

ML 5000

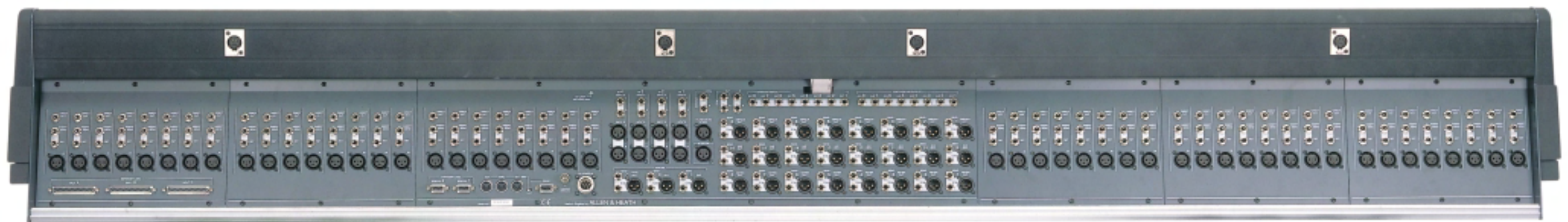
The **ML5000** embodies the professional sound engineer's ideal tool set – a versatile, feature-packed and rider-friendly console, in an intuitive, walk-up-and-go format.

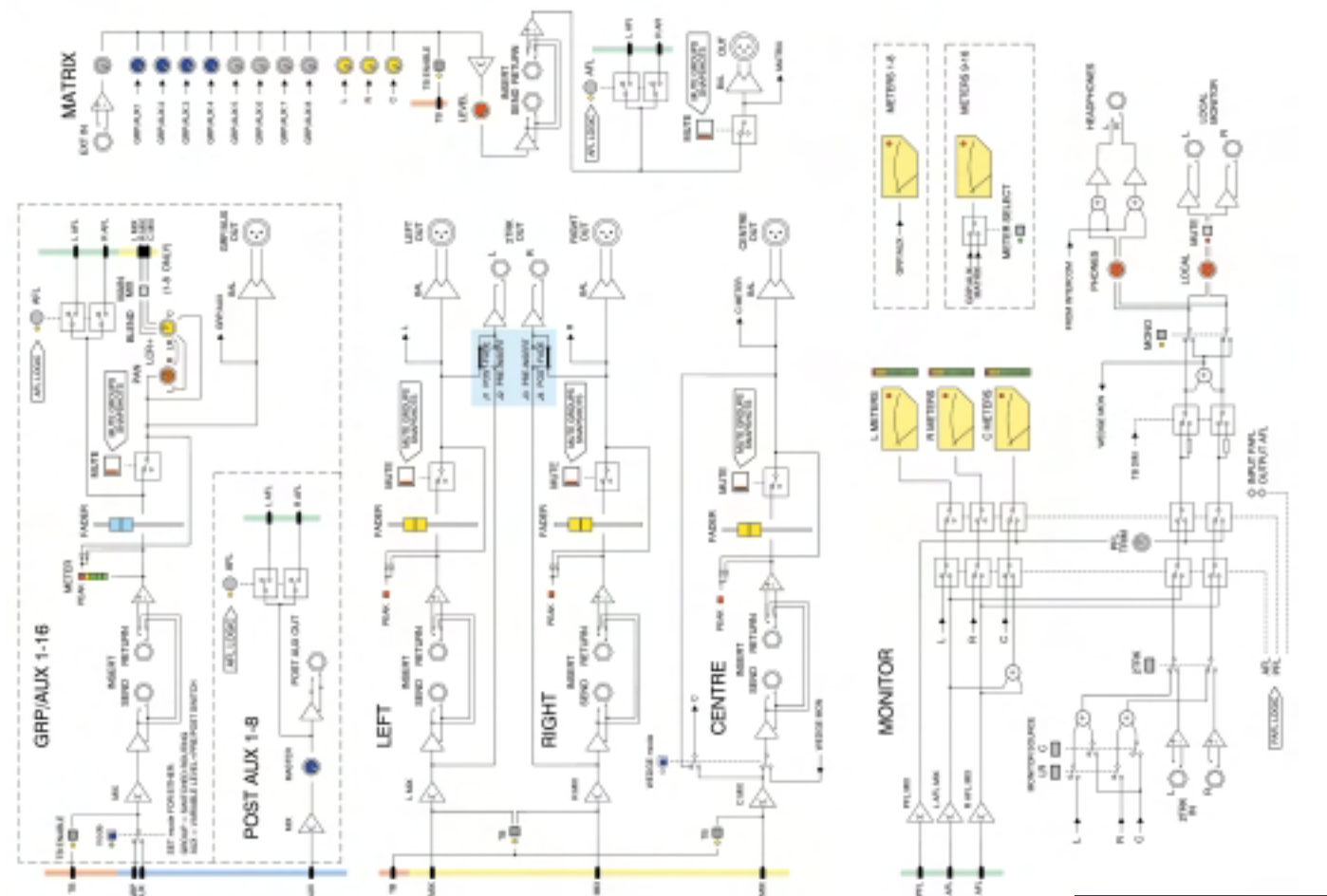
ML5000 is a dual function, LCRplus, 8 group, 16 aux, 12x8 matrix, VCA console. Frame sizes range from 32+4 to 48+4 channels, with sidecar expansion to 96+4 channels. With such exceptional sound quality, it's an engineer's dream!



