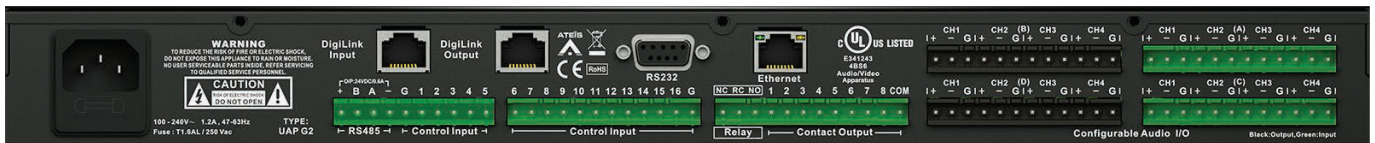




UAP G2

UNIVERSAL AUDIO PROCESSOR GENERATION 2



Designed for small to medium installations, the UAP G2 is a highly versatile drag and drop DSP audio processor. Hardware systems configuration is highly flexible in blocks of 4 for 4 in / 12 out, 8 in / 8 out etc. configurations. Up to 12 UAP G2 units can be networked together for I/O expansion.

8 front panel knobs can be programmed to map to any functions within the DSP library and can be scaled to match the requirements of the project. Up to 53 minutes of audio storage is built-in (16kHz, 16 bits) and audio files can be activated via a built-in scheduler, any of 16 resident TTL inputs, or via an end user GUI interface custom built for each application.

The PC-based UAP G2 system software provides all the necessary tools to setup, configure, control and monitor the entire system. Third Party control systems such as Crestron, AMX, Vity etc. can also control the UAP G2 either via RS232 or IP commands. A variety of accessories, including low cost analog controllers (RAC), digital controllers (URC), and various paging and control microphones (PPM-SP/P-PM-IT5) are available.

MAIN CHARACTERISTICS

- 4 audio card slots allowing up to 16 analogue inputs/outputs (in groups of 4)
- Configuration via PC/Laptop
- Programmable, scalable front panel knobs for DSP functions
- Third Party control via RS232 or IP commands
- Full DSP drag and drop component library
- Up to 53 minute build-in message storage
- 16 built-in TTL inputs and 8 logic outputs
- Stack up to 12 units
- CE and UL listed
- 5 year warranty

ACCESSORIES



URC
Programmable remote controller (RS485)



URC-200
Programmable remote controller (TCP/IP)



ANM
Sensing microphone



RAC 5 / RAC 8
5/8 Steps Level and Source Selector (Available for EU & US type)



PPM-SP / PPM-SPWJB / PPM-KP
Programmable Paging Console



PPM-IT5
Programmable Paging Console with Color Touch Screen

**ATEIS**[®]

UAP G2

UNIVERSAL AUDIO PROCESSOR GENERATION 2

DRAG N DROP DSP COMPONENTS

- ▶ Delays: 5 ms to 2000 ms
- ▶ Dynamics: AGC (mono and stereo), Automatic Noise Sensing, Compressor, Comp-limiter, Expander (mono and stereo), Ducker (mono and stereo), Mono and Stereo Gate, Voice Gate, Gate with Sidechain.
- ▶ Equalizers: Mono and Stereo GEQ (1 Octave, 2/3 Octave, 1/3 Octave), Mono and Stereo PEQ (2, 4, 6, 8, 10, 16 bands).
- ▶ Feedback Cancellation: Dynamic Feedback cancellation 1/5, 1/10, 1/20, and 1/100 Octave with 4, 8, 12, or 16 bands.
- ▶ Inverter
- ▶ Level Controls: 1 x 1, 4 x 4, 8 x 8, 16 x 16.
- ▶ Local Echo Suppression Module.
- ▶ Logic: AND, NOT, OR, NOR gates with Net Input/Output for network applications.
- ▶ Meters: 1 CH, 4 CH, 8 CH, 16 CH Peak/RMS meters.
- ▶ Message Repeater: Up to 53 minutes of audio can be stored inside the box and output 2 separate messages simultaneously to independent zones. Messages can be activated using TTL inputs or via the built-in Scheduler.
- ▶ Mixers: Automixers, Automixers with Mix Minus, Matrix Mixers, Standard Mixers, and Room Combiner.
- ▶ Noise Generator – White, Pink, Tone.
- ▶ Page Control Module: or zone paging applications.
- ▶ Selectors: 4 x 1, 5 x 1, 6 x 1, 7 x 1, 8 x 1, 16 x 1, 32 x 1 for use with Third Party control or ATEIS RAC, URC remote controllers.
- ▶ Custom Components: Build your own program within the program and password protect it.

HARDWARE COMPONENTS

- ▶ Main Frame – 4 slots for input/output cards, 16 TTL/Analog Inputs, 8 TTL Outputs, RS485, RS232 Port, Ethernet Port.
- ▶ Input Card – 4 Channels with individual Bypass, Mute, Sensitivity Select, Phantom Power, Mute, RTO (route to output), VU Meter, Signal Present, Level Control and adjustable Overload Threshold.
- ▶ Output Card – 4 Channels with individual Overload Indicator, Mute, Meter, Signal Present, Level Control, and adjustable Overload Threshold.
- ▶ Input/Output Card (with 2 Inputs and 2 Outputs) - individual Overload Indicator, Mute, Meter, Signal Present, Level Control, and adjustable Overload Threshold.

SPECIFICATIONS

Frequency response	20Hz - 20kHz @ 4dBu (±0.6dB)
Dynamic range	>105dB
Maximum gain	66dB
Crosstalk	Line < -78dB, Mic < -73dB
Output impedance	200ohms
Input impedance:	8kohms
Maximum output:	24dBu
Maximum input	24dBu
Phantom power	48VDC
Input gain range	0 to 54dB
Sampling rate	48kHz or 96kHz (selectable)
A/D D/A converters	24 bit

MECHANICAL

Dimensions (W x H x D)	432 x 44 x 245mm (17 x 1.7 x 9.3")
Weight	3.5kg (7.7lbs)
Mounting	19" 2U rack
Colour	RAL7016

Penton UK Ltd.

Unit 2, Teville Industrials, Dominion Way, Worthing, West Sussex, BN14 8NW, UK

+44 (0)1903 215315 • sales@pentonuk.co.uk • www.pentonuk.co.uk

www.pentonuk.co.uk



BY