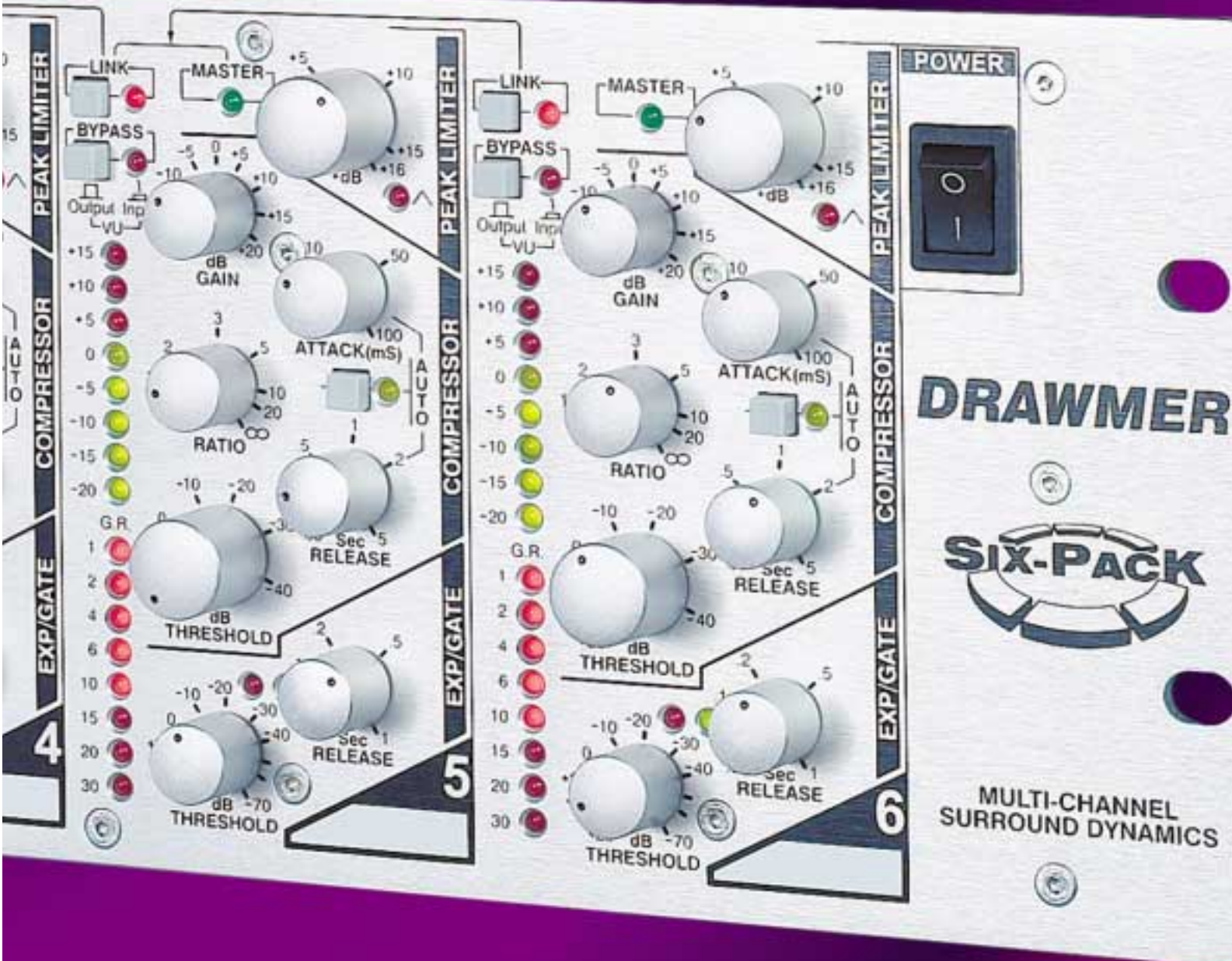


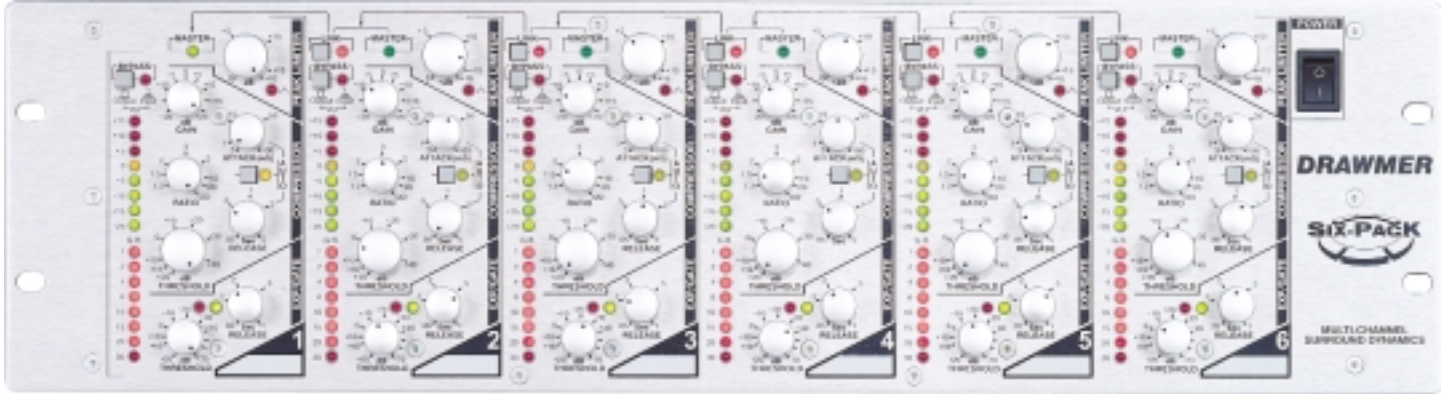
THE
DRAWMER

SIX-PACK



**5.1 SURROUND DYNAMICS WITH
UNIVERSAL LINKING.**

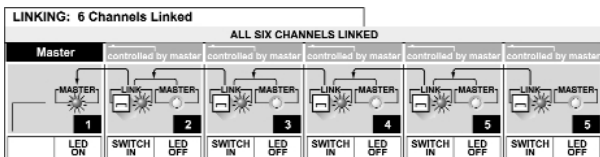
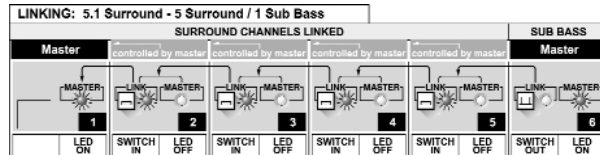
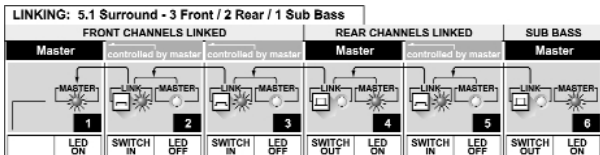
The Drawmer Six-Pack represents the industry's first dedicated multi-dynamics processor for surround mixing and continues Drawmer's tradition of audio 'workhorse' products which will continue to perform time and time again - even in a rapidly changing audio delivery environment.



The Drawmer Six-Pack is a single 3U unit that will provide dynamics control in any format from mono to 5.1 surround. With six independent expander/gates, six independent auto or manual compressors, six 'zero overshoot' limiters and an LFE channel *plus* the ability to link channels individually, the Drawmer Six-Pack makes surround dynamics easy. In the studio, any analogue audio source from mono to stereo to full surround can be handled in one unit. In live sound, outboard applications such as drum processing or vocals can be dealt with in one easy to use unit, with both auto and manual operation. Alternatively the unit can be re-configured at the push of a button to provide dynamic control and speaker protection without image-shift for the fast developing surround sound speaker rigs employed in the club *dance* scene.

The design of each processing module is derived from the industry standard Drawmer DL241 Compressor to deliver transparent and predictable dynamic control. The six channels of processing are arranged vertically to occupy the minimum rack space. On Channel six the user has the option to switch in a 120Hz filter to create an LFE channel. This feature is also useful to derive an LFE from a previously recorded five channel