

Voice Alarm

Paging Microphones

The paging microphone DCS15 with the paging microphone expansion module, DKM18 allows for the selection of loudspeaker zones, and the transmission of voice announcements.



DCS15 Paging Microphone

Each microphone is connected to the DOM (DigitalOut put module) via the DAL-bus (Didgital Audio Link) via a screened Cat5 cable. All control signals as well all audio signals are transmitted digitally.

Up to 4 paging microphones can be connected to each DOM. Each paging microphone in the system can generate and also receive different voice transmissions and control signals independently.

A paging microphone can be located up to 300m away (which can be increased to 2,000m using fibre optic cable) and can be expanded by up to six paging microphone extension modules DKM18, whereby the total number of available controls increases to 120 per paging microphone station. The paging microphone is permanently monitored. The DCS15 provides a further external audio input and output, which can be used to connect audio devices such as CD players.

Key Features:

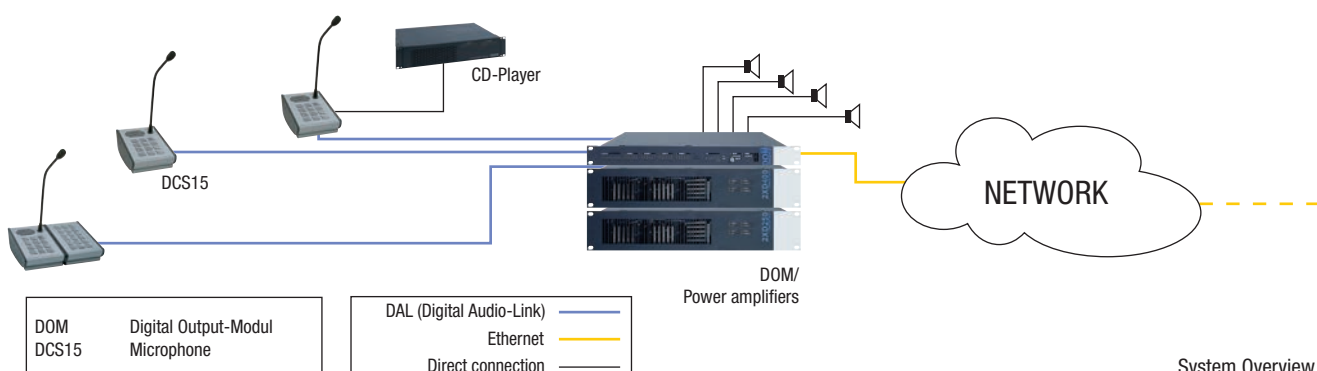
- Cost-effective Cat5 cabling
- Constant monitoring of the microphone and the transmission line to the subsequent interface module
- Built-in loudspeaker for microphone monitoring and playback of messages
- Additional audio input/output (DCS15); for audio devices such as CD players unbalanced input
- Talk-back function with other communication stations via integrated loudspeaker

Options

- A flush fitting kit is available for console mounting of the microphone
- Key covers to protect against accidental operation

Models

- Paging microphone DCS15 with 12 freely configurable keys, 13 LEDs, 1 microphone and 1 loudspeaker, 1 external audio input and 1 external audio output
- Paging microphone extension module DKM18 with 18freely configurable keys, and 18 LEDs



Paging Microphones

D1 DCS15/DCS2 Paging Microphone

Technical Specifications

SPECIFICATION	
DIMENSIONS	
Height	71 mm
Width	123 mm
Depth	180 mm
Weight	Approx. 1.6 kg
Housing colour	
Side parts	Black, similar to RAL 9005
Body	Grey, similar to RAL 7037
MICROPHONE	
Swan-neck	300mm
Frequency range	100-15,000 Hz
LOUDSPEAKER	
Power	1W
AUDIO INPUT	
Nominal level	0 dB
Max. level	+6 dB
Transmission range	20 Hz to 22 kHz
Signal-to-noise ratio	> 95 dB
Harmonic distortion (at the nominal level)	< 0.1 %
AUDIO OUTPUT	
Nominal level	0 dB
Transmission range	20Hz to 22 kHz
Signal-to-noise ratio	>85 dB
Harmonic distortion (at the nominal level)	<0.1%
Output impedance	180 Ohm
GENERAL SPECIFICATION	
Sample rate	48 kHz
AD/DA converter	24 Bit
Max. power consumption	150 mA
ENVIRONMENTAL SPECIFICATIONS	
Ambient temperature during operation	-5 °C to +55 °C
Humidity	15% to 90% relative humidity (non-condensing)

DESCRIPTION	ORDER CODES
Paging microphone DCS15 583301.21	583301.21
Paging microphone extension module DKM18	583306.21
Keyboard cover	583311
Console Mounting set	583312
Fibre optic converter OIM	583316.21
Fibre optic converter DCS	583317.21
Power supply for FO Converter DCS O	583315.02
Key cover Set (12 pcs)	583318

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