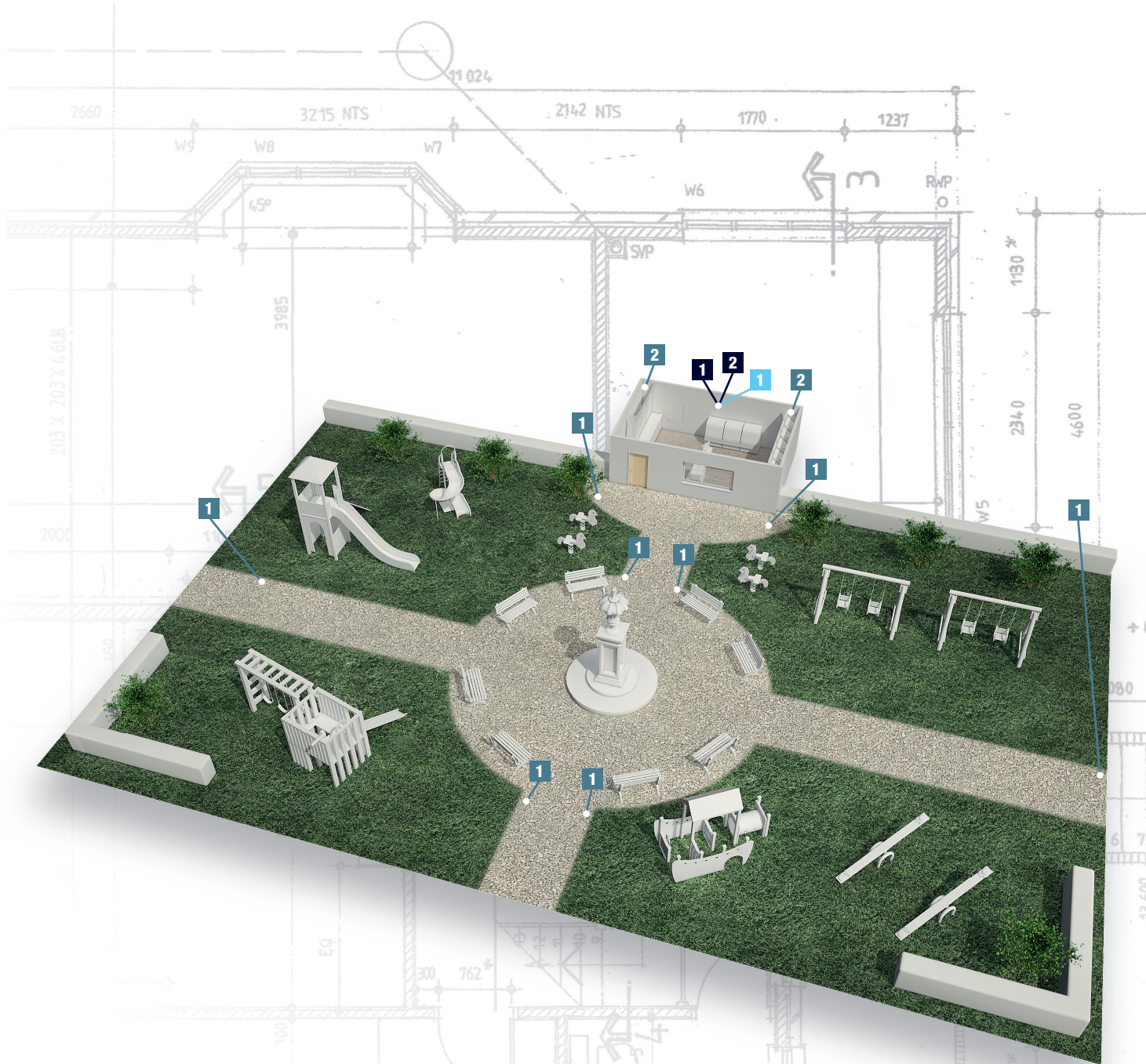
- 12 W/100 V bidirectional projection speaker
- 2x 5" woofer
- Protected against dust ingress (IP55)
- 130° dispersion angle
- White

