Honeywell D1 Universal Interface Module

UIM

The Universal Interface Module (UIM) serves as an interface module for the Honeywell D1 VA/PA system, featuring two analogue audio inputs, two analogue audio outputs as well as 48 control contacts.

The UIM is connected to the Honeywell D1 VA/PA Digital Output Module (DOM) via the digital audio line bus (DAL). Eight of the contacts are monitored for short/open circuit.

The UIM converts two analogue audio inputs to digital for connection of a multimedia 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. 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.

FEATURES

- Two analogue audio inputs / outputs
- 48 contacts as freely programmable inputs and outputs / 8 inputs can be monitored
- Digital Audio Line (DAL) connection to DOM
- 19" U mountable unit
- Facilitates connection to a wide range of audio sources
### Universal Interface Module Technical Specifications

#### DIMENSIONS
- **Height**: 44 mm (1 U)
- **Width**: 483 mm
- **Depth**: 345 mm
- **Weight**: 3.6 kg
- **Housing Colour**: Grey, similar to RAL 7016

#### AUDIO INPUTS
- **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 kΩ, symmetric floating output

#### AUDIO OUTPUTS
- **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 Ω, symmetric floating output
- **Output Impedance Phono-Socket**: 200 Ω, asymmetric floating output

#### CONTROL CONTACTS - INPUT
- **Max. Input Voltage**: +36 V DC

#### CONTROL CONTACTS - OUTPUT
- **Contact Rating**: 36 V DC/50 mA
- **Short-Circuit-Proof Against +24 V**: 1 s

#### ENVIRONMENTAL SPECIFICATIONS
- **Ambient Temperature**: -5 °C to +55 °C
- **Humidity**: 15% to 90% relative humidity (non-condensing)

### PRODUCT ORDER CODES

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Honeywell reserves the right, without notification, to make changes in product design or specifications.

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