



**PA &
Recording
-the new
double act
with the
SD12 2B
from
Allen & Heath**



SD12-2B

INPUT SECTION

INPUT GAIN

Allows optimum noise and distortion figures to be obtained for any signal source.

TREBLE CONTROL

Gives boost or cut of important music harmonics and also control over horn section of 2 or 3-way P.A. Systems.

MID 1

Gives presence boost or cut — essential for control of vocals, guitar and snare sound.

MID 2

Controls fundamental sound of voice and instruments over main musical scale.

BASS

Enables low frequencies to be controlled independently of the main music spectrum. Particularly useful in boomy halls.

FOLDBACK

Allows independent mix to be sent to musicians on stage or to external equipment.

ECHO

Sends required amount of post-fade signal to an external echo or reverberation unit.

PAN

Places input signal to desired position in the final stereo image.

P.F.L.

Enables the sound engineer to check each individual channel during a performance with no effect on the main outputs.

CHANNEL FADER

High quality linear fader controls each channel's contribution to the main output mix.

For over 10 years, Allen & Heath have held a leading position throughout the world. The name Allen & Heath is a well-recognized name in the professional audio industry. Our products are designed for professional multi-track and sound reinforcement consoles.

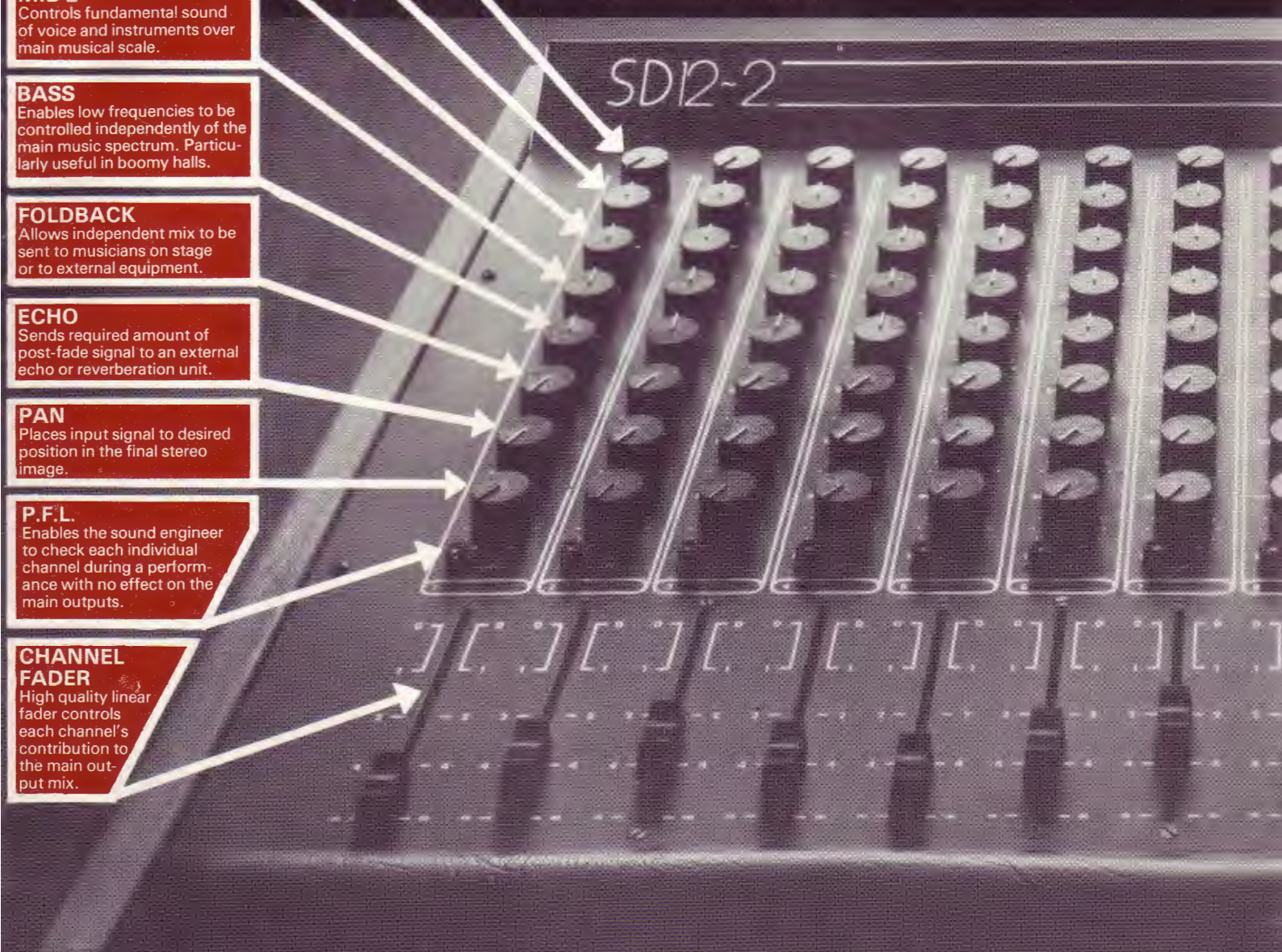
The experience gained in these markets has allowed us to develop products which offer the same uncompromising standards of performance as our more expensive products, through our philosophy of 'affordable technology'.