D6552



Peak Input Power:	12 W	Freq. Resp. Min.:	130 Hz
Transformer:	100 V	Freq. Resp. Max.:	15000 Hz
Line Transformer Taps:	3 / 6 / 12.5 W	Woofer Ø:	5 "
Passive		Dispersion Angle Vert.:	130 °
Input Connection:	Open End	Height (mm):	140 mm
Speaker System:	Coaxial	Width (mm):	140 mm
Speaker		Length (mm):	200 mm
Sensitivity (1 W/1 m):	91 dB	Weight:	1.7 kg
Speaker Impedance:	8 Ω	IP Rating:	IP55





Outdoor playground

In this configuration, a playground is furnished with GS-630 speakers. Because of their distinctive design, they will not stand out in the playground and provide an even 360° sound

dispersion. The IR-150BT Media player plays audio from several sources, including DAB+, FM radio and Bluetooth.

Audio Source

1

IR-150BT Media Player

- 1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)
- 1U 19" media player
 - Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
 - Suitable for fitness centres, shops et cetera
 - 2.4" TFT display
 - 3.5 mm jack and 4x RCA input
 - XLR microphone input (no phantom power)
 - IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 MHz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 MHz	Length (mm):	270 mm
		Rack Units:	1 U

2

PM-160

Announcement Microphone with Chime

- Mic volume adjustable on backside
- Chime volume adjustable on backside
- Talk button on top
- Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Amplifiers

1

ZA-7250

250 W 100 V Zone Amp

- 4 zones
- 7 inputs
- Telephone input
- Zone line outputs

D6152



RMS Output:	250 W	Parametric Channel Equalizer:	2 Bands
Power Amplifier:	4	Parametric Microphone Equalizer:	2 Bands
Output Channels:	Parallel	Speech Filter Range:	3 dB
Output Mode:	Terminal	Speech Filter Freq.:	300 Hz
Output Connector:	2	Power Supply:	240 VAC 50-60 Hz
Main Outputs:	3-pin XLR / RCA	Backup Power Supply:	24 VDC
Main Output Connector:	4	Power Consumption:	517 W
Zone Output:	Terminal / RCA	Power Connector in:	IEC C13 female
Zone Output Connector:	3	Height (mm):	88 mm
Mono Inputs:	3-pin XLR / Terminal / TS unbalanced	Width (mm):	483 mm
Mono Input Connector:	6.3 mm	Length (mm):	328 mm
Stereo Inputs:	3	Rack Units:	2 U
Stereo Input Connector:	TRS balanced 3.5 mm	Weight:	12 kg
Auxiliary Inputs:	1	PTT:	Yes
Auxiliary Input Connector:	RCA	Chime:	Yes
Transformer:	100 V	Telephone Input:	Yes
Phantom Power:	18 V	Electronic Protection:	Overload / Short circuit

Speakers

1

GS-630
6" Passive Garden Speaker 100 V

D6610



Peak Input Power:	30 W	Freq. Resp. Min.:	80 Hz
Transformer:	100 V	Freq. Resp. Max.:	20000 Hz
Line Transformer Taps:	7.5 / 15 / 30 W	Woofer Ø:	6 "
Passive		Compression Driver Ø:	1 "
Input Connection:	Open End	Height (mm):	330 mm
Speaker System:	2-way	Width (mm):	325 mm
Speaker		Length (mm):	325 mm
Sensitivity (1 W/1 m):	90 dB	Weight:	3.6 kg
Speaker Impedance:	8 Ω	IP Rating:	IP65

