



33609/J and 33609/JD Precision Stereo Limiter/Compressor

Built to the highest design specifications, the AMS Neve 33609 unit offers comprehensive limiting and compression facilities for both music recording and broadcast applications. Multiple units may be linked for stereo and multi-channel operation.

The 33609 is based on a circuit design first used in the classic 2254 limiter/compressor designed by Neve in 1969.

Two versions are available, the 33609/J and the 33609/JD. Both units offer the legendary Neve sound but with enhanced internal and external I/O switching compared to the originals. The 33609/J uses similar circuits to the vintage 33609/C. The 33609/JD incorporates a 340 discreet output stage as used in the original 33609 design.

Coupled with the unit's unparalleled ease of use, this sound quality has made the 33609 a studio standard.

The limiter/compressor is a 2U rack-mounting unit with a clear, uncluttered panel layout. There are independent sidechains for the compressor and limiter sections with similarly independent threshold, recovery and attack controls.

The compressor features a selection of ratios from 1.5:1 to 6:1 and a gain make-up control that comes before the limiter. Overall gain reduction is indicated on a moving coil meter.



33609/J and 33609/JD Audio Specification and Description

Controls:	Limiter	Compressor
Threshold:	Limit in/out +4dBm to +15dBm	Compress in/out -20dBm to +10dBm
Recovery Time:	50ms, 100ms, 200ms, 800ms A1 (auto) 100ms/2sec A2 (auto) 50ms/5sec	100ms, 400ms, 800ms, 1.5secs A1 (auto) 100ms/2sec A2 (auto) 50ms/5sec
Attack Time:	Fast (2ms) Slow (4ms)	3ms
Ratio:	N/A	1.5:1, 2:1, 3:1, 4:1 or 6:1
Gain:	N/A	0 to +20dB in 2dB steps

Connections:

Mains: I.E.C.
Audio: 3 pin XLR
Control link: 9 pin 'D' type

Dimensions:

Length: 482mm (19in)
Height: 88mm (3.26in)
Depth: 255mm (10.03in)
Weight: 8kg

Other features include: Mains on/off, Master by-pass switch, Master mono/stereo switch and Master ext/int switch.

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