

Invented for life



BOSCH

High-performance:

Music and announcements solutions

Portfolio and application overview

Music and announcements solutions:

a new shopping and hospitality experience

Retail and hospitality businesses are finding new ways to connect with consumers, with the most successful businesses positioning themselves as more than simple shopping locations. They are transforming into distinctive environments of spiritual and emotional consumption, becoming gathering sites where friends share space while adding new clothes, products and experiences to their lives.

Research shows that music systems help provide an enjoyable atmosphere and can be used to encourage more sales.





For over a century, Bosch has been known worldwide for the quality and reliability of its products and services. It is also the only supplier that ranks among the top three firms in both the professional music and public address (PA) system industries. Bosch music and announcements solutions provide different control methods and speaker types geared to the needs of different business environments. Bosch music and announcements solutions create an encouraging and comfortable business environment. They also enhance the retail and hospitality customer experience, creating more opportunities for business owners, while increasing brand value.

Outstanding business environment

- Enhances the customer experience
- Creates new revenue opportunities
- Meets the growing expectations of customers

Music helps create a unique customer experience

- Sound is a highly influential stimulus
- Music can recall wonderful memories and emotions
- At a suitable volume it can mask or distract from unpleasant background noise

Music and Announcements system features

- Reliable, easy to install and use
- Balanced frequency response at low volumes
- Low profile, easily integrated into the decor

The value of Music and Announcements

- Prolongs customer stay
- Subtle influence and marketing
- Creates recognizable music associated with a particular company or brand

Bar/Cafe

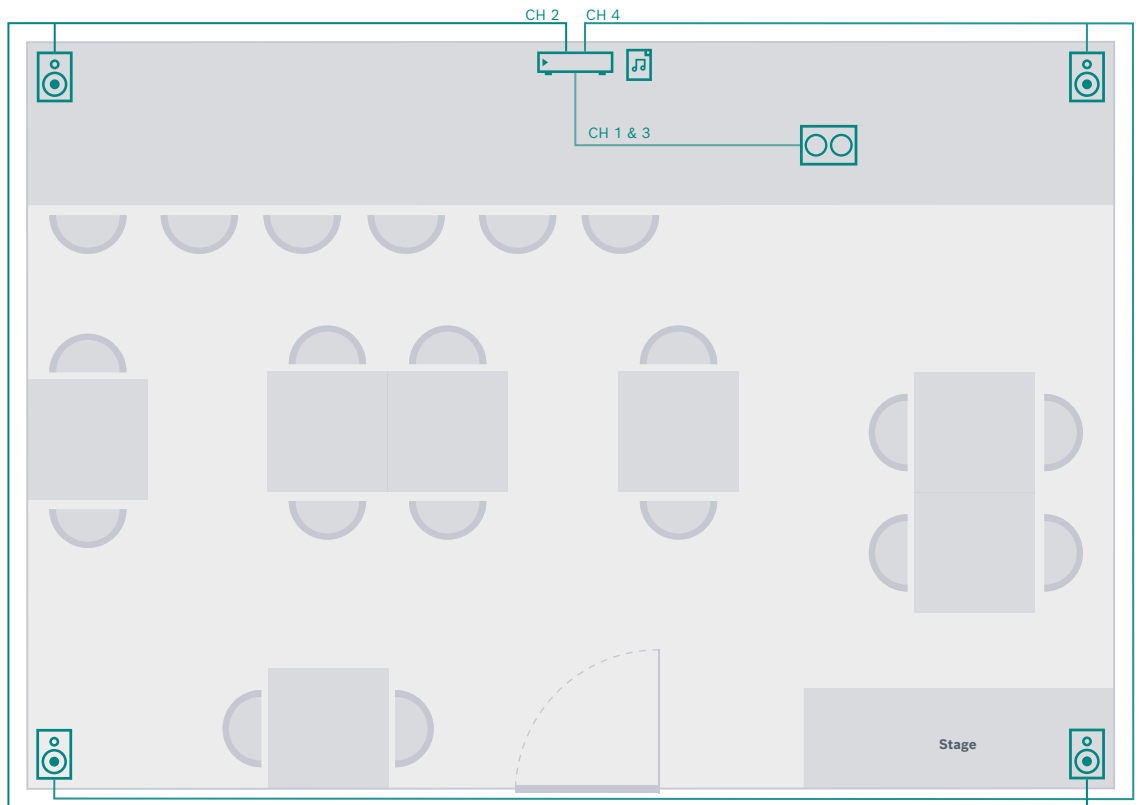
Creating a cool trendy environment is essential for small bars and cafes. They generally require compact sound solutions to cater to their background music needs, as they have smaller distances and fewer zones to cover. Loudspeaker systems such as the LB20 premium loudspeakers provide superior acoustics for these kind of venues.









The perfect addition to these loudspeakers is the PLENA Matrix – ensuring excellent sound thanks to a smart equalizing approach and built-in limiters. Low operating costs and expandability additionally ensure that the system can be used for years to come.

Highlights/requirements

- Café/bar area: approx. 100 - 200 m² (328 - 656 ft²) one zone
- For background music and occasional live performance/speech
- Loudspeakers for indoor and outdoor installation





LEGEND		
	Premium cabinet loudspeaker LB20-PC60-8	
	Premium subwoofer LB20-SW400	
	PLENA matrix power amplifier PLM-4P220	
	SD Player/Tuner/BT BGM source PRM-USTB	

Channels limited to match loudspeaker power
 Channel 1 & 2: 4 Ω
 Channel 3 & 4: 8 Ω