2

EVO 4T
Passive 4" 100 V speaker set

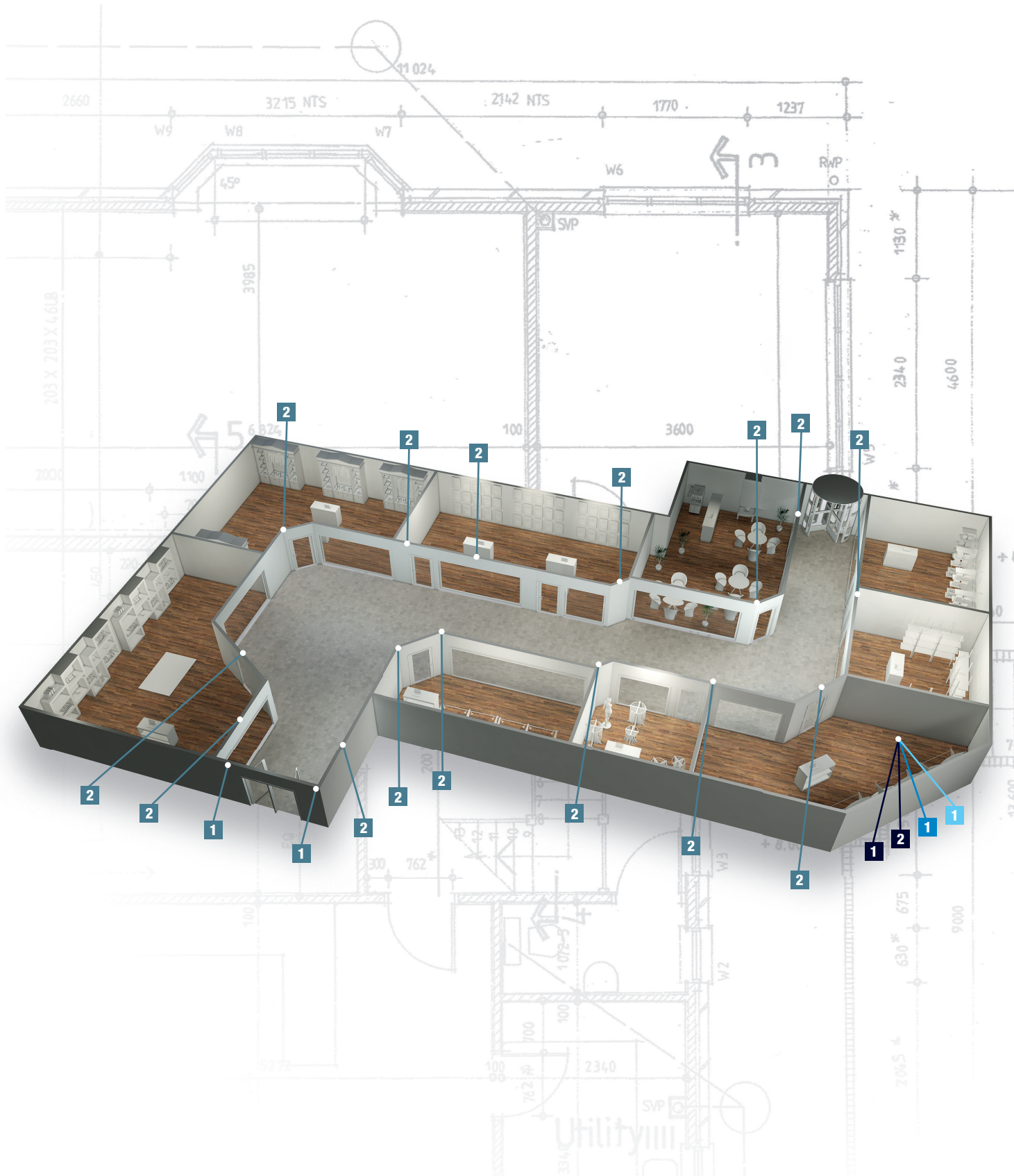
- Full-range 2-way audio set for excellent Hi-Fi quality
- 70/100 V with 4 power taps
- 40 W RMS, max SPL: 110 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white

D3680
D3681



RMS Input Power:	40 W	Woofer Ø:	4 "
Peak Input Power:	80 W	Compression Driver Ø:	1 "
Transformer:	70+100 V	Dispersion Angle Hor.:	110 °
Line Transformer Taps:	2 / 4 / 8 / 16 W	Dispersion Angle Vert.:	90 °
Passive		Height (mm):	195 mm
Input Connection:	Terminal	Width (mm):	127 mm
Speaker System:	2-way	Length (mm):	115 mm
Speaker		Installation	
Sensitivity (1 W/1 m):	88 dB	Depth (excl. connector):	157 mm
Speaker Impedance:	8 Ω	Weight:	1.8 kg
Freq. Resp. Min.:	100 Hz	IP Rating:	IP54
Freq. Resp. Max.:	20000 Hz		





Shopping center

In this configuration a 100-volt system, a stylish design, and a decent sound quality come together. The DAP PSU-510P projects the sound where it is needed, while the EVO 4T is best used where a wider sound

dispersion is needed. The system is based around the 7-channel IMIX-7.1 mixer and the PA-500 100-volt amplifier and complemented by the IR-150BT Media Player and the PM-160 Announcement Microphone with Chime.

