

# Architectural & Engineering Specifications

## UAPg2 – Digital Audio Matrix

### UAPg2 – Digital Audio Processor

The unit shall be an Ateis UK UAP G2 or equal and approved. The unit shall comprise a steel rackmountable case with all connections on the rear panel.

The front panel shall include programmable control knobs, signal input and output LED indicators for each audio channel, a standby power control and RS232 data indication.

The unit hardware shall provide eight balanced audio inputs and eight balanced audio outputs plus a fully configurable DSP engine.

The DSP engine shall allow the unit to be configured to act as practically any combination of high quality audio processors, and shall be capable of stand-alone operation following configuration.

Facilities shall be included to link multiple units in order to increase the quantities of available audio inputs and outputs.

It shall be possible to control the unit from remote locations or equipment, and the configuration software tool shall include options to produce custom screen layouts complete with real time controls and indicators.

The unit shall be powered from either AC and/or DC sources, and each input can be programmed to include phantom power.

#### The unit shall provide the following:

1U 19" Case  
431W x 44H x 240D mm

RAL7016  
Forced air cooling  
Side mounted internal fan  
8 Programmable rotary front panel knobs  
RS232 Port  
9 Way D connector  
Third party control  
RS485 Port  
Screw terminal Euro-Block plug  
Remote controllers and paging microphones  
TCP/IP Ethernet port  
RJ45 with status LEDs  
PC Control  
Configuration  
System link In and Out ports  
RJ45 with status LED  
Link up to 12 UAPG2 units  
12 Audio channels at 48kHz  
6 Audio channels at 96kHz  
AC Power Supply  
100V - 240V  
50Hz - 60Hz  
Rear panel power switch  
IEC connector  
DC Power Supply  
21V - 28V  
DC present status relay  
Screw terminal Euro-Block plug  
Power Consumption  
40VA operating  
10VA standby  
Flexible Analogue Audio Input/Output  
Options  
16 Audio outputs  
4 Audio inputs plus 12 audio outputs  
8 Audio inputs plus 8 audio outputs  
12 Audio inputs plus 4 audio outputs  
16 Audio inputs

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AESEBU Digital input options  
AESEBU Digital output options  
Analogue Audio Inputs  
10K Ohm balanced  
Programmable sensitivity 0dB, -12dB, -24dB,  
-40dB, -54dB +15dBu

### IMPORTANT

Specifications are subject to change without  
prior notice. More information can be found at  
the website: [www.ateis.co.uk](http://www.ateis.co.uk).

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