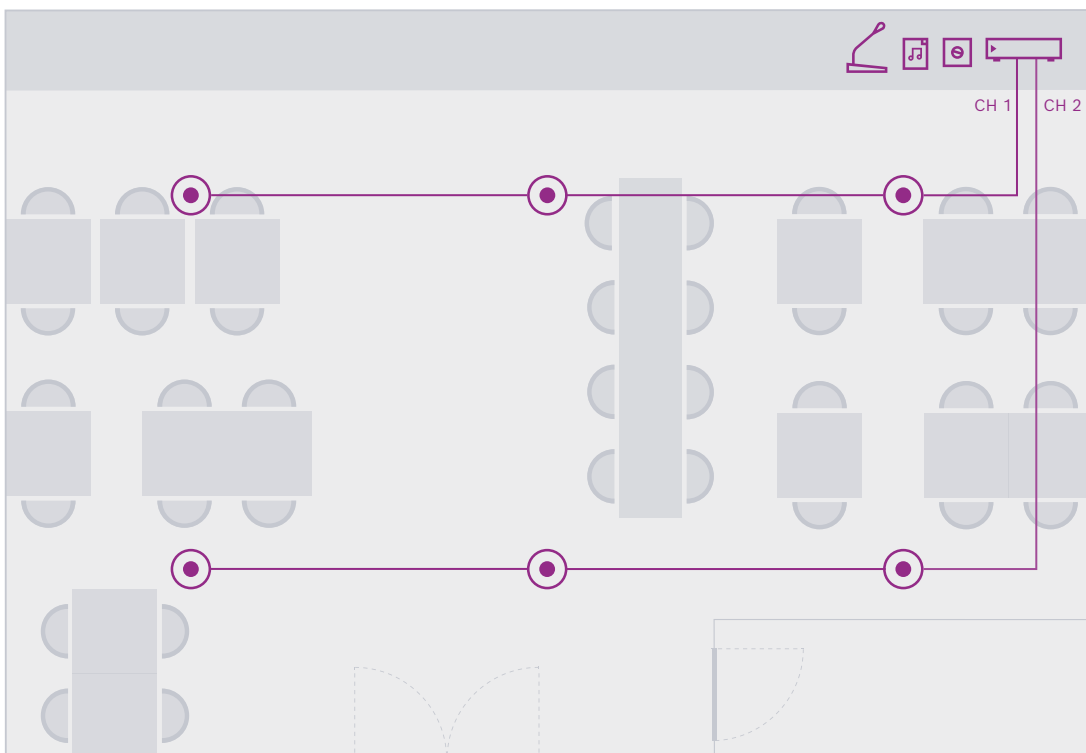
Fast Food Restaurant











Breakfast, lunch and dinner for the fast food restaurant means peak noise levels from hungry customers and seated eaters alike. Maintaining a welcoming and safe environment means being able to accurately adapt to noise levels at these peak times as well during quieter periods. Background music is a vital support for restaurant staff in maintaining comfort levels, and a PLENA sound system plays a central role in keeping customers happy at any time of day or night. With four mic/line inputs for connection to the Plena Call Station, three music inputs and an emergency/telephone input, this mixing amplifier can deliver 120 Watts while maintaining full music and audio clarity. Add the LC2 premium ceiling loudspeakers to tailor the set-up to suit every taste.

Highlights/requirements

- Restaurant area: approx. 150 - 250 m² (492 - 820 ft²) 2+ zones
- Separate tone control for voice and music
- Two priority inputs for (emergency) broadcast announcement





LEGEND		
	Premium ceiling loudspeaker LC2-PC30G6-4	
	PLENA mixer amplifier PLE-2MA240	
	PLENA All-Call call station PLE-ICS	
	SD Player/Tuner/BT BGM source PRM-USTB	
	Volume control LBC 1411/00	

The layouts are for general and visual purposes only and should not be directly applied to any installation.