Audio Source

1

IR-150BT Media Player

1U mixer with Wi-Fi radio (DAB+) and wireless audio (Bluetooth connection)

- 1U 19" media player
- Supports DAB+, FM radio, AUX in/out and Bluetooth 4.2
- Suitable for fitness centres, shops et cetera
- 2.4" TFT display
- 3.5 mm jack and 4x RCA input
- XLR microphone input (no phantom power)
- IR remote included

D1247



Main Outputs:	1	FM Freq. End:	108 Mhz
Supported Audio Files:	AAC/AAC+ / FLAC / MP3	DAB+ Freq. Start:	174.928 Mhz
THD Level:	< 0.1%	DAB+ Freq. End:	239.2 Mhz
Signal-to-noise Ratio:	> 70 dB	Power Supply:	220V-240 VAC 50 Hz
Carrier Freq.:	2.4 GHz	Power Consumption:	4.6 W
Bluetooth Version:	4.2	Height (mm):	44.5 mm
Bluetooth Range:	20 m	Width (mm):	483 mm
FM Freq. Start:	87 Mhz	Length (mm):	270 mm
		Rack Units:	1 U

2

PM-160

Announcement Microphone with Chime

- Mic volume adjustable on backside
- Chime volume adjustable on backside
- Talk button on top
- Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Mix & Control

1

IMIX-7.1

7-Channel 2U Install Mixer, 3 Outputs

- Gain settings at backside
- Special front input for phone/MP3 devices
- 2 Mic, 11 Line inputs

D2350



Mono Inputs:	2	Parametric Microphone Equalizer:	3 Bands
Stereo Inputs:	10	Parametric Main Equalizer:	3 Bands
Phono Audio Inputs:	2	Power Supply:	240 VAC 50-60 Hz
Auxiliary Inputs:	1	Power Consumption:	16.5 W
Main Outputs:	3	Height (mm):	88 mm
Headphone Output:	1	Width (mm):	95 mm
Record Output:	1	Length (mm):	481 mm
THD Level:	< 0.05 %		
Freq. Resp. Min.:	20 Hz		
Freq. Resp. Max.:	20000 Hz		

Amplifiers

1

PA-500

500 W 100 V Amp

- 500 W
- Loop through connection
- RCA, XLR, Terminal input
- 24 V Back up power input

D6161



RMS Output		Phantom Power:	No
Power Amplifier:	500 W	Power Supply:	240 VAC 50-60 Hz
Output Channels:	1	Backup Power Supply:	24 VDC
Output Mode:	Parallel	Power Consumption:	1050 W
Output Connector:	Terminal	Power Connector in:	IEC
Main Outputs:	2	Height (mm):	483 mm
Main Output Connector:	RCA	Width (mm):	88 mm
Mono Inputs:	2	Length (mm):	326 mm
Mono Input Connector:	3-pin XLR / Terminal	Rack Units:	2 U
Stereo Inputs:	1	Weight:	16.4 kg
Stereo Input Connector:	RCA	Electronic Protection:	Overload / Short circuit
Transformer:	100 V		

Speakers

1

PSU-510P

5" Passive Unidirectional 100 V Projector Speaker

- 10 W / 100 V unidirectional projection speaker
- 5" woofer
- Protected against dust ingress (IP55)

D6550



Peak Input Power:	10 W	Max. SPL at 1 m:	100 dB
Transformer:	100 V	Freq. Resp. Min.:	130 Hz
Line Transformer Taps:	2.5 / 5 / 10 W	Freq. Resp. Max.:	15000 Hz
Passive		Woofer Ø:	5"
Input Connection:	Open End	Height (mm):	117 mm
Speaker System:	Coaxial	Width (mm):	138 mm
Speaker		Length (mm):	205 mm
Sensitivity (1 W/1 m):	91 dB	Weight:	1.4 kg
Speaker Impedance:	8 Ω	IP Rating:	IP55

