

## Voice Alarm

# Universal Interface Module (UIM)



The Universal Interface Module (UIM) serves as an interface module for the Honeywell Voice Alarm and Public Address system, connecting two analogue audio inputs, two analogue audio outputs as well as 48 control contacts.

### Universal Interface Module (UIM)

The UIM is connected to the Honeywell VA DOM via the digital audio link (DAL). Eight of the contacts are monitored for short/open circuit.

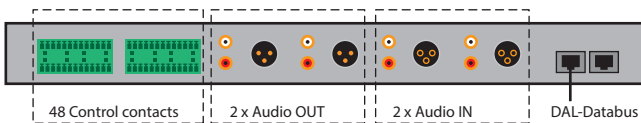
The UIM converts two analogue audio inputs to digital for connection of a CD player or security system and transfers the signal to the DOM via the DAL connection.

Two analogue audio outputs are provided to connect to other equipment such as an audio loop or a third party PA/VA System.

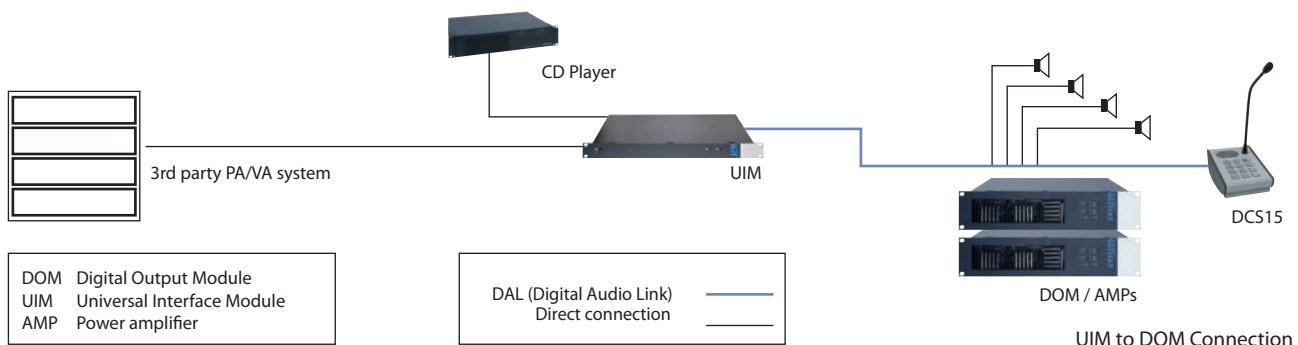
The 48 contacts can be configured as either contact inputs or outputs. In this way, the voice alarm system can be controlled externally, and provide information as to the status of the system.

### Key Features:

- Two analogue audio inputs / outputs
- 48 contacts as freely programmable inputs and outputs / 8 inputs can be monitored
- Digital Audio Link (DAL) to DOM
- 19" mountable unit
- Facilitates connection to a wide range of audio sources



rear and front view UIM



UIM to DOM Connection

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### Technical Specifications

SPECIFICATION	
<b>DIMENSIONS</b>	
Height	44 mm
Width	483 mm
Depth	345 mm / 1 HE, 19"
Weight	Approx. 3.6 kg
Housing colour	Grey, similar to RAL 7016
<b>AUDIO INPUTS</b>	
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)	< 0.05 %
Input impedance XLR-socket	100 k $\Omega$ , symmetric floating output
Output impedance Cinch-socket	1k $\Omega$ , asymmetric floating output
<b>AUDIO OUTPUTS</b>	
Nominal level	0 dB
Transmission range	20 Hz to 22 kHz
Signal-to-noise ratio	> 85 dB
Harmonic distortion (at the nominal level)	< 0.05 %
Output impedance XLR-socket	200 $\Omega$ , symmetric floating output
Output impedance Cinch-socket	200 $\Omega$ , asymmetric floating output
<b>CONTROL CONTACTS - INPUT</b>	
Max. input voltage	+36 V DC
<b>CONTROL CONTACTS - OUTPUT</b>	
Contact rating	36 V DC/50 mA
Short-circuit-proof against +24 V	1 s
<b>ENVIRONMENTAL SPECIFICATIONS</b>	
Ambient temperature	-5 °C to +55 °C
Humidity	15% to 90% relative humidity (non-condensing)

DESCRIPTION	ORDER CODES
Universal Interface Module UIM	583331.21

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