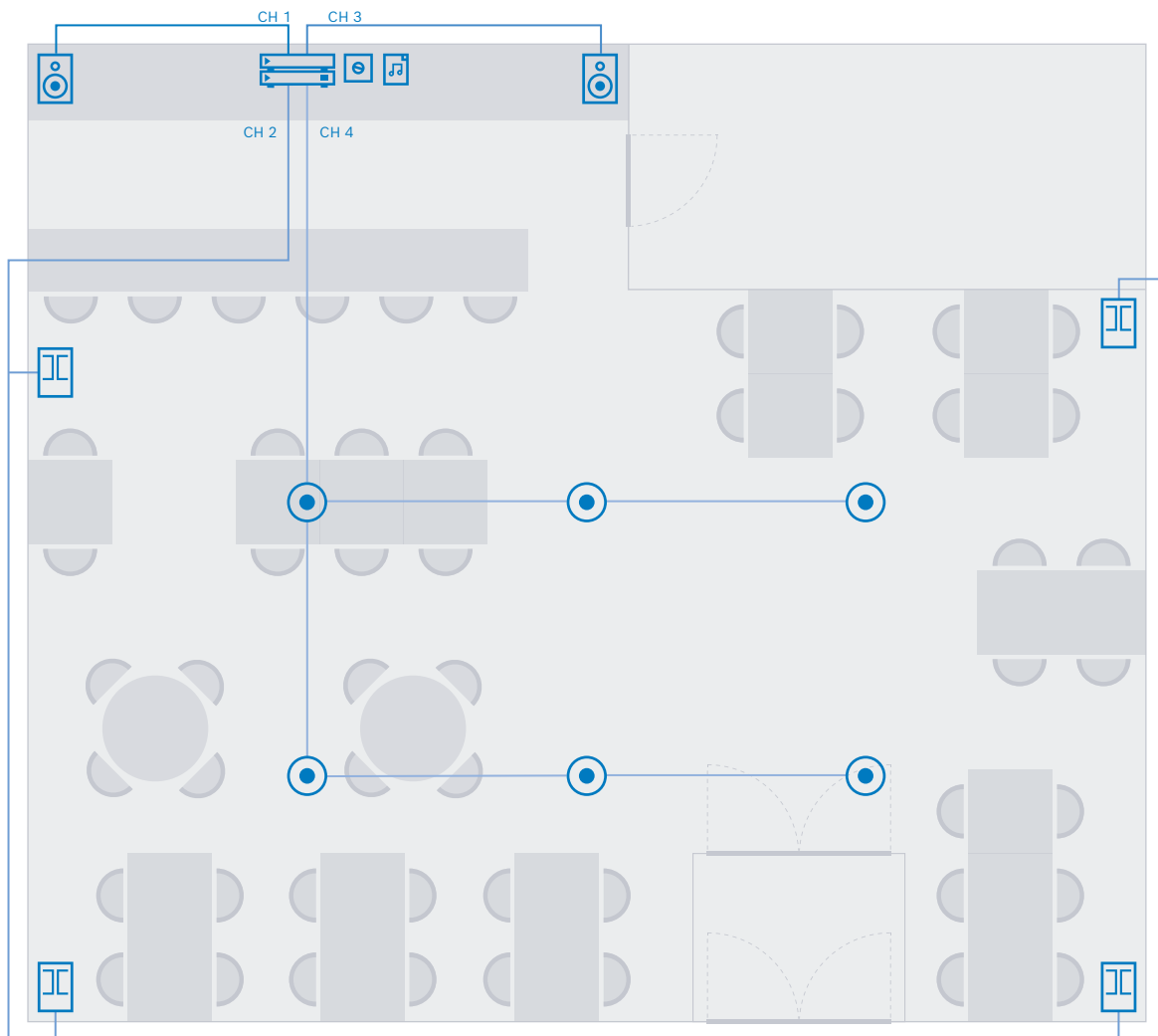
Small / Midsized Restaurant















Cozy dining - it's all about intimacy and the background music helps to create this. Suitable for small/medium-sized restaurants, the PLENA Matrix digital sound system is a quality step-up solution with more functionality than ordinary consumer audio products. It is possible to cover several areas including the restaurant itself as well as the adjoining kitchen or service area. With the integrated wall panels, restaurant managers can choose the music source and control the volume of the zones remotely.

Highlights/requirements

- Restaurant area: approx. 400 - 500 m² (1312 - 1640 ft²) 2+ zones
- High quality audio with acoustically balanced crossover point
- Suitable for occasional live performance/speech
- Zone volume can be independently adjusted
- Priority for emergency broadcast announcement





LEGEND		
	Premium cabinet loudspeaker LB20-PC30-5	
	Premium cabinet loudspeaker LB20-PC60-8	
	Premium ceiling loudspeaker LC2-PC30G6-8	
	PLENA Matrix mixer PLM-8M8	
	Power amplifier PRM-4P600	
	PLENA Matrix wall control panel PLM-WCP	
	SD Player/Tuner/BT BGM source PRM-USTB	

The layouts are for general and visual purposes only and should not be directly applied to any installation.

Channels 1 & 2 limited to match loudspeaker power

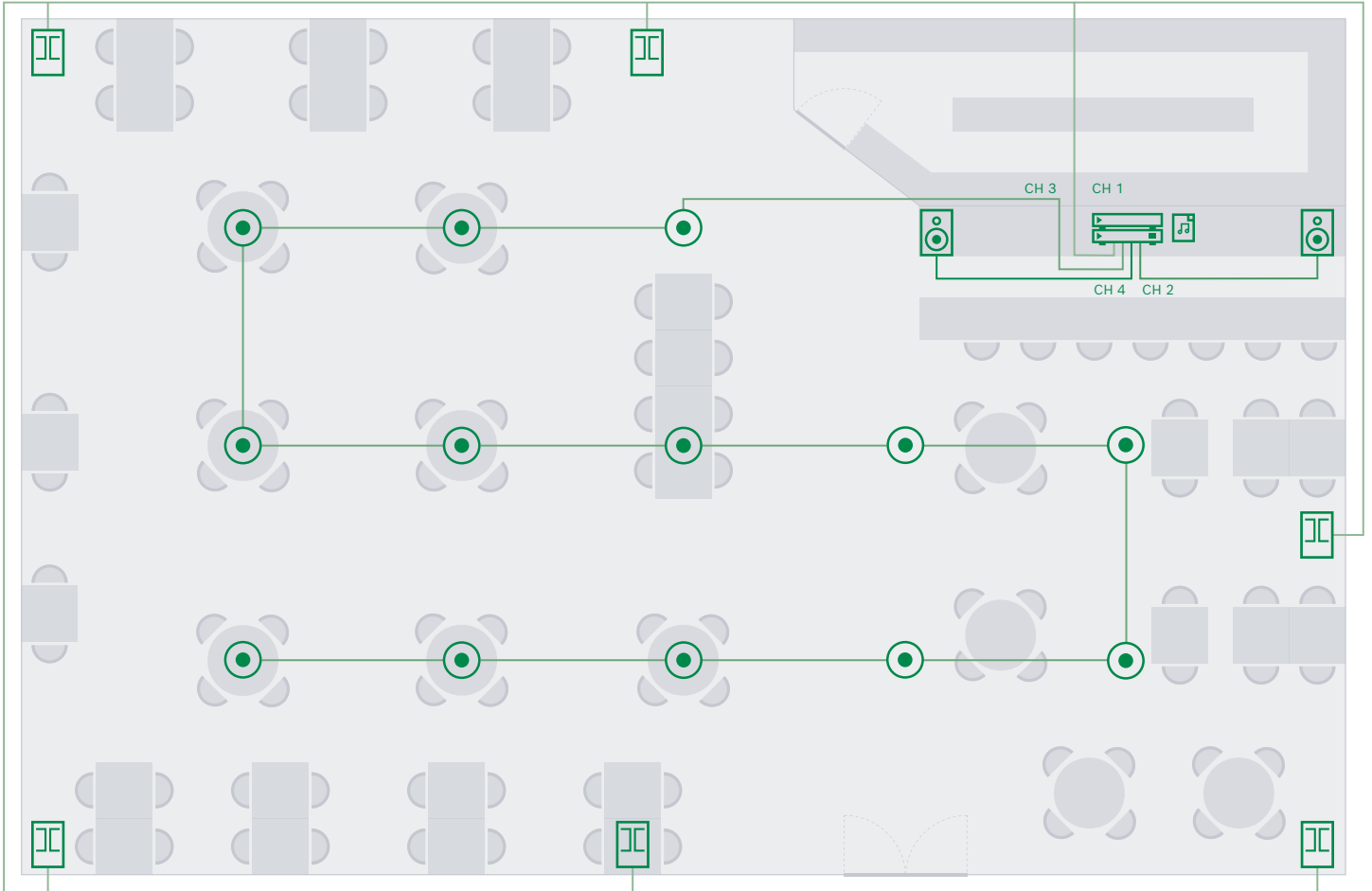
Large Restaurant










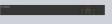


Dining out with family or friends should be a memorable and pleasant occasion. With the PLENA Matrix digital sound system, your guests will always enjoy the perfect accompaniment to their dining experience. Simply link it to a media set, MP3 player or smart phone, and experience exceptional sound via our compact and stylish loudspeakers. If you need to make an announcement to guests or employees, use the system's call station for clear and audible messaging. Multiple zones are supported, so atmospheric music can be played in the dining area, while employees can be addressed separately in the kitchen. Additional call stations can be integrated as required.

