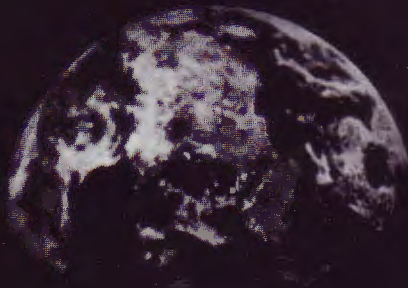


Advanced
Information

SYNCON Series B



Music and Logic
in Harmony

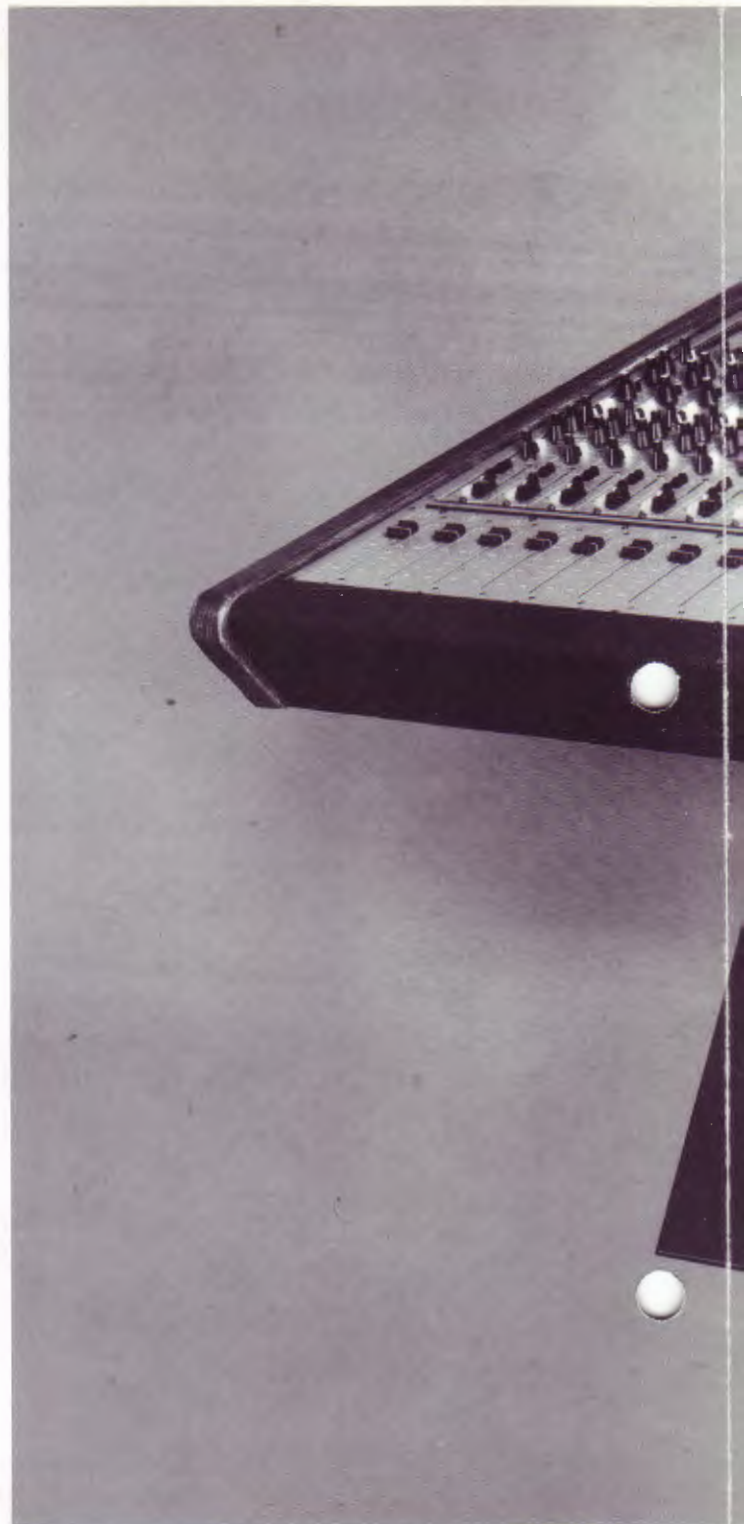
AHB

ALLEN AND HEATH BRENNELL LTD.

AHB explodes the myth that 'state of the art' technology cannot be designed into a low price mixing console – the Series B proves it can. Following the incredibly successful Syncon has not been easy. It is still the best selling British made in-line console but the demand for a smaller more flexible system has guided AHB to design a mixer which in its most basic format is ideal for small 8 and 16 track studios and yet with no factory modification can be expanded to a 44/24 fully automated console with full function patchbay. The Series B utilizes many of the chips and mechanical parts found in the world's most expensive audio equipment. Cost saving has been made in streamlined production design and volume purchasing – not in quality control. The Series B is the most important new audio product to emerge in 1980. Check it out!

