

Allen & Heath's stereo 21 SERIES



Packed with innovative features, this value-for-money range of quality stereo mixers is ideal for 'on the road' PA systems, club installations, stereo recording, audio-visual production and community broadcasting.

Allen and Heath's exciting range of compact stereo mixers – the **21 SERIES**. Stylish in looks and superb in performance, these four models offer outstanding value for money.

Available in 6, 12, 18 and 24 input versions, the **21 SERIES** boasts the useful feature of a separate mono output.

Extensive interface facilities ensure accurate compatibility with external equipment and enable two or more mixers to be linked together as one system.



Construction:

Steel main panel and covers, hard stove enamel paint, finished with epoxy ink screenprinted legend. Semi-modular electronic printed circuit assemblies. IC op-amp and discrete transistor audio system of transformerless design.

AUDIO QUALITY

Advanced low-noise circuitry boasts a high slew rate of $13\text{v}/\mu\text{s}$, permitting faithful reproduction of transient information. Each mixer is supplied complete with its own external power supply to ensure that hum fields are kept to a minimum. Phantom power is available as an optional extra. As the comprehensive PFL system overrides all monitor outputs and metering, easy checks may be made on all incoming and outgoing signals.

PRO and SEMI-PRO CAPABILITY

21 SERIES mixers are supplied with outputs set for $0\text{VU} = +4\text{dBm}$, but internal links are provided so that outputs and tape monitor inputs can be adjusted by the user (or the dealer) to ensure compatibility with equipment designed for lower operating levels. A thoughtful facility that will make life a lot easier for the small budget studio.

INPUT CHANNEL FEATURES

- Electronically-balanced transformerless microphone input on XLR socket, switchable to a high impedance balanced line input when required.
- Effects insertion point that can also be used as a line level input or as a spare effects send.
- 20dB pad switch.
- 3-Band equaliser with mid-frequency sweep from 400Hz to 6kHz.
- Pre-fade cue send and post-fade echo send.
- Channel pan pot and PFL selector.
- LED peak overload indicator and smooth travel, long throw fader, providing a high degree of operator control.

MONO OUTPUT

Invaluable as an extra on-stage foldback mix or as a feed to a mono PA system, permitting the main

stereo faders to be used as sub-groups or outputs to a stereo recorder. This feature will be of particular interest to the AV or broadcast user who may need a dedicated mono output for simultaneous video recording, or mono transmission.

MONITOR FACILITIES

The two independently-controlled stereo outputs to headphone and monitor amplifier can be switched to mono. An off-tape return from a stereo recorder may also be selected, enabling A/B monitoring during recording.

OUTPUT SECTION FEATURES

- Twin illuminated VU meters with associated PFL override LED indicator. Meters follow level-match adjusters for accurate monitoring of mixer outputs or off-tape signals.
- Two echo returns, each with level and pan to stereo outputs, PFL facility for checking quality of effects returns, and cue send to enable foldback of FX signals.
- Cue and echo send returns, both with PFL to check signal levels feeding foldback amps or FX devices.
- Main left, right and mono long-throw output faders, all featuring PFL selectors to facilitate quality checks, locking XLR connectors provided for all main outputs with stereo signals duplicated on $\frac{1}{4}$ " phone jacks for cascading purposes.

PLUGABILITY

Rear panel sockets provide bus access points for stereo and mono outputs, cue and echo sends, and the PFL system. Thus, two or more 21 SERIES mixers may be conveniently linked for single operation, greatly increasing the input potential and all-round flexibility of this new range.