Highlights/requirements

- Restaurant area: approx. 1500 - 2000 m² (4921 - 6561 ft²)
- Up to eight independent zones
- Three different music channels in different zones
- Flexible control via wall panel, PC or mobile devices
- Option for PA announcements





LEGEND		
	Premium cabinet loudspeaker LB20-PC30-5	
	Premium cabinet loudspeaker LB20-PC60-8	
	Premium ceiling loudspeaker LC2-PC30G6-8	
	PLENA Matrix mixer PLM-8M8	
	Power amplifier PRM-4P600	
	SD Player/Tuner/BT BGM source PRM-USTB	

The layouts are for general and visual purposes only and should not be directly applied to any installation.

Channels 1 & 2 limited to match loudspeaker power

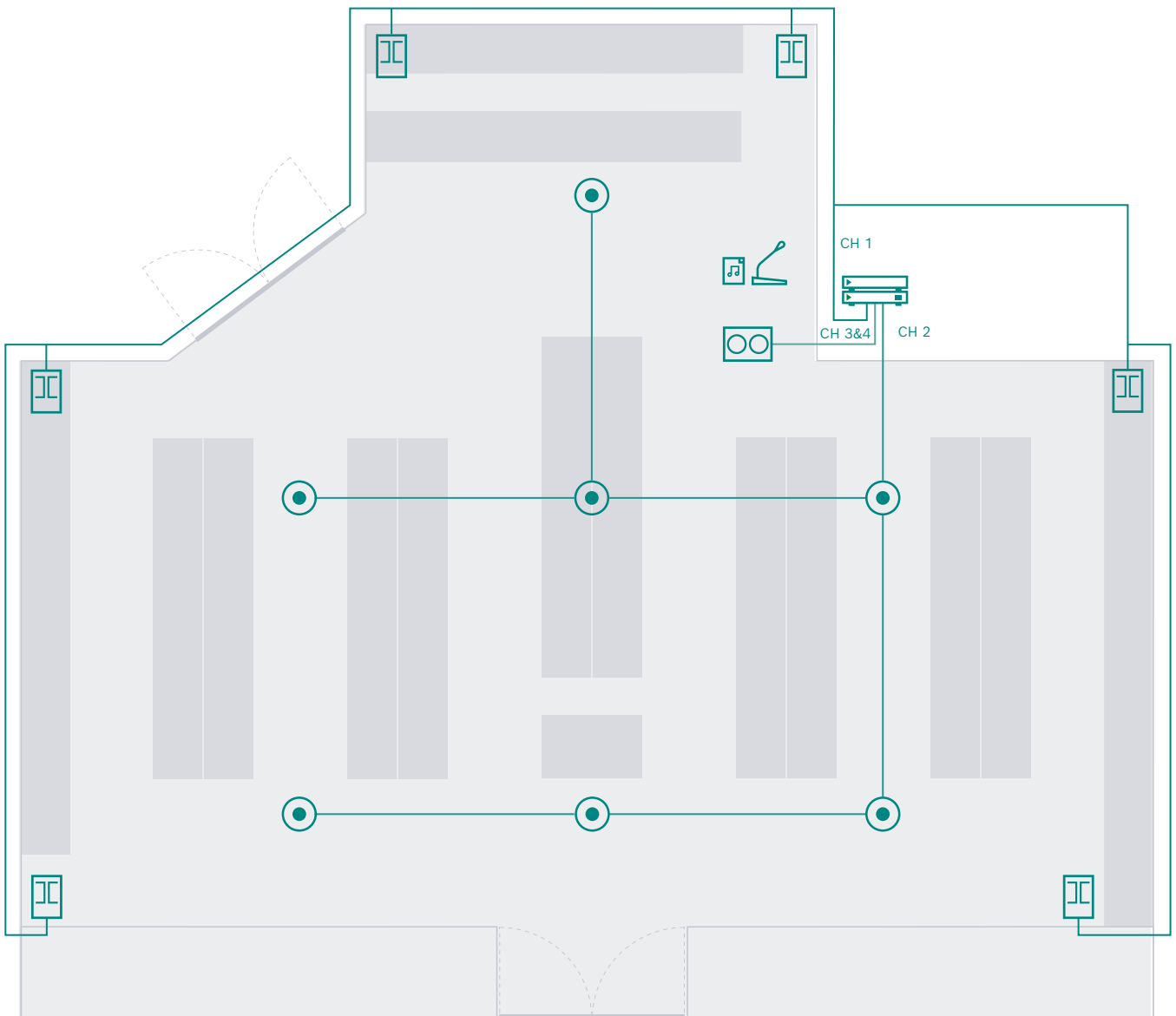
Midsized Shop










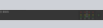




Whether it is an afternoon of casual browsing or looking for a specific item, the shopping experience should be rewarding, comfortable and fun. Attracting customers into a shop and keeping them there both rely on providing a sense of welcome and well-being. That's where a high-quality music and voice announcement system really helps, both in setting the mood for shopping and for keeping shoppers informed. Busy retail stores with multiple sections and floors can often find this challenging, but not any longer. The PLENA Matrix digital sound system, combined with the LB20 premium loudspeakers, delivers beautiful audio for music and messaging. This stylish system hits exactly the right note for the perfect shopping experience.

Highlights/requirements

- Shop area: approx. 500 - 800 m² (1640 - 2624 ft²)
- Up to eight independent zones
- Room acoustics and loudspeaker equalizing adjustments possible
- Four microphone/line, three music source, call station and emergency input
- Flexible control via wall panel, PC or mobile device





LEGEND		
	Premium cabinet loudspeaker LB20-PC30-5	
	Premium ceiling loudspeaker LC2-PC30G6-8	
	Premium subwoofer LB20-SW400	
	PLENA mixer PLE10M2	
	Power amplifier PRM-4P600	
	PLENA Two-zone call station PLE-2CS	
	SD Player/Tuner/BT BGM source PRM-USTB	