2

EVO 4T

Passive 4" 100 V speaker set

- Full-range 2-way audio set for excellent Hi-Fi quality
- 70/100 V with 4 power taps
- 40 W RMS, max SPL: 110 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white

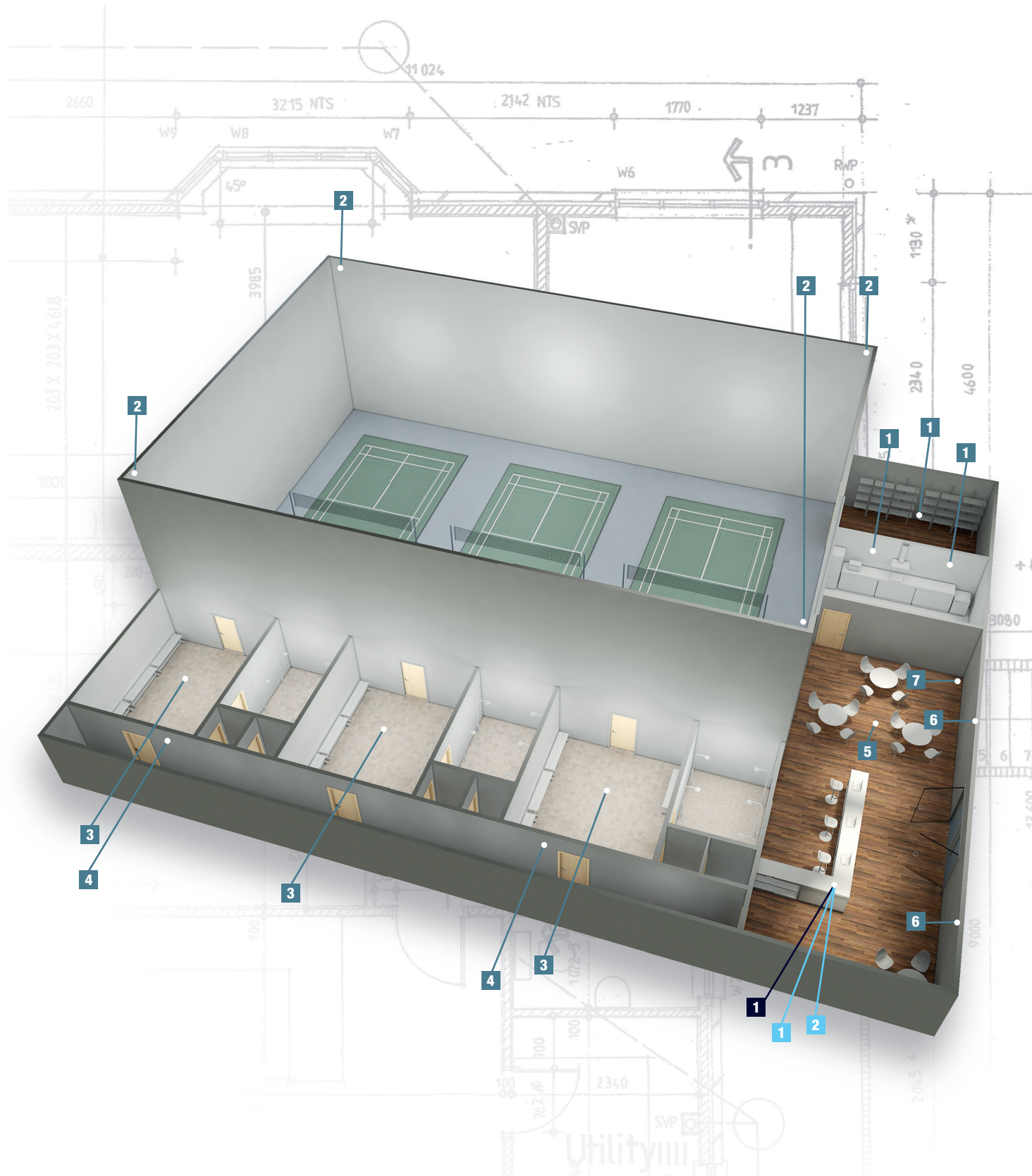
D3680

D3681



RMS Input Power:	40 W	Woofer Ø:	4"
Peak Input Power:	80 W	Compression Driver Ø:	1"
Transformer:	70+100 V	Dispersion Angle Hor.:	110 °
Line Transformer Taps:	2 / 4 / 8 / 16 W	Dispersion Angle Vert.:	90 °
Passive		Height (mm):	195 mm
Input Connection:	Terminal	Width (mm):	127 mm
Speaker System:	2-way	Length (mm):	115 mm
Speaker		Installation	
Sensitivity (1 W/1 m):	88 dB	Depth (excl. connector):	157 mm
Speaker Impedance:	8 Ω	Weight:	1.8 kg
Freq. Resp. Min.:	100 Hz	IP Rating:	IP54
Freq. Resp. Max.:	20000 Hz		





SPORTS CENTER & CANTEEN

In this 100-volt configuration example a setup with four zones is applied. The sports area, the cafeteria, the kitchen, and the dressing rooms with passages. The ZPA-9250VTU is applied, because it can power all used speakers by itself and is equipped with built-in

volume controls. The user can adjust volume levels for all areas directly on the amplifier. The built-in USB player with tuner makes it an all-in-one solution, where no other devices are necessary.

Audio Source

1

- PM-160**
Announcement Microphone with Chime
- Mic volume adjustable on backside
 - Chime volume adjustable on backside
 - Talk button on top
 - Built-in four-tone Chime

D6191



Main Outputs:	1	Freq. Resp. Max.:	23000 Hz
