Praesideo Call Station Keypad Module

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Invented for life

▶ Eight programmable control inputs linked to 16 outputs

▶ Two serial interfaces to call stations or other keypads

▶ Up to 16 keypads can be connected to one call station

The call station keypad module is used in combination with a basic or remote call station module to make manual or pre-recorded announcements to any assigned zones, or to execute pre-defined actions. It is functionally equivalent to the LBB 4432/00 Call Station Keypad. One of the main applications is the development of fireman's panels. However, since the call station keypad has eight programmable input connections, each with two associated output connections, it is also suited for other control applications.

Functions

The key inputs of the module can be programmed for actions such as:
- Controlling functions: selection recall, call activation, cancel selection, BGM off, BGM volume control, fault acknowledgement, etc.
- Selecting sources: BGM channel, pre-recorded messages, attention and alarm tones
- Selecting destinations: zones and zone groups

Each key input of the module has two functionally related outputs designed to drive a two-color LED, but which can be used for other purposes. Once an control input is used for a specific action, the two outputs will be linked to that action. Call macros can also be assigned to inputs.

The module has interfaces for serial connections to a call station or other keypads. The keypad gets its power from the call station, to which it is connected. The key inputs can be programmed for different modes of operation, such as momentary or toggle.

Interconnections
- Eight control inputs
- 16 control outputs
- Two serial data and power connections

Certifications and approvals

Safety	acc. to IEC 60065 / EN 60065
Immunity	acc. to EN 55103-2
Emissions	acc. to EN 55103-1 / FCC-47 part 15B
Emergency	acc. to EN 60849 , EN 54-16 and ISO7240-16
Maritime	acc. to IEC 60945 (except salt mist test)

Region	Certification	
Europe	CE	COC
	CE	COC
	CE	

Parts included

Quantity	Component
1	PRS-CSKPM Call Station Keypad Module
1	Flat cable
1	Set of connectors

Technical specifications

Electrical

Power consumption	1.2 W (DC) excl. indicators
Control inputs	8 x
Max. current	0.5 mA
Max. voltage	3.3 V (with 10 kohm pull-up)
Control outputs	8 x 2 open collectors
Max. current	100 mA
Max. voltage	30 V

Mechanical

Dimensions (H x W x D)	43 x 183 x 164 mm (1.69 x 7.20 x 6.46 in)
Weight	0.8 kg (1.76 lb)
Mounting	Stackable metal enclosure

Environmental

Operating temperature	-5 ºC to +55 ºC (+23 ºF to +131 ºF)
Storage temperature	-20 ºC to +70 ºC (-4 ºF to +158 ºF)
Humidity	15% to 90%
Air pressure	600 to 1100 hPa

Ordering information

Praesideo Call Station Keypad Module
Module to extend a custom call station with
8 programmable buttons and status indicators, up to
16 keypad kits can be connected to a call station.
Order number **PRS-CSKPM**