A logically designed, ruggedly constructed unit, the SD12-2B is ideal for up and coming musicians, pubs, clubs and small venues.

The semi-modular construction and use of standard components makes servicing and replacement anywhere in the world a simple task.

The output and monitoring facilities are designed for stereo and 4-track recording, hence enabling the SD12-2B to be used in a wide range of applications.

CHECK IT OUT!



Allen & Heath finally breaks the barrier between professional performance and affordability.

- UNIQUELY DESIGNED OVERLOAD PROOF TRANSFORMERLESS BALANCED XLR INPUTS.
- LINE INPUT/BREAK POINTS ON ALL CHANNELS.
- POST FADE DIRECT RECORDING/LINE OUTPUTS ON ALL CHANNELS.
- FOLDBACK MIX PRE-FADE AND EQ.
- INDEPENDENT FOLDBACK EQ TO AID CONTROL OF FEEDBACK.
- 4 BAND ACTIVE CHANNEL EQ.
- POST FADE ECHO SEND.
- STEREO MONITOR TAKE OFF.
- 4 FUNCTION STEREO MONITOR.
- POWERFUL STEREO MONITOR.

outstanding reputation in the music industry has become synonymous with highly sophisticated.

Always been reflected in our smaller mixers, all of quality, performance and reliability. Now, we introduce the SD12-2B.

compact, lightweight and portable in size. The SD12-2B is designed for use in any 'real time' mixing situation.

The preferred value components allow 'in field' operation.

Designed in such a way that the SD12-2B can be used by amateur and professional musicians to produce their own demo tapes.

SD12-2B OUTPUT SECTION

FOLDBACK SEND

Gives overall level and equalization to foldback output signal. Allows compensation for different stages or speakers.

ECHO SEND

Master output level to external sound effects equipment.

ECHO RETURNS

Two controls which enable the outputs of effects units to be fed into the main output mix. These controls may also be used for linking two consoles or for replaying stereo tape machines.

MONITOR SELECTION

Allows operator to listen in stereo to tape output, main mix, foldback mix or individual channels (PFL) without disturbing the main outputs from the desk. The selected monitor signal is also displayed in stereo on the twin VU meters.

OUTPUT FADERS

Provide overall control of main outputs to sound system or tape machine.

HEADPHONES

For listening to output of monitor selection circuit.



and semi-professional price with the introduction of the new SD12-2B.

CHANNEL EQ.
DUAL MONITORING.
HEADPHONE AMPLIFIER.

- L.F. ROLL OFF FOR SPEAKER PROTECTION.
- ILLUMINATED VU METERS.
- LONG TRAVEL 90mm INPUT/OUTPUT FADERS.
- SEMI-MODULAR CONSTRUCTION FOR QUICK, EFFICIENT SERVICING.
- OPTIONAL HEAVY DUTY FLIGHT CASE.

SD12-2B Technical Specification

INPUTS

- Microphones, electronically balanced, input impedance 1 Kohm, Max. channel gain, 60 dB input clipping not possible under normal conditions.
- Lines, unbalanced, input impedance 50 Kohm, input clipping level + 18 dBm.
- Insert return, unbalanced, input impedance 50 Kohm, input clipping level + 18 dBm.
- Echo return, unbalanced, input impedance 10 Kohm, input clipping level + 17 dBm.

FREQUENCY RESPONSE

- Mic ± 1.5 dB ref 50 Hz — 20 KHz
- Line ± 1.5 dB ref 30 Hz — 20 KHz

NOISE PERFORMANCE

- Equivalent input noise -124 dB at full gain.
- Channel output noise -60 dB at full gain.

THD

- Mic in <0.04%
- Line in <0.05%

OUTPUT CAPABILITY

- Maximum output level + 18 dBm (6v into 600 ohms) programme, foldback and echo send.
- Normal operating level 0 dBm into 600 ohms.