Main Output Connector:	3-pin XLR / TRS unbalanced 6.3 mm	Power Connector in:	Low Voltage DC plug
Microphone Type:	Condenser	Height (mm):	132 mm
Microphone Sensitivity:	230 mV	Width (mm):	155 mm
Freq. Resp. Min.:	22 Hz	Length (mm):	380 mm
		Chime:	Yes

Amplifiers

1

- ZA-9250VTU**
250 W 100 V Zone Amp
- 4 zones
 - Media player
 - Built-in volume controllers
 - USB on front & backside

D6155



RMS Output:	250 W	Channel Equalizer:	2 Bands
Power Amplifier:	4	Parametric	
Output Channels:	Parallel	Microphone Equalizer:	2 Bands
Output Mode:	Terminal	Speech Filter Range:	3 dB
Output Connector:	3	Speech Filter Freq.:	300 Hz
Main Outputs:	2	FM Freq. Start:	87.5 MHz
Main Output Connector:	3-pin XLR / RCA	FM Freq. End:	108 MHz
Zone Output:	4	Power Supply:	240 VAC 50-60 Hz
Zone Output Connector:	Terminal / RCA	Backup Power Supply:	24 VDC
Mono Inputs:	3	Power Consumption:	514 W
Mono Input Connector:	3-pin XLR / Terminal / TS unbalanced 6.3 mm	Power Connector in:	IEC C13 female
		Data Connector in:	USB
Stereo Inputs:	3	Height (mm):	134 mm
Stereo Input Connector:	RCA / TRS balanced 3.5 mm	Width (mm):	483 mm
		Length (mm):	328 mm
Auxiliary Inputs:	1	Rack Units:	3 U
Auxiliary Input Connector:	RCA	Weight:	14 kg
Transformer:	100 V	PTT:	Yes
Supported Audio Files:	MP3 / WAV	Chime:	Yes
Media Input/Output:	USB-A	Telephone Input:	Yes
Phantom Power:	18 V	Electronic Protection:	Overload / Short circuit
Parametric			

2

- HP-2100**
2x 1000 W amplifier
- Class H amplifier
 - Efficient forced air cooling
 - Bridge, parallel and stereo mode
 - Full protection circuits
 - 19" / 2U design

