

# PLE-2CS Plena Two-zone Call Station

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Invented for life



- ▶ Modern two-zone call station for the PLE series
- ▶ Selectable gain
- ▶ Speech filter and limiter
- ▶ Output level control
- ▶ Loop-through option for up to 8 call stations

The Plena two-zone call station is a modern, high-quality call station with a stable metal base design, a flexible microphone stem and a unidirectional condenser microphone. It can make calls to selected zones in a public address system built with the PLE series two-zone mixer and mixer amplifiers. In addition to tabletop use, the Plena design allows neat flush-mounting in desktops.

## Functions

### Gain, speech filter and intelligibility

This call station features selectable gain, a selectable speech filter, and a limiter for improved intelligibility.

### Range

The call station has a balanced line level output, giving it a maximum range of 200 meters from the mixer, when using CAT-5 extension cables.

### Loop-through

With the loop-through RJ-45 connector, it is possible to daisy chain multiple call stations.

### Priority

The priority is automatic i.e. the call station nearest the mixer has priority and can override a call station further from the mixer. When a call is being made by a higher priority call station, a yellow light will display on the lower priority call stations.

### Dip switches and status

DIP switches at the base of the call station select different microphone gain levels, chimes, and the speech filter. A service accessible rotary control provides microphone level attenuation. LEDs on the call station show which zones have been selected. An additional LED give visible feedback on the active state of the microphone and the system:

- Green flashing means standby (chime is sounding)
- Green indicates microphone active
- Amber indicates a higher priority call

### Controls and indicators

- 2 x status LEDs
- PTT key
- 2 x zone selection keys
- 2 x zone selection LEDs
- DIP switches
- Rotary volume control

**Interconnections**

- 2 x RJ45 jacks

**Certifications and approvals**

Safety	acc. to EN 60065
Immunity	acc. to EN 55103-2
Emission	acc. to EN 55103-1

Region	Certification
Europe	CE

**Parts included**

Quantity	Components
1	PLE-2CS Plena two-zone call station
1	Cable terminated with a lockable CAT-5 connector

**Technical specifications****Electrical**

Voltage range	24 VDC supplied by PLE mixer amplifier or mixer
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Current consumption	<30 mA
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**Performance**

Nominal sensitivity	85 dB SPL (gain preset 0 dB)
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Nominal output level	700 mV
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Input sound level (max)	110 dB SPL
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Gain preset	-15 / 0 / +6 dB
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Limiter threshold	2 V
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Compression ratio limiter	1:20
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Distortion	<0.6% (maximum input)
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Input noise level (equiv.)	25 dB SPLA
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Frequency response	100 Hz to 16 kHz
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Speech filter	-3 dB at 315 Hz, high-pass, 6 dB/oct
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Output impedance	200 ohm
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**Selections**

Chimes	6
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**Mechanical**

Base dimensions (H x W x D) without microphone	40 x 100 x 235 mm (1.57 x 3.97 x 9.25 in)
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Stem length with microphone	390 mm (15.35 in)
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Cable length	5 m (16.4 ft)
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Weight	Approx. 1 kg (2.2 lb)
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Mounting	Standalone
Color	Charcoal with silver

**Environmental**

Operating temperature	-10 °C to +45 °C (14 °F to +113 °F)
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Storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
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Relative humidity	<95%
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**Ordering information****PLE-2CS Plena Two-zone Call Station**

metal base design, a flexible microphone stem with a unidirectional condenser microphone and zone selection

Order number **PLE-2CS**

**Represented by:**

**Americas:**

Bosch Security Systems, Inc.  
12000 Portland Avenue South  
Burnsville MN 55337, USA  
Phone: +1-800-392-3497  
Fax: +1-800-955-6831  
audiosupport@us.bosch.com  
www.boschsecurity.com

**Europe, Middle East, Africa:**

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**

Robert Bosch (SEA) Pte Ltd, Security  
Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

**China:**

Bosch (Shanghai) Security Systems Ltd.  
201 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

**America Latina:**

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
al.securitysystems@bosch.com  
www.boschsecurity.com