FEATURES

- ▶ 32+4, 40+4, 48+4, plus up to 2x 24 input sidecars, total 96+4 channels
- ▶ 4 extra dual input stereo channels fitted as standard
- ▶ B option for 4 extra dual stereos in place of mono channels
- ▶ 8 VCA groups with mute and PAFL functions
- ▶ Dual functionality for mixing front-of-house, stage monitors or both
- ▶ Monitor mode provides 16 auxes with pre switching, faders, inserts, mutes, bus and output meters
- ▶ FOH mode provides 8 groups with individual routing and 16 auxes
- ▶ LCRplus panning available from channels and groups.
- ▶ Stereo switching for up to 4 true stereo sends from pairs of auxes
- ▶ 12x8 matrix with inserts and external inputs
- ▶ 8 mute groups
- ▶ 4 band, full sweep EQ with variable Q on midrange
- ▶ Swept 20-400Hz HPF
- ▶ Stereos can mix two balanced sources into one channel, includes L, R L+R mono switching
- ▶ Balanced inserts with separate send and return sockets
- ▶ 128 snapshot memories for recall of VCA assignments and mutes
- ▶ MIDI/RS232 ports for remote archiving and show control
- ▶ **ALLEN & HEATH ML Archiver** software available for PC control of the memories
- ▶ Single press clear or set all mutes or VCA assignments functions
- ▶ Talkback to any of the fader masters, matrix, LR and C
- ▶ ClearCom™ compatible intercom works with console headphones and TB mic
- ▶ Intelligent PAFL system – PFL override AFL for quick multi-mix output/source monitoring
- ▶ Intelligent PAFL system – AFL cancel PFL, all clear, auto-cancel or add modes
- ▶ Intelligent PAFL system – Input PFL or stereo-in-place AFL
- ▶ Intelligent PAFL system – mono or stereo AFL of masters and matrix
- ▶ Solo-in-Place with last solo toggle and channel solo safes
- ▶ Simultaneous LED bar and moving coil VU metering of all main outputs and P/AFL
- ▶ Fader driven engineers listen wedge feed with insert in monitor mode
- ▶ Separate stereo headphones and local monitor control
- ▶ LCR to stereo engineer's monitor capability
- ▶ 1kHz oscillator / pink noise generator
- ▶ Preamp input capability for mic or line up to +30dBu
- ▶ Main, group, aux and matrix outputs on balanced XLR
- ▶ 4-pin XLR lamp sockets – **ALLEN & HEATH** LEDlamp available
- ▶ Uses RPS14 external power supply with built-in combiner for a backup supply
- ▶ Internal aux jumper options for pre-insert, pre/post-EQ, pre/post-mute settings and direct output jumper options for pre/post-fader or to use aux 1 post-fade trim





ML5000
System Block Diagram