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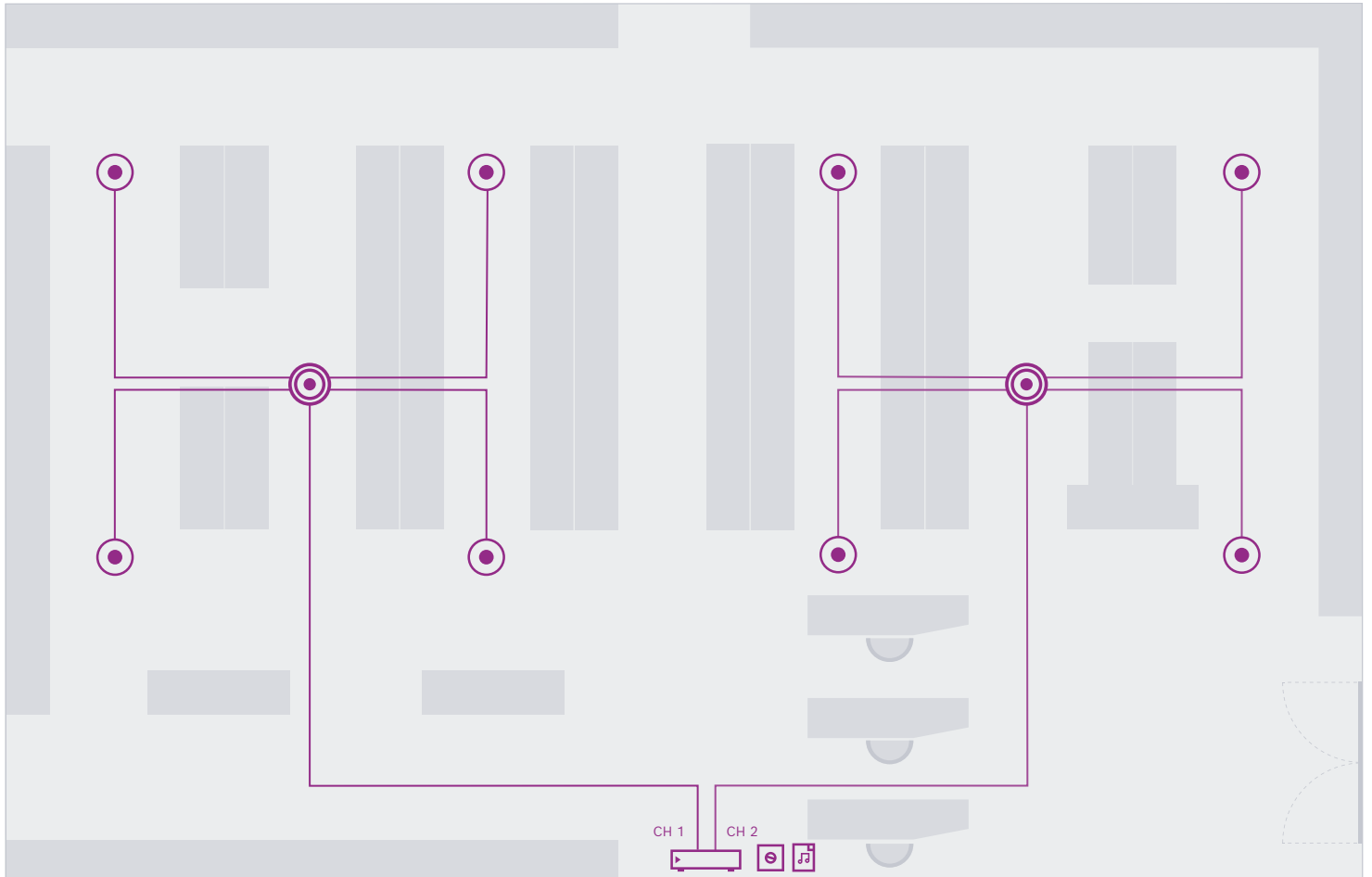
Supermarket











Supermarkets have different periods of heavy foot traffic, with daily customers looking for last-minute goods or families doing the weekly shopping. High noise levels at till areas and entrances/exits, combined with the need for constant paging/messaging alerts and special offers, all make the supermarket a challenging environment for owners. We now have a perfect solution that ensures the entire supermarket floor space is adequately covered for audible messaging, background music and announcements. The LC2-PC30G6-4 combined with the PLENA All-in-one controller including paging system is an easy-to-use out-of-the-box solution, delivering high quality sound and intelligible voice announcements and special announcements in targeted areas.

Highlights/requirements

- Supermarket area: approx. 500 - 800 m² (1640 - 2624 ft²)
- Built-in AM/FM tuner with presets, MP3 player for USB device and SD card
- Flexible control via wall panel
- Up to six independent zones





LEGEND		
	Premium ceiling loudspeaker LC2-PC30G6-4	
	Premium ceiling subwoofer LC2-PC60G6-10	
	PLENA All-in-one PLN-6AIO240	
	PLENA wall control panel controller PLN-4S6Z	
	SD Player/Tuner/BT BGM source PRM-USTB	

The layouts are for general and visual purposes only and should not be directly applied to any installation.

