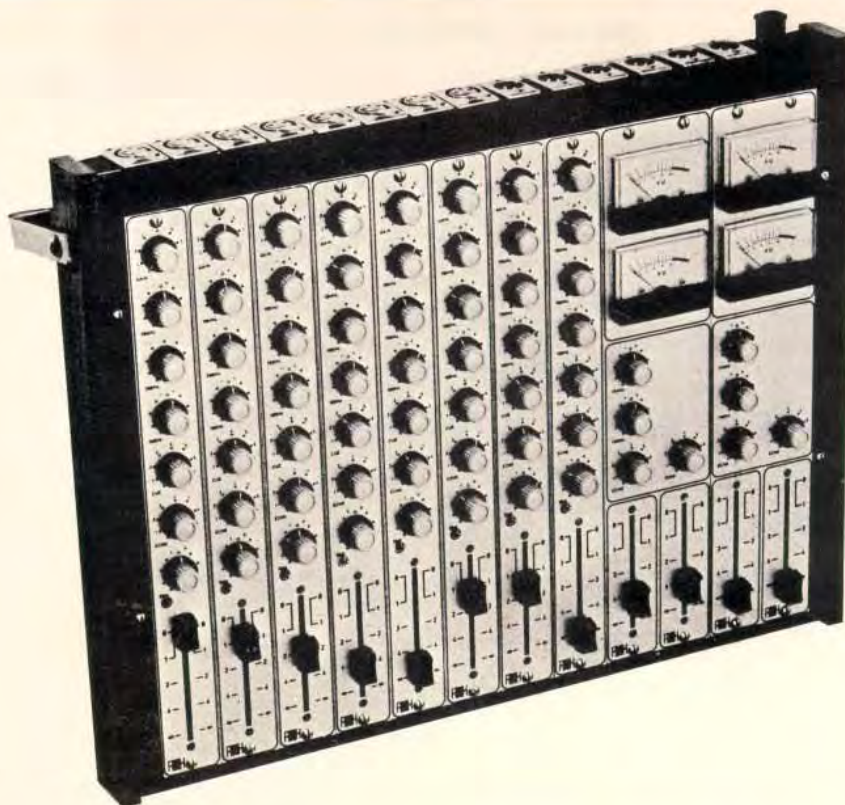




Technical Specification

## QUASI MIXER



The Allen and Heath Quasi range presents a low cost custom semi-modular mixing system. Though standard stock units are 8 by 4 and 10 by 2, consoles can be constructed to individual requirements. The all-silicon transistor circuitry is built on fibreglass printed circuit boards mounted on an all-steel chassis, giving extreme rigidity. Almost total exclusion of wires and the use of high quality components ensure high reliability.

Channel escutcheons are of anodised printed aluminium with clear legending of all controls. Two teak side plates finish off the unit and a carrying handle is available optionally. This may be locked in any position to provide a comfortable working angle for the console. Up to 12 channels of electronics may be included and, in addition to the input and output modules, custom facilities and the new range of signal processing modules may be incorporated. If further inputs are required, a chassis containing inputs only may be supplied and, in this way, consoles can be economically inter-linked.

The standard chassis is available with jack or Cannon type terminations; an external regulated power supply is also available.

**INPUT MODULES** features fully floating low Z microphone inputs (high Z inputs available), continuously variable sensitivity, 3-band equalization, linear motion channel fader, pre-fader cue and post-fader echo level controls, stereo panpot, with 1-2/3-4 routing toggle on the four output version. PFL or channel cut may be fitted on stereo versions.

**OUTPUT MODULES** features two channels each, incorporating a mix amp, linear motion fader, and line amp. The outputs are monitored by VU type meters. A common echo return with two-band equalization features left and right output groups through individual echo return level controls.

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**CHANNEL SENSITIVITY.** Maximum gain microphone input greater than 70dB. (200 ohms. source).

**INPUT NOISE.** Less than -122dBm. referred to input.

**INPUT EQUALISATION.** Plus or minus 15dB. at 100Hz. and 10kHz. Plus 8dB. at 700Hz.

**NORMAL FADER POSITION.** Input fader at -10dB. (1) Output fader at maximum.

**OUTPUT LEVEL.** 0dBm. to drive loads down to 600 ohms.

**OUTPUT NOISE.** Less than -72dBm.

**MAXIMUM OUTPUT LEVEL.** +15dBm.

**ECHO RETURN.** Sensitivity variable from -10dBm. Equalisation plus or minus 16dB. at 100Hz. and 10kHz.

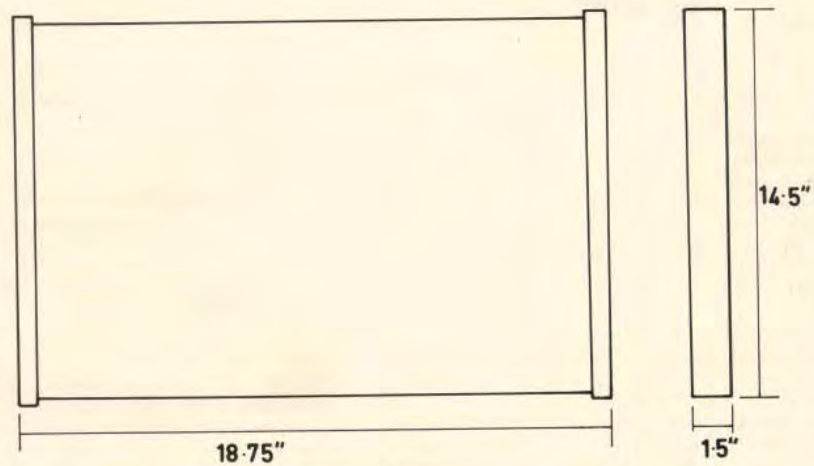
**ECHO AND CUE OUTPUTS.** Signal level -30dBm. to drive 10K ohms.

**DISTORTION.** Less than 0.2%.

**FREQUENCY RESPONSE.** 30Hz. to 18kHz. within 1dB.

**POWER REQUIREMENTS.** 21V DC smoothed and regulated, positive rail at 300mA.

**WEIGHT.** 15 lbs.



We reserve the right to vary the design, components or specification used as our prerogative and without prejudice to complying with orders placed.