

# VARIODYN® D1 Universal Interface Module

**UIM**

AVD-G11-A331

**Product Sheet**



## Application

The Universal Interface Module UIM is used as the interface to components outside of the VARIODYN® D1 system.

An UIM can be connected to the VARIODYN® D1-Module DOM.

## Function

The UIM digitizes two analogue audio inputs for instance from a CD-Player, emergency or alarm message system etc. Furthermore two analogue audio outputs are available for instance for recording to tape.

The 48 contacts may be defined as input or output contacts to allow the PA-system to be controlled externally and to offer the status of the system.

## Connections

- Two analogue potential-free audio inputs:  
on the XLR-sockets balanced,  
on the RCA-sockets unbalanced  
(Stereo signal is mixed to mono signal)
- Two analogue potential free audio outputs:  
on the XLR-sockets balanced,  
on the RCA-sockets unbalanced
- Up to 48 potential based input and output contacts Digital Audio Link (DAL) to DOM.

## Displays

One green POWER and one red ERROR-LED. 4 green LEDs indicating audio signals on each of the analogue audio connectors. The brightness of the latter is proportional to the signal level for advanced optical indication.

## Technical Data

<b>Audio inputs:</b>	
Nominal level	0 dBu
Max. level	+6 dBu
Frequency range	40 Hz bis 22 kHz
Signal to Noise Ratio	>95 dB
THD (at nominal level)	<0,05 %
<b>Mono signal (XLR)</b>	
Type	balanced potential free
Input Impedance	100 kOhm
<b>Stereo signal (RCA)</b>	
Type	balanced potential free
Input Impedance	1 kOhm
<b>Audio outputs:</b>	
Nominal level	0 dBu
Frequency range	40 Hz to 22 kHz
Signal to Noise Ratio	>85 dB
THD (at nominal load)	<0,05 %
Output Impedance	200 Ohm
<b>XLR-socket:</b>	
Typ	symmetrical potential free
<b>RCA-socket:</b>	
Typ	asymmetrical potential free
<b>Control terminals:</b>	
<b>Input terminal:</b>	
max. input voltage	max. +36 V
Input voltage log. 0	>8,5 V
Input voltage log. 1	<7,5 V
Input impedance	47,5 kΩ
<b>Output terminal:</b>	
max. external voltage	max. +36 V
Current per output	max. 50 mA
Short circuit resistance against +24V	1 s
Ambient temperature range	-5° C to +55° C
Relative humidity	15 % to 90 %
Dimensions (HxWxD)	1 HU, 19", 345 mm
Weight	approx. 3,6 kg

## Ordering Data

	Order No.
Universal Interface Module UIM	AVD-G11-A331
Patch Cable Cat5 blue, 1m (DAL)	AVD-G11-A481
Patch Cable Cat5 blue, 2m (DAL)	AVD-G11-A482
Patch Cable Cat5 blue, 3m (DAL)	AVD-G11-A483
Mounting set 1	AVD-G11-A703