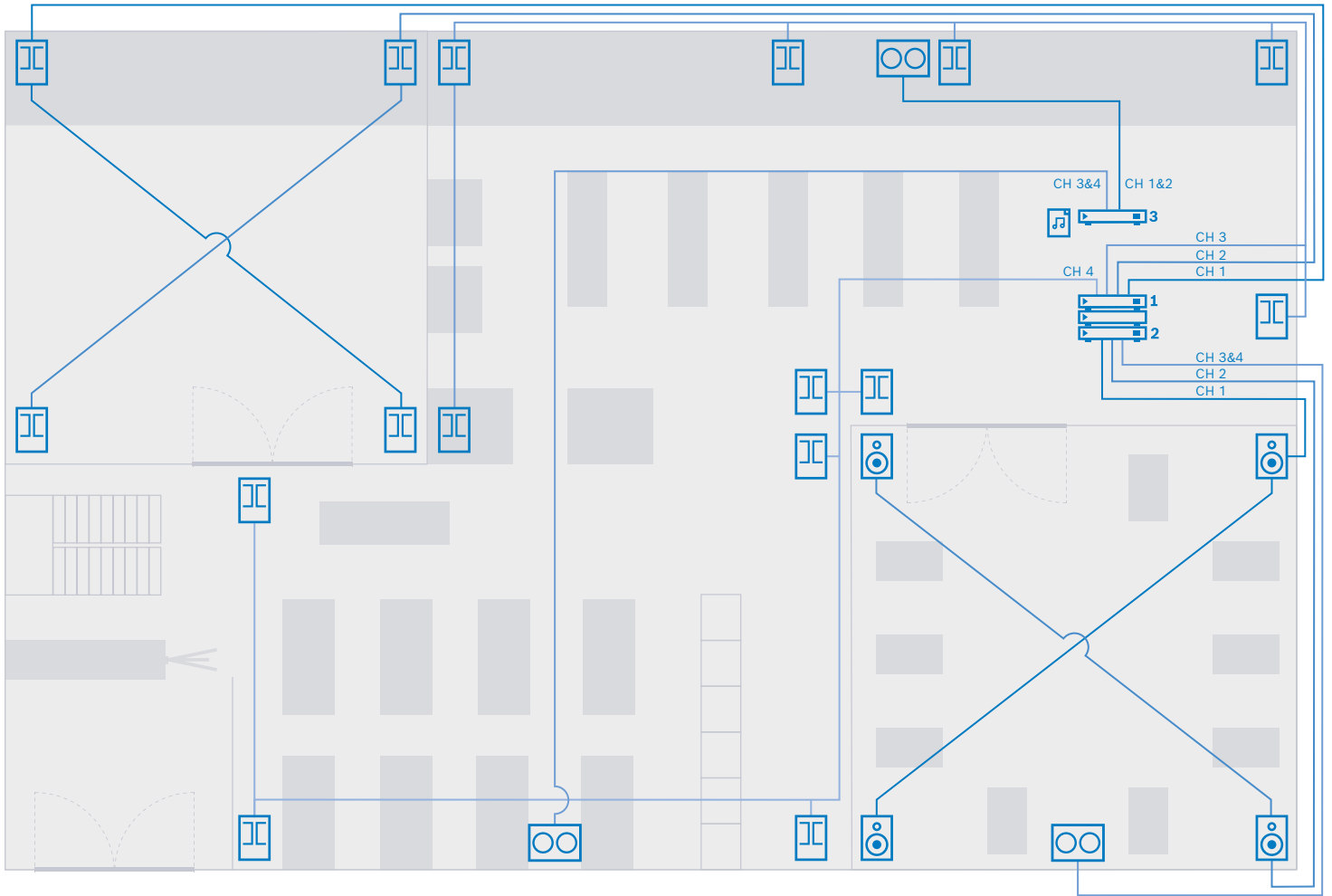
Fitness Centre












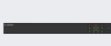

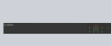


Fitness goals need focus, and a great gym environment requires the right music to keep the practice rhythm and pace. Whether that's a soothing mantra in the yoga section, or a techno vibe in the cardio area, it's clear that a capable system should be able to handle different music and volumes at the same time. Enter the PLENA Matrix digital sound system, with intuitive configuration interfaces for ease-of-use for different zones or sections. Combine it with LB20 premium loudspeakers, and visitors will enjoy exceptional sound throughout their fitness journey.

Highlights/requirements

- Fitness area: approx 800 - 1000 m² (2624 - 3280 ft²)
- Up to eight zones
- Flexible control via PC or iOS app
- Supports enhancing fitness experience with foreground music, background music, live speech and announcements





LEGEND		
	Premium cabinet loudspeaker LB20-PC30-5	
	Premium cabinet loudspeaker LB20-PC60-8	
	Premium subwoofer LB20-SW400	
	PLENA Matrix mixer PLM-8M8	
	Power amplifier PRM-4P600	
	Power amplifier PRM-4P600	
	Power amplifier PRM-4P600	
	SD Player/Tuner/BT BGM source PRM-USTB	

The layouts are for general and visual purposes only and should not be directly applied to any installation.

Channels limited to match loudspeaker power
 Channel 1 & 2: 4 Ω
 Channel 3 & 4: 8 Ω

Loudspeakers

LC2-PC30G6-8L



LC2-PC60G6-8H



LC2-PC30G6-4



Description	8" Two-Way Coaxial Ceiling Loudspeaker	8" Two-Way Coaxial Ceiling Loudspeaker	4" Two-Way Coaxial Ceiling Loudspeaker
Frequency Range (-10 dB)	50 Hz to 20 kHz	50 Hz to 20 kHz	65 Hz - 20 kHz
Sensitivity (1 W/1 m)	91 dB	93 dB	86 dB
Max. SPL (@1m)	110 db Cont (116 dB Peak)	112 db Cont (118 dB Peak)	109 dB
Power Handling (Continuous/Program/Peak)	75/150/300 W	75/150/300 W	50/100/200 W
Nominal Impedance	8 Ω	8 Ω	8 Ω
Transformer Taps (Transformer Version Only)	70 V: 30, 15, 7.5, 3.75, 1.8 W and 8 Ω	70 V: 30, 15, 7.5, 3.75, 1.8 W and 8 Ω 100 V: 100, 50, 25 W and 4/8 Ω	70 V: 30, 15, 7.5, 3.75, 1.8 W and 8 Ω 100 V: 30, 15, 7.5, 3.75 and 8 Ω
Coverage (Conical)	110°	75°	130°
Coverage (H x V)			
HF Transducer	25 mm (1 ")	25 mm (1 ")	19 mm (0.75 ")
LF Transducer	200 mm (8 ")	200 mm (8 ")	100 mm (4 ")
Environmental	Indoor	Indoor	Indoor
Certification	BS 5839-8 & EN 60849, CE	BS 5839-8 & EN 60849, CE	UL 1480A, UL 2043, CE
Color	White (RAL 9010)	White (RAL 9010)	White (RAL 9010)
Cutout Dimensions (diameter)	272 mm (10.75")	322 mm (10.75")	183 mm (7.19")
Diameter	300 mm (11.8")	350 mm (13.8")	181 mm (7.1")
Depth	178 mm (7")	303 mm (11.9")	176 mm (6.9")
Width			
Height			
Weight	5 kg (11.0 lb)	6 kg (13.2 lb)	2.7 kg (6.0 lb)

