Plena All-in-One Call Station

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Invented for life

- Stylish, high-quality six-zone Call Station for the Plena All-in-One System
- Six-zone selection keys with LED indicators, and an 'all-call' key
- Momentary Press To Talk (PTT) key
- Configurable gain, speech filter, limiter, and output level for improved intelligibility
- Configurable attention chime

The Plena All-in-One Call Station is a stylish, high-quality call station that comprises a stable metal base, a flexible microphone stem, and a unidirectional condenser microphone. It has six zone keys and a separate all-call key for easy selection of zones in a Plena All-in-One public address system. A large 'Press To Talk' (PTT) key, with re-dial function, is used to control the call.
In addition to tabletop use, the special design allows the Call Station to be neatly flush-mounted in a desktop. Up to six Call Stations can be connected in a loop-through arrangement to the same All-in-One Unit, with configurable priority.

Functions

The Call Station supports the selection of six zones and has selectable gain, a selectable speech filter, and a limiter for improved intelligibility. The Call Station has a balanced line-level output, which means it can be positioned up to 600 meters from the Plena All-in-One Unit, by using a Cat-5 cable.
Built-in programming modes are used to select the speech filter, the microphone gain settings, and the Call Station ID. A concealed rotary control at the base of the Call Station is used to set the output level attenuation. LEDs on the Call Station show which zones have been selected.
An additional LED gives visible feedback on the active state of the microphone and the system:

- Green flashing indicates that the system is in standby (a chime is sounded)
- Green indicates that the microphone is active
- Amber indicates that the system is occupied by another higher priority call

Controls and indicators

- Power on LED
- Press To Talk (PTT) key
- PTT status LED
- Six zone selection keys
- Six zone selection LEDs
- All-call key
- Concealed rotary volume control

Interconnections

- RJ45 system connector
- RJ45 loop-through connector

Certifications and approvals

Safety	IEC/EN 60065
EMC	EN 55103-1 EN 55103-2 EN 61000-3-2 EN 61000-3-3
Environment	EN 50581
US	UL 60065 FCC Part 15B
CA	CSA C22.2.60065
CN	CCC
AU/NZ	C-Tick

Region	Certification
Europe	CE

Parts included

Quantity	Component
1	All-in-One Call Station
1 m	Cat-5 cable with RJ45 plugs
1	Terminator plug

Technical specifications

Electrical

Power Supply	
Voltage	24 Vdc (24 Vdc supplied by PLN-6AIO240)
Current consumption	<50 mA
Performance	
Nominal acoustic sensitivity	85 dB SPL @ 1 kHz (gain preset 0 dB)
Nominal output level	1 V
Input sound level (max.)	110 dB SPL
Gain preset	
Limiter threshold	1 V
Compression ratio limiter	1:20
Distortion	<2% (maximum input)
Input noise level (equiv.)	25 dBA SPL
Frequency response	100 Hz to 14 kHz +/-6 dB
Speech filter	-3dB @ 315 Hz, high-pass, 6 dB/oct
Output impedance	200 ohm

Selections	
Chimes	1-, 2- or 4-tone chime selected on Call Station

Mechanical

Base dimensions (H x W x D)	55 x 108 x 240 mm (1.57 x 3.97 x 9.25 in)
Weight	Approx. 0.5 kg (1.1 lb)
Mounting	Tabletop
Color	Charcoal with silver
Stem length with microphone	390 mm (15.35 in)
Connection	2 x RJ45, Cat-5, max. length 600 m

Environmental

Operating temperature	-10ºC to +45ºC (14ºF to +113ºF)
Storage temperature	-40ºC to +70ºC (-40ºF to +158ºF)
Relative humidity	<95% (non-condensing)

Ordering information

Plena All-in-One Call Station
Call station for six zones with unidirectional microphone and attention chimes.
Order number **PLN-6CS**

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