

# VARIODYN® D1

## Digital Call Station / Digital Key Module

## DCS15/2 / DKM18

AVD-G11-A301/-A302 / AVD-G01-A306

Product Sheet



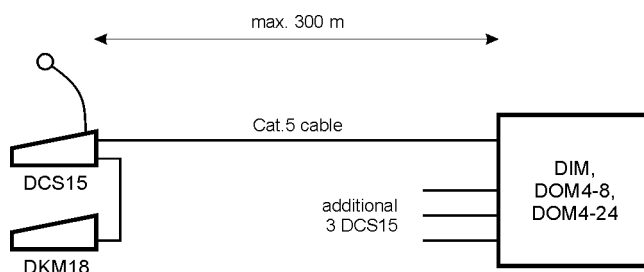
Digital Call Station DCS15 and Digital Key Module DKM18

### Application

The digital call stations DCS15 and DCS2 with the key module DKM18 provide the selection of lines, the overriding of messages and the starting of gongs, alarms, etc. The digital call station can be connected via standard CAT5 cable to the VARIODYN® D1-Module DOM. The CAT5 cable transmits both the audio modulation and the control signals via digital signals along with the 24V d.c. supply from the DOM.

### Components

- Digital Call Station DCS15 with 12 free configurable buttons, 13 LED lamps, 1 microphone and 1 loudspeaker, 1 external audio input and 1 external audio output
- Digital Call Station DCS2 with one free configurable button, 2 LED lamps, 1 microphone and 1 loudspeaker
- Digital Key Module DKM18 with 18 free configurable buttons and 18 LED lamps



Cabling of DCS15, DKM18 and subsequent interface module

### Functional Description

Up to 4 Digital Call Stations can be connected to one DOM. Of course, each of the Digital Call Stations in the system can simultaneously deliver different messages and control signals. The distance between a Digital Call Station and the subsequent interface module can be up to 300m (can be increased to 2000m by usage of optical cabling and interface modules).

Each Digital Call Station can be expanded with up to 6 Digital Key Modules DKM18, so the total amount of keys / LED lamps can reach as far as 120 / 120.

The acoustic function of the microphone in the Digital Call Station is permanently monitored. The DCS15 is providing one auxiliary audio input and one auxiliary audio output, which can be used for connecting CD players, tape recorders or similar external audio devices.

One piece of CAT5 cable (length: 3m) for connecting the Digital Call Station to a Wall Connection Box is included.

### Options:

- The Digital Call Station and Key Module can be mounted inside a desk at surface-level, for which one Surface Mounting Kit per unit is necessary.
- A transparent Key Cover Flap is available which prevents keys from unintentional pressing. The protected keys can only be pressed after lifting the cover flap. Any 3 horizontally aligned keys on a Digital Call Station or Key Module can be protected by one Key Cover Flap.

### Features

- Compliant to IEC 60849 / VDE 0828 / BS 7443
- Cost efficient standard CAT5 cabling
- Audio transmission according to the digital "Studio Standard" AES/EBU format
- Electret goose-neck microphone with cardioid characteristic
- Permanent supervision of the acoustic function of the microphone and of the line to the subsequent interface module
- Full frequency range loudspeaker for microphone supervision, monitoring of (pre-recorded) messages, and for intercom
- AD/DA converter: 24 Bit
- Sampling rate: 48kHz
- Peak Limiter
- Auxiliary audio input and output (DCS15)

### Technical Data

Colour	
Side panels	RAL9005
Central housing	RAL7037
Dimension (HxWxD)	71x123x180 mm
Weight	approx. 1.6 kg

### Ordering Data

	Order No.
Digital Call Station DCS15	AVD-G11-A301
Digital Call Station DCS2	AVD-G11-A302
Digital Key Module DKM18	AVD-G01-A306
Key Cover Flap	AVD-G01-A311
Surface Mounting Kit	AVD-G01-A312
FO Converter in the cabinet	AVD-G01-A313
FO Converter near the Call Station	AVD-G01-A314
Wall Connection Box AB	L98109-W9210-X1