LC2-PC30G6-8

LC2-PC60G6-10

LC20-PC60G6-6

LC20-PC60G6-8



8" Two-Way Coaxial Ceiling Loudspeaker	10" High-Power Ceiling Subwoofer	6.5" Premium Two-Way Coaxial Ceiling Loudspeaker	8" Premium Two-Way Coaxial Ceiling Loudspeaker
50 Hz - 20 kHz	45 Hz - 150 kHz	50 Hz - 20 kHz	40 Hz - 20 kHz
91 dB	94 dB	87 dB	88 dB
116 dB	120 dB	113 dB	114 dB
75/150/300 W	100/200/400 W	100/200/400 W	100/200/400 W
8 Ω	8 Ω	10 Ω	10 Ω
70 V: 30, 15, 7.5, 3.75, 1.8 W and 8 Ω 100 V: 30, 15, 7.5, 3.75 and 8 Ω	70 V: 60, 30, 15, 7.5 W and 8 Ω 100 V: 60, 30, 15 W and 8 Ω	70 V: 60, 30, 15, 7.5 W and 8 Ω 100 V: 60, 30, 15 W and 8 Ω	70 V: 60, 30, 15, 7.5 W and 8 Ω 100 V: 60, 30, 15 W and 8 Ω
110°	180°	100°	120°
25 mm (1 ")	N/A	35 mm (1.38 ")	35 mm (1.38 ")
200 mm (8 ")	200 mm (10 ")	165 mm (6.5 ")	200 mm (8 ")
Indoor	Indoor	Indoor	Indoor
UL 1480A, UL 2043, CE	UL 1480A, UL 2043, CE	UL 1480A, UL 2043, CE	UL 1480A, UL 2043, CE
White (RAL 9010)	White (RAL 9010)	White (RAL 9010)	White (RAL 9010)
269 mm (10.6")	322 mm (12.625")	248 mm (9.76")	294.3 mm (11.59")
300 mm (11.8")	320 mm (12.6")	280 mm (11.0")	327 mm (12.87")
255 mm (10.0")	303 mm (11.9")	260 mm (10.2")	324 mm (12.76")
5 kg (11.0 lb)	7 kg (15.5 lb)	7 kg (15.43 lb)	8 kg (17.6 lb)

Loudspeakers (continued)

LB1-UM20



LB1-UM50



LB2-UC15



LB2-UC30



Description	5" Full-Range 20 W EN54 Surface Mount Loudspeaker	5" Full-Range 50 W EN54 Surface Mount Loudspeaker	4" Full-Range Surface Mount Loudspeaker	5" Full-Range Surface Mount Loudspeaker
Frequency Range (-10 dB)	90 Hz - 20 kHz	90 Hz - 20 kHz	95 Hz - 20 kHz	100 Hz - 19 kHz
Sensitivity (1 W/1 m)	88 dB	91 dB	87 dB	90 dB
Max. SPL (@1m)	101 dB	108 dB	99 dB	105 dB
Power Handling (Continuous/Program/Peak)	30 W	75 W	15 W	30 W
Nominal Impedance	8 Ω	8 Ω	8 Ω	8 Ω
Transformer Taps (Transformer Version Only)	70 V: 20, 10, 5, 2.5 W 100 V: 20, 10, 5, 2.5 W	70 V: 50, 25, 12.5, 6.2, 5 W 100 V: 50, 25, 12.5, 6.2, 5 W	70 V: 15, 7.5, 3.75, 1.9 W 100 V: 15, 7.5, 3.75, 1.9 W	70 V: 30, 15, 7.5, 3.75 W 100 V: 30, 15, 7.5, 3.75 W
Coverage (Conical)				
Coverage (H x V)	174 x 127° (@1K)	186 x 84° (@1K)	184 x 170° (@1K)	166 x 140° (@1K)
HF Transducer	25.4 mm (1 ")	25.4 mm (1 ")	13 mm (1/2 ")	13 mm (1/2 ")
LF Transducer	134.5 mm (5.25 ")	134.5 mm (5.25 ")	134.5 mm (4 ")	127 mm (5 ")
Environmental	Indoor, Outdoor (IP 65)	Indoor, Outdoor (IP 65)	Indoor, Outdoor (IP 65)	Indoor, Outdoor (IP 65)
Certification	CPD, EN54-24	CPD, EN54-24	CE	CE
Color	White (RAL 9010), Charcoal Black (RAL 7021)	White (RAL 9010), Charcoal Black (RAL 7021)	White (RAL 9010), Charcoal Black (RAL 7021)	White (RAL 9010), Charcoal Black (RAL 7021)
Cutout Dimensions (diameter)				
Diameter				
Depth	180 mm (7.08 ")	180 mm (7.08 ")	117 mm (4.60 ")	140 mm (5.51 ")
Width	160 mm (6.29 ")	160 mm (6.29 ")	136 mm (5.35 ")	160 mm (6.30 ")
Height	274 mm (10.78 ")	405 mm (15.94 ")	205 mm (8.07 ")	250 mm (9.84 ")
Weight	3.88 kg (8.55 lb)	5.58 kg (12.30 lb)	1.9 kg (4.18 lb)	2.4 kg (5.29 lb)

LB20-PC15-4

LB20-PC30-5

LB20-PC60EW-5

LB20-PC60-8

LB20-SW400



4" Two-Way Surface-Mount Loudspeaker	5" Two-Way Surface-Mount Loudspeaker	5" Two-Way IP65 Surface-Mount Loudspeaker	8" Two-Way Surface-Mount Loudspeaker	Dual 10" Surface-Mount Subwoofer
75 Hz - 20 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	50 Hz - 20 kHz	33 Hz - 500 Hz
87 dB	90 dB	89 dB	90 dB	94 dB
109 dB	115 dB	114 dB	116 dB	126 dB
40/80/160 W	75/150/300 W	75/150/300 W	90/180/360 W	400/800/1600 W
–	8 Ω	8 Ω	8 Ω	Stereo 8 Ω/ Mono 4 Ω
70 V: 15, 7.5, 3.7 W 100 V: 15, 7.5 W	70 V: 30, 15, 7.5, 3.75 W and 8 Ω 100 V: 30, 15, 7.5 W and 8 Ω	70 V: 60, 30, 15, 7.5 W and 8 Ω 100 V: 60, 30, 15 W and 8 Ω	70 V: 60, 30, 15, 7.5 W and 8 Ω 100 V: 60, 30, 15 W and 8 Ω	Optional Accessory
110 x 110°	90 x 90°	90 x 90°	90 x 90°	Omnidirectional
20 mm (0.75 ")	20 mm (0.75 ")	20 mm (0.75 ")	25 mm (1 ")	N/A
102 mm (4 ")	133 mm (5.25 ")	133 mm (5.25 ")	203 mm (8 ")	254 mm (Two 10 ")
Indoor, Outdoor (IP54)	Indoor, Outdoor (IP54)	Indoor, Outdoor (IP65)	Indoor, Outdoor (IP54)	Indoor, Outdoor (IP54 (IP65 with included accessory))
CE	CE	EN54-24, UL1480A, CE	CE	CE
White (RAL 9003) Black (RAL 9004)	White (RAL 9003) Black (RAL 9004)	White (RAL 9003) Black (RAL 9004)	White (RAL 9003) Black (RAL 9004)	White (RAL 9003) Black (RAL 9004)
118 mm (4.7")	151 mm (6.0")	148 mm (5.8")	223 mm (8.8")	491 mm (19.3")
140 mm (5.5")	180 mm (7.1")	180 mm (7.1")	250 mm (9.8")	651 mm (25.6")
193 mm (7.6")	255 mm (10.0")	255 mm (10.0")	390 mm (15.4")	356 mm (14.00")
1.5 kg (3.3 lb)	2.7 kg (5.9 lb)	3.2 kg (7.1 lb)	5.1 kg (11.3 lb)	17.9 kg (39.5 lb)

