Ariane encore | AUDIO LEVELLER

Double award winning 'Ariane' rules when it comes to transparent RMS levelling.

For most radio engineers, the Ariane needs no introduction. It pre-processes and brings less capable broaadcast boxes to life, or it protects an STL - or is a standalone streaming processor.

The transparent sound is well known about, mainly from the sophisticated IDR window gating technology which effectively puts this processor into a state of frozen activity for 90% of operation. It reacts occasionally, quickly and then goes to sleep. Has to be heard to be believed. Hearing is believing.

Why you'll never regret choosing the Ariane encore.

- **Ariane RMS audio levelling keeps your audio loud,** free from pumping, and with a touch of stereo enhancement if required. This award winning AGC will rock your audio.

- **A unique dynamic release window gating system freezes gain control** for 90% of the time, offering fast responding but impossible to 'hear in operation' audio control.

- **Multi-mode operation provides flexibility,** with the Sum and difference mode offering controllable stereo enhancment, and multi-path reduction for FM radio stations.

- **Plan B Silence Detection and Source Switching** automatically reverts to auxiliary audio sources or on-board flash memory, keeping your broadcast on air.

- **HTML5, FTP, Telnet, SNMP & RS232 Remote Control with IP streaming** allows you to monitor and control your processor from anywhere in the world. Even listen in over an IP connection.

- **A flexible and versatile action and alerts system** brings together back panel GPIO at digital and analogue levels of your choosing, integrating it with an easy to set up 'do this when' and 'do this now' set of actions.

SPECIFICATION

PROCESSING

AGC	4 band stereo or sum & difference
Protection limiter	Dual band look-ahead
Crossover	4 band adjustable

ANALOG INPUT

	+4 dBu
Nom. input level	+24 dBu
Max input level	XLR balanced EMI surpressed
Connectors	24 bit
A/D conversion	<0.01%

ANALOG OUTPUT

Analog output	0-24 dBu adjustable
Connectors	XLR balanced EMI surpressed
D/A conversion	24 bit

DIGITAL INPUT (AES/EBU)

Sampling rate	32-192 kHz (MPX over AES ready)
Connector	XLR balanced EMI surpressed
Nominal input level	-20 dBfs

DIGITAL OUTPUT (AES/EBU)

Sampling rate	32-192 kHz (MPX over AES ready)
Connector	XLR balanced EMI surpressed
Level	-32 - 0 dBfs adjustable

Remote Control

Connectors	Serial, USB A, USB B, RJ45
Protocols	HTTP (browse, mobile, API), SNMP, TELNET, FTP, SMTP, RS232

OTHER

Power	90 - 260 VAC, 50/60Hz, 25W IEC connector
Environmental	-20°C - 50°C / 0-90% RH, non-condensing
Size (inch)	19" W x 1.73" H x 9.84" D
Size (mm)	44mm x 482mm x 200mm
Weight	1.6 Kg
Warranty	**10 year limited warranty**