

583331.21

Universal Interface Module UIM



**Features**

- Conforms to IEC 60849/VDE 0828
- Two analog floating audio inputs/outputs
- 48 contacts as inputs and/or outputs, freely programmable
- Digital Audio Link (DAL) to DOM
- Connection of diverse disciplines possible via UIM

**Approval: VdS**

**Part of EN54-16 approval 0786-CPD-20997**

The Universal Interface Module UIM serves as an interface module of the VARIODYN D1 public address systems, connecting two analog audio inputs, two analog audio outputs as well as 48 control contacts. Monitoring for short circuiting and interruptions can be activated for eight control contacts.

The UIM can be connected to the VARIODYN D1 DOM module via the DAL databus.

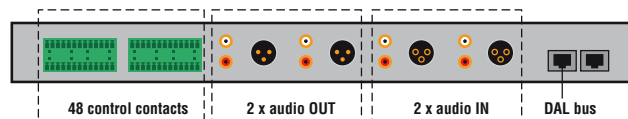
The UIM digitalizes two analog audio inputs, from for example a CD player, security system, etc., and transfers the digitalized audio data to the VARIODYN D1 DOM module via the DAL databus. Two outputs are available as analog audio sources in order for example to forward all played messages to an external device. The 48 contacts can be configured as either contact inputs or outputs. Thus the public address system can be controlled externally and information regarding the status of the public address system can be made available.

**Technical Data**

<b>Audio output:</b>	
Nominal level	0 dBu
Transmission range	20 ... 22000 Hz
Harmonic distortion at nominal level	< 0.05 %
Output impedance	200 Ω / 200 Ω (XLR / Cinch, potential free)
<b>Audioinput:</b>	
Nominal level	0 dBu
Transmission range	20 ... 22000 Hz
Harmonic distortion at nominal level	< 0.05 %
Load impedance	100 kΩ / 1 kΩ (XLR / Cinch, potentialfrei)
<b>Common technical data:</b>	
Current consumption @ 24 V DC	< 150 mA
Inputs	max. 36 V DC
Outputs	36 V DC/50 mA
Ambient temperature	-5 °C ... 55 °C
Air humidity	15 % ... 90 % (non-condensing)
Weight	approx. 3.6 kg
Dimensions	W: 483 mm H: 44 mm D: 345 mm (1 HE, 19")

**Accessories**

- 583401.21 Control Cable 12 for UIM
- 583481 CAT5 patch cable, 1 m blue (DAL)
- 583482 CAT5 patch cable, 2 m blue (DAL)
- 583483 CAT5 patch cable, 3 m blue (DAL)
- 583703 Mounting kit 1



UIM rear view and front view