only, full band surround mix. Instinctively laid out LED bargraph metering gives clear visual indication of all dynamic functions. Universal Linking facilities allow for the various configurations commonly used in multi-channel surround processing as well as the conventional stereo and single channel operation.

UNIVERSAL LINKING EXAMPLES:



Channel 6 input offers a switchable 120Hz filter for either LFE (filtered) or normal operation.

CONTROL DESCRIPTION:

- PEAK LIMITER** - Programme Adaptive, variable Threshold, Zero Overshoot limiter variable from 0dB to +16dB. An LED display of limiter activity.
- COMPRESSOR** - Soft-Knee compressor with variable Threshold (-40dB to +20dB), Release (0.05 to 5 seconds), Ratio (1.2:1 to infinity), Attack (0.5 to 100mS) and Gain make-up (±20dB). Switchable auto/manual Attack and Release with LED status display.
- EXPANDER/GATE** - with variable Threshold control (-70dB to +20dB) and variable Release time from 0.05 to 1 second. Dual LED gate status display is provided.
- METERING** - Eight LED bargraph meters display gain reduction, input/output levels and single LEDs display Master/Link status and Bypass.
- BYPASS** - Each channel features switchable Bypass with LED status. A relay hard wire bypass system allows the unit to still pass audio when the power is off.

DRAWMER

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All measurements reference +4dBu operating level:

- INPUT IMPEDANCE:** 20KΩ
 - MAXIMUM INPUT LEVEL:** +20dBu
 - OUTPUT IMPEDANCE:** 50Ω (Balanced)
 - MAXIMUM OUTPUT LEVEL:** +22dB
 - BANDWIDTH:** <18Hz to 68KHz -1dB
 - NOISE AT UNITY GAIN:** -100dB
 - DISTORTION:** 0.03%
 - LOW PASS FILTER (-3dB):** 120Hz 24dB/Octave
 - POWER REQUIREMENTS:** 30VA
 - WEIGHT (inc. packaging)** 7Kgs
- Input/Output connectors: Balanced XLR (pin2 +)*