D4178



2 Ohms Stable:	No	Amp Technology:	Class H
Output per Chan. into 8 ohms at 1 kHz:	700 W	Damping Factor:	250 :1
Output per Chan. into 4 ohm at 1 kHz:	1000 W	Freq. Resp. Min.:	10 Hz
Bridge Output into 8 ohms at 1 kHz:	2000 W	Freq. Resp. Max.:	20000 Hz
Output Channels:	2	Power Supply:	220V-240 VAC 50 Hz
Output Mode:	Bridge / Parallel / Stereo	Power Consumption:	2000 W
Output Connector:	Speaker Connector 4 pole	Height (mm):	88 mm
		Width (mm):	483 mm
Mono Input Connector:	3-pin XLR	Length (mm):	360 mm
THD Level:	< 0.5 %	Rack Units:	2 U
Signal-to-noise Ratio:	> 100 dB	Weight:	14.9 kg
SLEW Rate:	20 V/µs	Electronic Protection:	Clip limiter (fixed) / DC voltage / Overheat / Overload / Short circuit / Softstart / Thermal

Speakers

1

EVO 4T

Passive 4" 100 V speaker set

- Full-range 2-way audio set for excellent Hi-Fi quality
- 70/100 V with 4 power taps
- 40 W RMS, max SPL: 110 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white

D3680  



RMS Input Power: 40 W
Peak Input Power: 80 W
Transformer: 70+100 V
Line Transformer Taps: 2 / 4 / 8 / 16 W
Passive
Input Connection: Terminal
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 100 Hz
Freq. Resp. Max.: 20000 Hz

Woofer Ø: 4 "
Compression Driver Ø: 1 "
Dispersion Angle Hor.: 110 °
Dispersion Angle Vert.: 90 °
Height (mm): 195 mm
Width (mm): 127 mm
Length (mm): 115 mm
Installation Depth (excl. connector): 157 mm
Weight: 1.8 kg
IP Rating: IP54

1

EVO 6T

Passive 6.5" 100 V speaker set

- Full-range 2-way audio set for excellent Hi-Fi quality
- 70 W RMS, 70/100 V with 4 power taps
- Max SPL: 114 dB @ 1 m each
- IP54 Rated
- Multi angled brackets (tiltable to up to 60 degrees)
- Quick and easy installation in either horizontal or vertical position
- Elegant ABS design available in black and white

D3684  



RMS Input Power: 70 W
Peak Input Power: 140 W
Transformer: 70+100 V
Line Transformer Taps: 4 / 8 / 16 / 32 W
Passive
Input Connection: Terminal
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 90 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 50 Hz
Freq. Resp. Max.: 20000 Hz

Woofer Ø: 6.5 "
Compression Driver Ø: 1 "
Dispersion Angle Hor.: 110 °
Dispersion Angle Vert.: 90 °
Height (mm): 300 mm
Width (mm): 195 mm
Length (mm): 185 mm
Installation Depth (excl. connector): 245 mm
Weight: 3.7 kg
IP Rating: IP54

2

MHS-30S

Passive Square Horn Speaker 100 V

- 30 W / 70 + 100 V horn speaker
- Square horn
- Suitable for outdoor use (IP66)
- Light grey
- Bracket included

D6544



Peak Input Power: 30 W
Transformer: 70+100 V
Line Transformer Taps: 3.8 / 7.5 / 15 / 30 W
Passive
Input Connection: Open End
Speaker System: Horn
Speaker
Sensitivity (1 W/1 m): 97 dB
Speaker Impedance: 8 Ω

Freq. Resp. Min.: 100 Hz
Freq. Resp. Max.: 10000 Hz
Speaker Driver Ø: 25.9 mm
Height (mm): 253 mm
Width (mm): 310 mm
Length (mm): 363 mm
Weight: 3.9 kg
IP Rating: IP66

3

CS-56

5" Passive Ceiling Speaker 100 V

- 6 W / 100 V recessed ceiling speaker
- 5" woofer
- Wide 140° dispersion angle

D6573



Peak Input Power: 6 W
Transformer: 100 V
Line Transformer Taps: 3 / 6 W
Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 90 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 110 Hz