Standard Series B Features

- 24 track and 2 mix busses
- 20 input/output mainframe
- 12 input/output expander frame
- Modular patchbay frame
- Innovative auxiliary mix system
- Sweep frequency equalisation
- Free routing and subgrouping
- Light column metering
- Auto PFL audio & metering
- In-place solo
- Fully automatable (Allison compatible)
- Solid hardwood trim
- 3 channel fader options
- LED channel functions
- New mic. input design
- Monitor channel effects mixing
- High slew rate
- Full function monitoring





Syncon Series B Performance Specification

Main frame

20 input output modules

Sub frame

12 input output modules

Patchbay

Fully modular

Output capability

+22dBm 20Hz-20KHz
all outputs

Normal operating level

+4dBm

Input gain

Mic +70dB, Line +10dB

Noise 20Hz-20KHz

Mic EIN; -127.5dBm

24 TK mix outputs;
-89dBm

Stereo mix outputs;
-72dBm
(20 inputs routed,
Eq in, at unity gain)

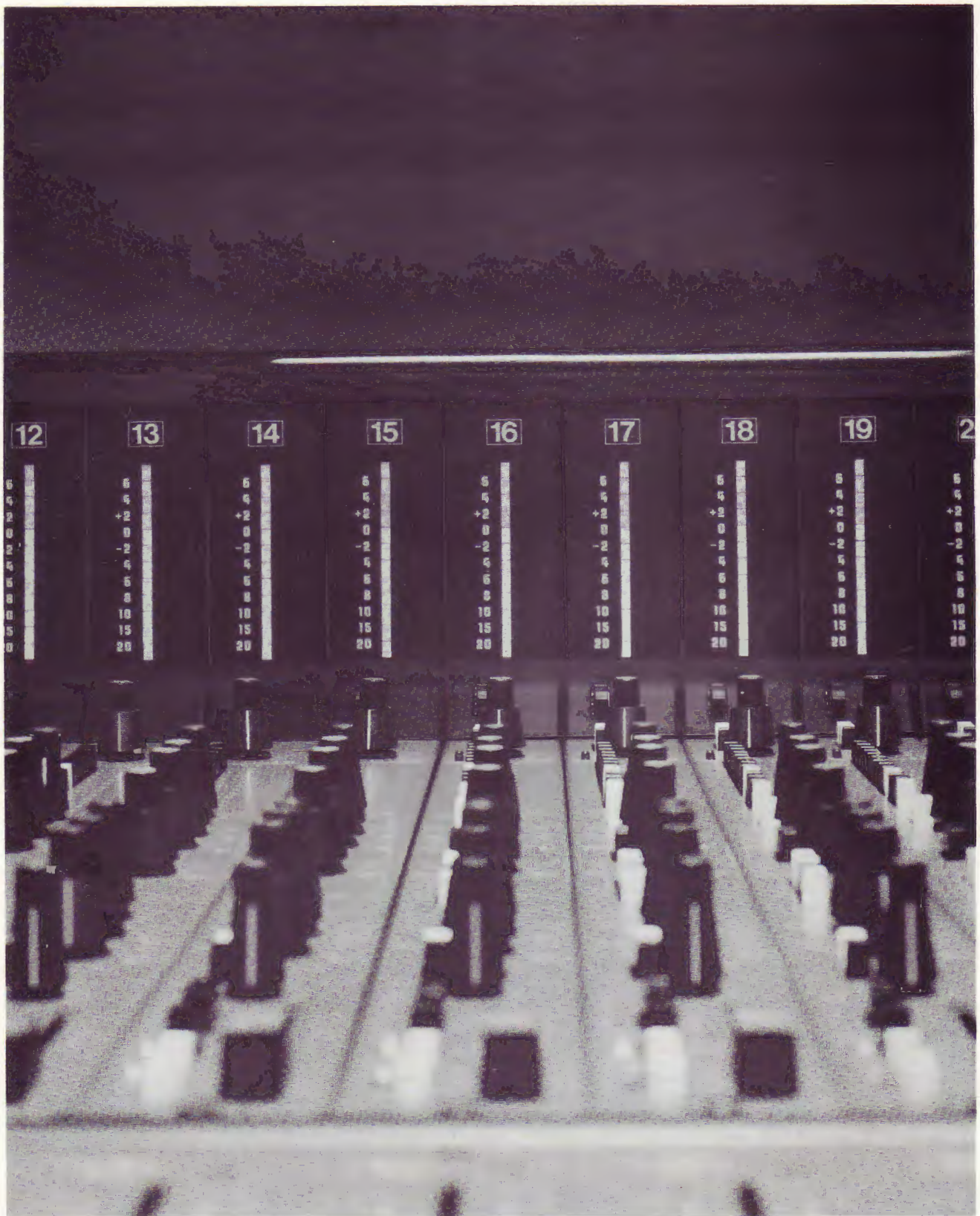
Distortion

Mic input to output,
normal level

<0.05% THD 20Hz-20KHz
<0.02% IM (SMPTE)

Dimensions excl. stands

1212mm Wide, 373 High, 1023 Deep



Syncon Series B is made in England by ALLEN AND HEATH BRENNELL LTD.
Pembroke House, Campsbourne Road, London N.8.
Telephone 01-340 3291 Telex BATGRP G 267727

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