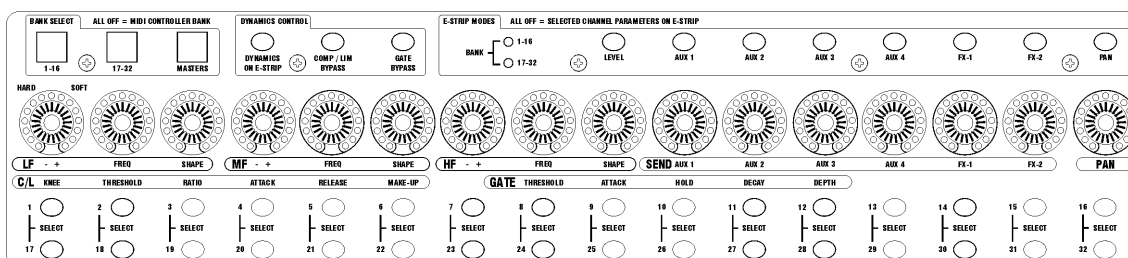


Part 1

The E-Strip as a Channel strip



USING THE SELECT BUTTONS

To activate the E-Strip for a channel the relevant SELECT switch should be pressed. SELECT buttons are available for the following channels:

- Analogue Inputs 1-16
- Digital Inputs 17-32
- Stereo Inputs 1 & 2
- FX Returns 1 & 2

When the E-Strip is set to display the dynamics processor controls, the MIX and GRP 1-8 switches of the Select Panel act as SELECT switches, allowing the parameters of dynamics processors for these buses to be easily adjusted.

Naturally it follows that all of the facilities found on the E-Strip can be applied to any of the above channels. Lets look at the E-Strip functions individually.

EQUALISER SECTION

Frequency Bands

The equaliser is divided into three fully parametric bands - low frequency (LF), mid frequency (MID) and high frequency (HF). Each band has a gain control (- +), a frequency select control (FREQ) and a bandwidth or 'Q' control (SHAPE).

- Gain

The gain encoder (- +) offers a range of +/-15 dB for all three frequency bands.

- Frequency Bands

The Frequency ranges for each of the 3 bands are as follows:

LF	40Hz to 800Hz
MID	200Hz to 8KHz
HF	1KHz to 20KHz

Rotating the LF, MID or HF FREQ encoder knob in a clock wise direction will sweep the frequencies from the lowest value through to the highest value in each frequency band e.g. 40Hz to 800Hz for the LF band.



With the LCD display in VALUE mode (all switches off), it will display the parameters numerically as they are adjusted by the E-Strip encoders. The PARAM encoder and left and right cursor keys in the master section can also be used to select and adjust parameters.

• Bandwidth

The Bandwidth or 'Q' control (SHAPE) has the following range:

LF	SHELVING/ - 0.35 to 2.8
MID	0.35 to 2.8
HF	SHELVING/ - 0.35 to 2.8

NOTE: When rotating the SHAPE encoder knob clockwise from its extreme counterclockwise position, the LF and HF bands will begin with a SHELVING filter characteristic, which changes to a peak filter with a 'Q' range of 0.35 through to 2.8 as the SHAPE encoder is gradually rotated.

The MID band has a peak filter characteristic with a 'Q' range of 0.35 through to 2.8

The LCD can be put into SELECT mode to display precise values of any EQ adjustment (see Section 3J Part 1).

AUXILIARY SENDS 1-4

The 4 Aux Sends (AUX 1-4) provide level control of the signal in the selected channel to the Aux Outputs. The Aux sends can be switched globally to source signals either PRE or POST fader. All Aux sends are POST EQ.

PRE/POST FADE setting of AUX 1, 2, 3 & 4

- Press and hold the 'AUX/FX PRE' button located at the bottom right hand corner of the console.
- Now look at the status of the AUX 1, 2, 3 or 4 buttons in the ROTARY CONTROLS section, whilst continuing to hold down the AUX/FX PRE button as above.
- The AUX 1, 2, 3 or 4 buttons will either be selected to be PRE FADE (illuminated) or POST Fade (not illuminated).
- To change the PRE/POST status of AUX 1, 2, 3 or 4, simply select or de-select the relevant button whilst holding down the AUX/FX PRE button.

NOTE: When shipped the default mode is AUX 1&2 set to PRE FADE (illuminated) and AUX 3&4 set to POST FADE (not illuminated).

FX SEND 1 & 2

The 2 encoders labelled FX-1 and FX-2 provide separate send control to the built in Lexicon FX processors.

PRE/POST FADE SETTING OF FX SENDS 1 AND 2

- Press and hold the 'AUX/FX PRE' button.
- Now look at the status of the FX-1 & FX-2 buttons in the ROTARY CONTROLS section, whilst continuing to hold down the AUX/FX PRE button.
- The FX-1 & FX-2 buttons will either be selected to be PRE FADE (illuminated) or POST Fade (not illuminated).



With the LCD display in VALUE mode (all switches off), individual send levels of the selected auxiliary send will be displayed numerically, within the range -60dB to 0dB.

- To change the PRE/POST status of FX-1 & FX-2, simply select or de-select the relevant button whilst holding down the AUX/FX PRE button.

NOTE: When shipped the default setting for FX-1 and FX-2 is POST FADE.

PAN CONTROL

The PAN encoder knob sets the amount of the channel feeding the left and right MIX busses or linked (stereo) Groups allowing a signal to be moved smoothly across the stereo image.



With the LCD display in VALUE mode (all switches off), it will display the PAN setting numerically. When encoder is rotated fully anti-clockwise the display will show LEFT, indicating that the signal is panned hard left. Gradually moving the encoder clockwise will move the display through LFT 1-30, Centre, RGT 1-30, ending at RIGHT denoting that the signal is now panned fully to the right. This is very useful when there is a need to match two signals symmetrically across the stereo image.