HEADPHONES

- 500 mw per channel into 8 ohms

EQUALISATION

- ± 12 dB, 150 Hz, 700 Hz, 2.6 KHz, 12 KHz

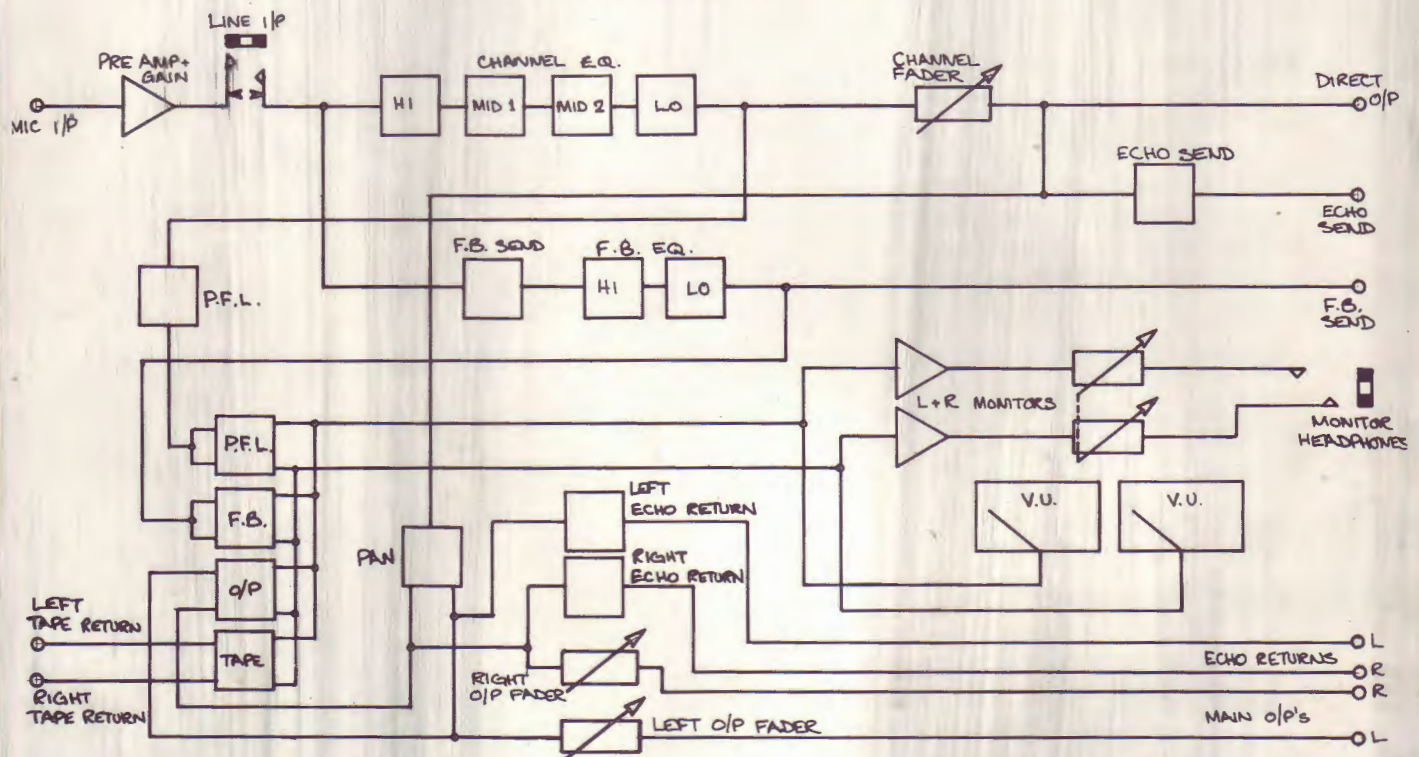
DIMENSIONS

- Length 724mm Depth 568mm Height 100mm

SHIPPING WEIGHT

- 20 Kg.

System Block Schematic



**We helped
with
their
sound. . .**

PETER GABRIEL

GENESIS

GALLAGHER & LYLE

IAN GOMM

PHIL LYNOTT of
THIN LIZZY

ALAN PRICE

ROGER TAYLOR of
QUEEN

DUNCAN MACKAY
10cc

PHIL COLLINS

JOHN ENTWHISTLE
of the WHO

PINK FLOYD

ANTHONY PHILLIPS
ANDY SCOTT of the
SWEET

THE DOOLEYS

HANK MARVIN

STEWART COPELAND
of the POLICE

STEVE HILLAGE

THE JAGS

ERROL BROWN of
HOT CHOCOLATE

**We can
help with
yours.**