

# UNIVERSAL AUDIO INTERFACE



The Jacques Universal Audio Interface (UAI) provides a means to integrate the 650 series VoIP integrated communication system with the 550 series integrated intercom and PA system. It is ideal for installations where a Jacques 550 series intercom and PA system has been commissioned,

and needs expanding or upgrading. The unit can also interface between the 650 series VoIP integrated communications system and an analogue audio device. Jacques software configurations enable the UAI to be used as a radio interface, PA controller, relay controller and streaming audio converter.

## FEATURES:

- Balanced audio input and balanced audio output
- Single ended, AC – coupled audio output, for RCA type connections
- 2 relay outputs each with change over contacts
- RS-485 control port for 550/650 series system integration
- Power via either Ethernet (PoE) or separate power input connector
- LED indicators for troubleshooting
- Flexible mounting options (shelf, wall, 19" rack card frame, DIN rail)
- Available as box (UAI-3B1) or eurocard version (UAI-3E1)

## APPLICATIONS:

- 550 / 650 gateway
- 650 series PA controller
- Streaming audio converter
- Radio interface
- Relay controller

## SPECIFICATIONS\*:

### UAI-3B1 - Extruded aluminium black anodised box

Dimensions: (103 x 30.5 x 168) mm  
without terminating connectors  
Weight: 0.35 kg

### UAI-3E1 - 3U Eurocard, powder coated

Dimensions: (30.5 x 129 x 179) mm  
Weight: 0.15 kg

Power Source: (12 - 32) V d.c. (24 V d.c. nominal)  
Power Consumption: 2.5 W

Audio Characteristics VoIP to Audio Outputs  
Output Freq. Resp.(-3dB): 50 Hz - 7 kHz  
Max. Load: 600 Ω

### Relays & Indicators

No. of Relays: 2  
Power LED: Input power indication  
+5V LED: Internal JEM-2 Power  
Status LED: Indication of VoIP call state  
TX & RX LEDs: Indication of RS-485 data  
LAN Link LED: Indication of Ethernet connection

### Audio input to VoIP

Input Freq. Resp.(-3dB): 50 Hz - 7.1 kHz  
Input Impedance: 50 kΩ  
Ethernet Cabling: CAT5, 5e, 6 UTP

\*All specifications subject to change without notice

## ORDERING INFORMATION

### Contact a Jacques Sales Representative:

**Phone:** +61 7 3844 1103 for your sales quote  
**Email:** [sales@jacques.com.au](mailto:sales@jacques.com.au)  
**Online:** Coming soon, the Jacques Online Shop

[www.jacques.com.au](http://www.jacques.com.au)

**UAI 3B1 Order Number - 51196**

**UAI 3E1 Order Number - 51195**

 **JACQUES**  
Future Proof Communications

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UAI-3B1 front



UAI-3B1 rear

