

Public Address

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AMPLIFIERS & ACCESSORIES

Whether you need to construct a modern announcement installation or a fully featured multi-zone solution, Plena has the building blocks for you to do so.

PLENA ALL-IN-ONE



The PLENA BGM / Paging System is the versatile All-in-One solution to cover all needs for background music (BGM), making announcements and paging people. This high performance, yet affordable, unit is very easy to install and operate.

- All-in-One solution for background music and paging
- CD Player for audio and MP3 CD/CD-R
- FM / AM Tuner with 15 presets and digital control

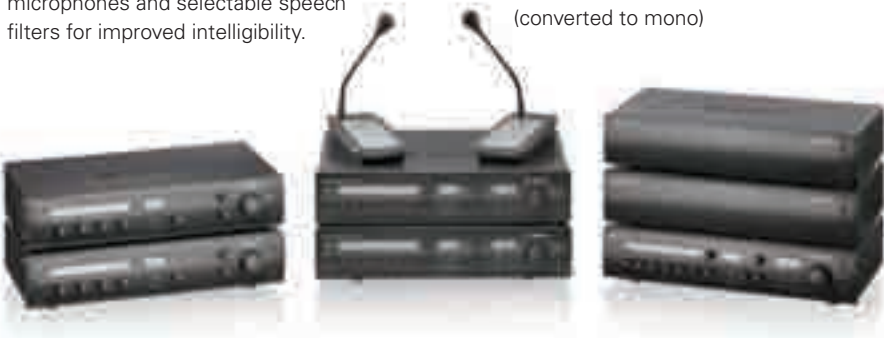
Description	Ref No.	Order No. 9919
Plena All-In-One	PLN-2AIO120	991722

- Dual Zone 120W Mixer Amplifier with volume control per zone
- Selectable priority and VOX switching on microphone input 1
- Optional 2 tone chime to precede announcements

PLENA EASY AMPLIFIERS

The PLENA Mixer Amplifier is a high performance, versatile six microphone/line inputs mono mixer amplifier, capable of fulfilling a wide variety of public address requirements for surprisingly low cost.

All microphone inputs have phantom power supply to provide power to condenser microphones and selectable speech filters for improved intelligibility.



- A wide choice of input connectors are available
- Cat 5 call station input
- Balanced 3-pin XLR and phone jack for microphones
- 100 volt line input
- 5-pin DIN for a priority microphone
- 3-Stereo Cinch for music sources (converted to mono)

Description	Ref No.	Order No. 9919
Plena Mixer Amplifier 30W	PLE-1MA030-EU	991735
Plena Mixer Amplifier 60W	PLE-1MA060-EU	991748
Plena Mixer Amplifier 120W	PLE-1MA120-EU	991751
Plena 2 Zone 120W Mixer Amplifier	PLE-2MA120-EU	991764
Plena 2 Zone 240W Mixer Amplifier	PLE-2MA240-EU	991777
Plena 2 Zone Mixer Pre Amp	PLE-10M2-EU	991780
Plena 6 Zone System Pre Amp	LBB1925/10	991793
Plena Booster Amplifier 120W	PLE1P120-EU	991803
Plena Booster Amplifier 240W	PLE1P240-EU	991816

ACCESSORIES



The PLENA BGM source unit is the ideal high quality source for background music (BGM) in public address systems. The unit comprises a CD-player and a digitally controlled FM/AM tuner in a compact 2" high x 19" wide housing. Typically it is used in shops, supermarkets, restaurants, bars, canteens, gymnasiums, showrooms and other places where BGM creates the right atmosphere.

- Mono source unit for background music
- CD Player for audio and MP3 CD/CD-R
- FM / AM Tuner with 15 presets and digital control
- Simultaneous operation of CD-player and tuner
- Separate outputs and level controls for CD-player and tuner
- Combined CD-player/Tuner output with priority for the CD-player

Description	Ref No.	Order No. 9919
Plena Tuner/CD/MP3 Player	PLN-DVDT	991829

CALL STATIONS & SPEAKERS



PLENA CALL STATIONS

Description	Ref No.	Order No. 9919
Plena 6 Zone Call Station	LBB1946/00	991832
Plena All-Call Station	LBB1941/00	991845

The PLENA call station is a stylish high quality call station with a stable metal base design, a flexible microphone stem and a unidirectional condenser microphone.

It is intended for making calls in a PA system built around the LBB1925/10 system pre-amplifier. Intended for table-top use, the special design allows also allows for neatly flush mounting into desk tops.



PLENA EASY MICROPHONES / CALL STATIONS

Description	Ref No.	Order No. 9919
Plena Table-Top Microphone	LBB1950/10	991858
Plena All-Call, Call Station	PLE-1CS	991861
Plena Two Zone Call Station	PLE-2CS	991874
Plena Wall Panel	PLE-WVP3S2Z-EU	991887



LOUDSPEAKERS

Description	Ref No.	Order No. 9919
Cabinet Loudspeaker 6W (Black)	LB1-UW06-D	991890
Prosound Cabinet Loudspeaker 10W (Grey)	LBC3100/11	991900
Column Loud Speaker 24W (Black)	LA1-UW24-D	991913
Ceiling Loudspeaker 6W ABS Grill	LBC3950/01	991926
Ceiling Loudspeaker 6W Steel Grill	LBC3951/11	991939
Bi-Directional Sound Projector 10W	LP1-BC10-E	991942
Pendant Sphere 10W	LBC3095/15	991955
6" Horn Loudspeaker	LBC3481/12	991968
10"x 6" Horn Loudspeaker 20W	LBC3492/12	991971



Public Address System (Leisure Centre)

Recommended product listing:

Reception	LBB1950/10 PLE-2MA120-EU PLE-1P120-EU or PLE-1P240-EU PLN-DVDT	Microphone Mixer Amp Booster Amp MP3/CD/Tuner
Indoor Sports Hall	LA1-UW24-D	Column Speakers
Changing Rooms	LBC3951/11	Ceiling Speakers
Corridor	LB1-UW06-D	Cabinet Speakers
Bar	LBC3100/11	Prosound Cabinet Speakers
Outdoor Sport Field	LBC3481/12 or LBC3492/12	Horn Speakers

Public Address System (Small Factory)

Recommended product listing:

Reception	PLN-DVDT LBB1925/10	CD-player/tuner 6-Zone System Pre-amplifier
	PLE-1P120-EU PLE-1P240-EU LBB1946/00 LB1-UW06-D	Booster 120W Booster 240W 6-Zone Call Station Cabinet Speakers
Offices	LBB1941/00 or LBB1946/00 LB1-UW06-D	All-Call Station 6-Zone Call Station Cabinet Speakers
Canteen	LBB1950/10 LBC3951/11	Table-top microphone Ceiling Speakers
Production Warehouse	LP1-BC10-E	Sound Projectors

Area of coverage of speakers

Purpose	Height of Ceiling	Distance between Speakers	Area of Coverage of one speaker
Background Music	Less than 2.5m	5m	About 25m ²
	2.5 - 4.5m	6m	About 36m ²
	4.5 - 15m	9m	About 81m ²
Announcement		9 to 12m	81 to 144m ²

For general office used not to include background music, speakers should be arranged about 9 to 12 meters apart. Shown to the left is an example of speaker arrangement in a 30m x 20m office with ceiling height of 3m, which indicates that this office requires about 6 speakers.