Freq. Resp. Max.: 15000 Hz
Woofer Ø: 5 "
Dispersion Angle Hor.: 140 °
Height (mm): 67 mm
Width (mm): 200 mm
Length (mm): 200 mm
Weight: 0.7 kg
IP Rating: IP40
Mounting Size: Ø 170 mm

4

PSB-510M

5" Passive Bidirectional 100 V Projector Speaker

- 20 W/100 V bidirectional projection speaker
- 2x 5" woofer
- Protected against dust ingress (IP55)
- 130° dispersion angle
- White

D6555



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 / 20 W
Passive
Input Connection: Open End
Speaker System: Coaxial
Speaker
Sensitivity (1 W/1 m): 92 dB
Freq. Resp. Min.: 110 Hz

Freq. Resp. Max.: 15000 Hz
Woofer Ø: 5 "
Dispersion Angle Vert.: 130 °
Height (mm): 135 mm
Width (mm): 135 mm
Length (mm): 202 mm
Weight: 2.8 kg
IP Rating: IP55

5

DCS-5230

5" Passive Ceiling Speaker 100 V

- Recessed installation
- 2-way speaker system
- Magnetic grill assembly
- Ultra-thin border

D6579



Peak Input Power: 20 W
Transformer: 100 V
Line Transformer Taps: 5 / 10 / 20 W
Passive
Input Connection: Open End
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 88 dB
Speaker Impedance: 8 Ω
Freq. Resp. Min.: 100 Hz

Freq. Resp. Max.: 20000 Hz
Woofer Ø: 5 "
Compression Driver Ø: 0.75 "
Dispersion Angle Hor.: 130 °
Height (mm): 80 mm
Width (mm): 203 mm
Length (mm): 203 mm
Weight: 1.1 kg
IP Rating: IP40
Mounting Size: Ø 180 mm

6

Xi-8

Passive 8" install speaker

- 250 W RMS
- Clean full-range Hi-Fi sound (2-way system)
- Multiple mounting & connectivity options
- Rotatable horn and logo for vertical mounting
- Easy detachable magnet mounted grill

D3544  



RMS Input Power: 250 W
Peak Input Power: 1000 W
Passive
Input Connection: Speaker Connector
4 pole / Terminal
2-way
Speaker System: 2-way
Speaker
Sensitivity (1 W/1 m): 95 dB
Speaker Impedance: 8 Ω
Max. SPL at 1 m: 125 dB
Freq. Resp. Min.: 55 Hz
Freq. Resp. Max.: 20000 Hz
Freq. Resp. (-10dB) Min.: 55 Hz
Freq. Resp. (-10dB) Max.: 20000 Hz
Woofer Ø: 8 "

Woofer Voice Coil: 2 "
Compression Driver Ø: 1 "
Compression Driver
Voice Coil: 1.4 "
Dispersion Angle Hor.: 90 °
Dispersion Angle Vert.: 60 °
Height (mm): 430 mm
Width (mm): 263 mm
Length (mm): 290 mm
Material: Plywood
Colour: Black or White
Weight: 10.7 kg
IP Rating: IP20
(indoor use only)
Rotatable Horn: Yes

7

Xi-12B

Passive 12-inch subwoofer

- 300 W RMS
- Smooth frequency response
- Compact and lightweight design
- Recessed Speaker 4-pin chassis
- High SPL: 125 dB

D3442  



RMS Input Power: 300 W
Peak Input Power: 900 W
Passive
Input Connection: Speaker Connector
4 pole / Terminal
Passive
Output Connector: Speaker Connector
4 pole
Speaker System: Subwoofer
Speaker
Sensitivity (1 W/1 m): 122 dB
Speaker Impedance: 4 Ω
Max. SPL at 1 m: 125 dB
Freq. Resp. Min.: 45 Hz
Freq. Resp. Max.: 2800 Hz

Woofer Ø: 12 "
Woofer Voice Coil: 2.55 "
Subwoofer Dispersion
Angle Hor. : 360 °
Subwoofer Dispersion
Angle Vert.: 180 °
Height (mm): 500 mm
Width (mm): 350 mm
Length (mm): 542 mm
Material: Wood
Colour: Black or White
Weight: 19 kg
IP Rating: IP20
(indoor use only)



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