

SEELECT



Assignable On-Air Mixer

Play it solo with an Assignable
On-Air Mixer

The *SEELECT* assignable on-air mixer is designed primarily for self-operated live radio transmission. It's deceptive power and capacity, however, enables it to be used equally successfully for other mixing tasks, such as editing and simpler programme production.

One of the major design criteria has been to make operation simple and intuitive. The clearly designed user surface allows even the least technical of DJ's to operate on-air, freely and unhindered.



The system comprises four separate units: the fader panel, the control panel, the audio rack and the screen monitor. The audio rack handles all audio processing, and the screen displays all necessary information (metering, clocks, messages, etc.). All other controls are found on the fader and control panels. There are virtually no physical restrictions with regard to placement of the separate units. The

audio rack can be hidden away, and the control and fader panels positioned optimally for personal preference.

Alternatively, the fader and control panels can be housed in common framework together with an integrated TFT monitor. The frame can be either mounted on a floor stand or 'sunk' into existing or tailor-made furniture. This gives an elegant solution and reduces the complete system to two physical units.



The assign philosophy used reduces the number of controls to a minimum - both with regard to audio processing resources and operator controls. An integrated matrix system enables up to 44 inputs to be accessed on only a few faders - naturally not at the same time, but that is seldom required during live transmission.

The common control panel services all audio channels with eq, gain, balance, aux. settings, etc., plus the assign function which determines which fader a channel should appear on. Again, controls are minimal allowing for extremely quick and easy adjustments. The user is able to work in an uncluttered atmosphere, with the knowledge that additional sources are at his disposal when needed.

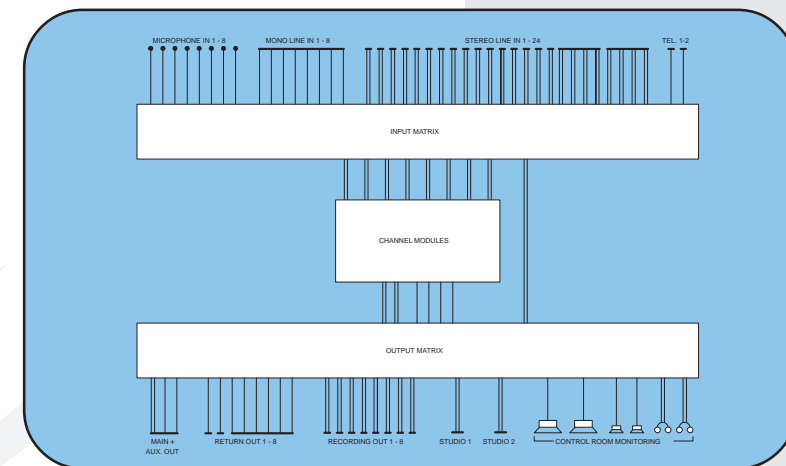


Computer control enables many additional features to be included that ease operation and help minimise mistakes. Despite this, *SEELECT* is an audio mixer, not a computer, and anyone familiar with traditional mixers will feel at home immediately. Different users and different programmes require different set-ups, and these can be saved either internally or on floppy disc. Loading a new set-up is quick and does not interrupt transmission, allowing for smooth operator take-overs between programmes.

The *SEELECT* mixer has the additional advantage that many functions normally required externally are also included. Apart from the integrated matrix already mentioned, these include clock and stopwatches, remote control possibilities, studio and control room signalling, comprehensive talkback and communication systems (including messages appearing on the screen), telephone hybrids and studio and producer desk interfaces.



The standard version of SEELECT provides the following inputs and outputs:



Some of the clients who rely on SEELECT are Danish Radio, Radio France, Radio France Internationale, BRF Belgium, Norwegian Broadcasting, Swedish Broadcasting, Finnish Broadcasting, NOB Holland, SRI Switzerland as well as different private companies and Audio Engineering Schools

Inputs and Outputs

Standard configuration.

Mic. inputs: 8; Mono line inputs: 8; Stereo line inputs: 24; Telephone hybrid inputs: 2
Main outputs: 1 stereo, 1 mono; Aux. outputs: 1 mono; Return outputs: 8; Recording
outputs: 8; Studio unit outputs: 2; Monitoring outputs: main speakers, cue speakers,
operator and guest headphones.

Microphone Inputs

Configuration: Transformerless, balanced

Input impedance: >1kohm

Input noise: 200 ohm source, 70dB gain, <-117dBu CCIR weighted peak

Line Inputs

Configuration: Transformerless, balanced

Input impedance: 10 kohms

Outputs

Configuration: Transformerless, balanced

Output impedance: <40 ohms

Minimum load impedance: 300 ohms

Levels

Nominal input/output level: +6dBu

Maximum output level: +20dBu in 300 ohms

Headroom

15dB (Difference between nominal and maximum level)

Frequency response

Line or mic input at 10dB gain, to main output. 30Hz to 20kHz: +/-0.5dB

Output Noise Level

8 channels routed to main output. 1 channel fader at 0dB gain: <-75dBu CCIR
weighted peak.

Distortion

30Hz to 20kHz: <0.05% at nominal output level, <0.3% at +20dBu output

Power consumption

For a standard configuration 8 channel, 8 fader *SEELECT*. 230V AC: max. 230W

Dimensions

SK100 Fader units: Accommodating 4, 6, 8, 10, 12, or 14 faders. 8 fader frame
measures 691 x 336 x 86mm.

SK101 Control unit: 19" 3U rack

EH022 Audio rack: 19" 6U rack (standard) or 9U (extended matrix version)

EH040 Power unit: 19" 3U rack

Weights

SK100M2-8 (8 faders): 8kg

SK101 Control unit: 15kg

EH022 Audio rack: 22kg

EH040 Power unit: 11.5kg



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