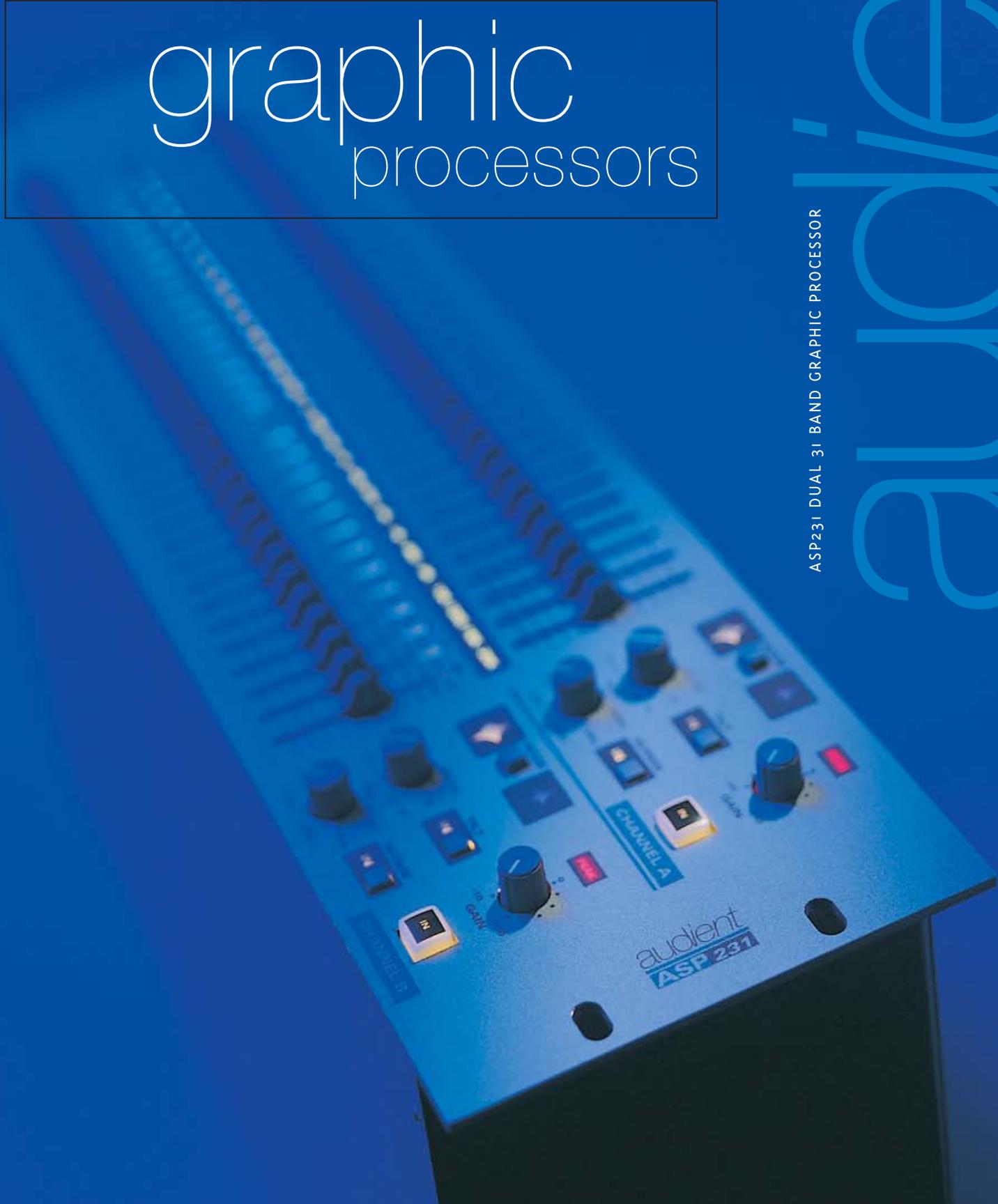


# graphic processors

ASP231 DUAL 31 BAND GRAPHIC PROCESSOR

# audient

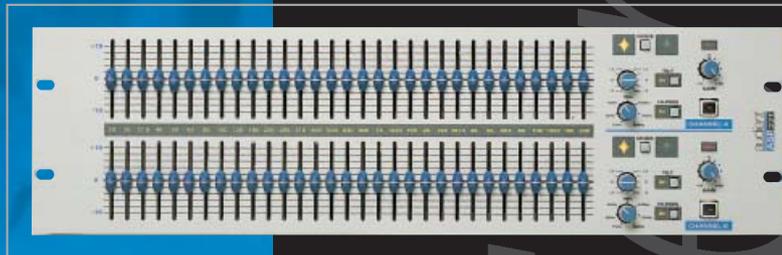


# Better and Smarter

Graphic Equalisers have become an indispensable tool for system alignment and optimisation. In contrast to the advances in live sound technologies in many areas, the performance and functionality of 'graphic equalisers' has remained largely unchanged for the last 15 years. Scores of manufacturers have released 'me-too' products giving little thought to whether the old 'recipe' was still valid.

The ASP231 Graphic Processor has been designed from a fresh perspective.

The performance design targets were set after careful research and analysis of current market expectations and demands.



# inspiring

# confidence

## Attention to detail

ASP231 features include:

- Optimised constant-Q filters for superior sonic performance.
- Switchable high-Q mode affecting cuts only, allowing simultaneous room-sweetening boosts and narrow feedback-fighting cuts.
- Back-lit display of all parameters and functions for low-light operation.
- Proprietary "Tilt" control provides overall system low-to-high tuning centred on 1kHz for rapid system balance adjustments while maintaining relative filter settings.
- Continuously variable Hi-Pass filter on each input.
- Advanced high CMRR input and high current output topologies.
- Long-throw 45mm faders for precise control.
- Automatic power fail bypass.
- XLR and Klippon/Phoenix connectors for a variety of touring as well as permanently installed applications.

## Specifications

**Inputs** Electronically balanced enhanced CMR

|                       |                  |
|-----------------------|------------------|
| Impedance             | >10k ohms        |
| Maximum input         | +22dBu           |
| Common mode rejection | >70dB 10Hz-22kHz |
| Gain adjust           | +/- 10dB         |

**Outputs** Electronically balanced high current

|                |  |
|----------------|--|
| Impedance      | <50 ohms   |
| Maximum output | +22dBu into loads >600 ohms<br>+20dBu into loads >200 ohms |

**System Specifications** (EQ in & flat)

|                     |  |
|---------------------|--|
| Frequency response  | +/-0.3dB 10Hz-22kHz                                |
| Distortion at +4dBu | <0.005% 10Hz - 22kHz<br>(Typically 0.003% at 1kHz) |
| System noise        | <-92dBu 20Hz - 22kHz                               |
| Channel separation  | >80dB at 1kHz                                      |

**Equaliser section**

|                   |   |
|-------------------|---|
| Equaliser filters | 31 multiple feedback constant Q<br>Nominal boost/cut: +/-10dB |
| Hi-pass filter    | 12dB/octave Butterworth<br>Sweepable 15Hz to 250Hz            |

**Power**

|             |                             |
|-------------|-----------------------------|
| Voltage     | Selectable 230V/115V +/-10% |
|             | 50/60Hz                     |
| Consumption | 40VA                        |

**Dimensions**

482 x 132 x 233mm

**Weight**

|       |          |
|-------|----------|
| Nett  | Shipping |
| 3.8kg | 5.4kg    |

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