

Allen & Heath's new stereo 21 SERIES

Allen & Heath proudly unveil their exciting new range of compact stereo mixers – the 21 SERIES. Stylish in looks and superb in performance, these three babies offer outstanding value for money.

Available in 6, 12 and 18 input versions, the 21 SERIES boasts the useful feature of a separate mono output derived from the main stereo mix.

Another Plus is the incorporation of an extensive interface facility to ensure accurate compatibility with external equipment, and enables two or more mixers to be linked together for single flexible operation. A separate power supply unit keeps nasty hum fields at bay, letting the sound come through clean and clear.

The 21 SERIES Stereo Mixers by Allen & Heath are available now.

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A&H 21 SERIES

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

AUDIO QUALITY

Advanced low-noise circuitry boasts a high slew rate of 13 v/uS, 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.

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.

PRO AND SEMI-PRO CAPABILITY

21 SERIES mixers are supplied with outputs set for 0VU = +4dBm, but external 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. All-steel construction provides strength and good electrical screening.

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.

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.

OUTPUT SECTION FEATURES

- * Twin illuminated VU meters with associated PFL override LED indicator.
- * Two echo returns, each with PFL, cue send, level and Pan.
- * Cue and echo send masters, both with PFL.
- * Main Left and Right outputs and mono output on XLR sockets (all featuring PFL selectors).

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.

TECHNICAL SPECIFICATION

MIC INPUT +20dB to +60dB (PAD -20dB) 1.5kohm

Equivalent Input Noise -125.5 dBm

LINE INPUT -5dB to +35dB (PAD -12dB) 10kohm

(Further 10dB gain available at fader)

EQUALISATION HF 10kHz (shelving) \pm 15dB

MF 400Hz - 6kHz (Q = 1.4) \pm 13dB

LF 100Hz (shelving) \pm 15dB

HARMONIC DISTORTION typically <0.05%

OUTPUT Unbalanced 30 ohm source impedance

Recommended load greater than 2kohm

Maximum output +2ldBv

DIMENSIONS Model 621 458x475x100 Model 1221

674x475x100 Model 1821 891x475x100