Amplifiers

**PLE-1ME 060-EU,
120-EU, 240-EU**
Single zone
Mixer Amplifier



**PLE-1MA 030-EU,
060-EU, 120-EU**
Single zone
Mixer Amplifier



**PLE-2MA 120-EU,
240-EU**
Two zone
Mixer Amplifier



PLN-6AIO240 PLENA
All-in-One



Zones	1	1	2	6
Output Channel and Power	Single channel, 60 W, 120 W, 240 W (100 V/4 Ω)	Single channel 30 W, 60 W, 120 W (100 V/4 Ω)	Single channel 120 W, 240 W (100 V / 8 Ω)	Single channel 240 W (100 V/70 V/8 Ω)
Frequency Response	Line 60 Hz - 20 kHz (+1/-3dB @-10 dB) Microphone 70 Hz - 20 kHz (+1/-3dB @-10 dB)	50 Hz - 20 kHz (+1/-3dB @-10 dB)	50 Hz - 20 kHz (+1/-3dB @-10 dB)	60 Hz - 18 kHz (+1/-3 dB @ -10 dB)
THD	<1 %	<1 %	<1 %	<1 %
Dynamic Range	>93 dB	>93 dB	>93 dB	
Audio Input/Output	4 x Balance line inputs 1 x 4-channel amp-link input 1x Music	4 x Balance line inputs 1 x 4-channel amp-link input 3x Music 1x Emergency/Telephone	6 x Balance line inputs 1 x 4-channel amp-link input 3x Music Call station 1x Emergency/Telephone	6 x Microphone/Line 3 x Music Call Station 1 x Emergency/Telephone Built-in AM/FM Tuner MP3 player for USB device and SD card
Control input/ Interface		1 x Wall Panel	1 x Wall Panel	1 x Wall Panel
Dimensions	100 x 430 x 270 mm (19 wide, 2RU high)	100 x 430 x 270 mm (19 wide, 2RU high)	100 x 430 x 270 mm (19 wide, 2RU high)	133 x 430 x 365 mm (19 wide, 3 U high)
Weight	PLE-1ME060-EU 6.5 kg (14.33 lb) PLE-1ME120-EU 8.9 kg (19.62 lb) PLE-1ME240-EU 10.5 kg (23.15 lb)	PLE-1MA060-EU 5 kg (11.02 lb) PLE-1MA120-EU 8.5 kg (18.74 lb) PLE-1MA240-EU 10.5 kg (23.15 lb)	PLE-2MA120-EU 10.5 kg (23.15 lb) PLE-2MA240-EU 12.5 kg (27.56 lb)	18 kg (39.69 lb)
Accessory Call Station	PLE-1CS Call Station	PLE-1CS Call Station	PLE-2CS Call Station	PLN-6CS Call Station
Accessory Control Panel		PLE-WP3S2Z-EU Wall Control Panel	PLE-WP3S2Z-EU Wall Control Panel	PLN-4S6Z Wall panel with local input

PLM-8M8
Audio Matrix Controller

Power Amplifier
PLM-4P125 / PLM-4P220

PRM-4P600
Power Amplifier

PRM-UST(B)
BGM source, USB, SD,
Tuner, (Bluetooth)



8	4	4	
8-channel line output	PLM-4P125: 4 channel 4 x 130 W PLM-4P220: 4 channels 4 x 220 W (100 V/70 V/8 Ω/4 Ω)	4-channel amplifier, with a total powerTANK capacity of 600 W	2
20 Hz - 20 kHz (+0/-3 dB)	65 Hz - 20 kHz (+0/-3 dB)	30 Hz - 20 kHz (+0/-3 dB)	FM tuner: 50 Hz - 12 kHz SD/USB player: 50 Hz - 18 kHz
<0.01 %	PLM-4P125 <0.1 % PLM-4P220 <0.03 %	<0.1 %	FM Tuner: <1% SD/USB player : <0.5%
>103 dB	PLM-4P125>101 db PLM-4P220>102 db	>103 db	
4 x Balance line inputs 1 x 4-channel amp-link input 3x Music Call station	4 x Balance line inputs 1 x 4-channel amp-link input	4 x Balance line inputs 1 x 4-channel amp-link input	1 x SD card/USB input 1 x FM tuner 1x Bluetooth (PRM-USTB)
1 x Logic input 1 x Ethernet 1 x Wall Panel iOS device control	1 x Ethernet 1 x Logic input		1x IR remote control
45 x 440 x 358 mm (19 wide, 1RU high)	90 x 440 x 417 mm (19 wide, 2RU high)	44 x 430 x 269 mm (19 wide, 1RU high)	44 x 430 x 250 mm (19 wide, 2RU high)
6 kg (13.23 lb)	PLM-4P125 15 kg (33.07 lb) PLM-4P220 18 kg (39.69 lb)	3.6 kg (7.9 lb)	3.2 kg (7.94 lb)
PLM-8CS Call Station, 8 zones			
PLM-WCP Wall Control Panel, 8 zones			

Bosch Security Systems

To learn more about the Bosch product offering, please visit **[boschsecurity.com](https://www.boschsecurity.com)** or send an e-mail to **emea.securitysystems@bosch.com**

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