OUTBOARD & PROCESSING

DBX 1046 QUAD COMPRESSOR



The 1046 provides 4 channels of smooth classic dbx OverEasyï or Hard Knee compression that are perfectly suited for use on individual tracks of your multitrack recorder, and in virtually all applications the separate channels can be individually interfaced and used for entirely independent purposes. Additionally the newly developed PeakStopPlus is ideal for protecting your system from the oppressive peaks that can take out valuable drivers in your sound reinforcement rig or studio monitors.

All four channels have the following controls: Threshold - allows you to set the level at which the compressor starts affecting the gain OverEasy - allows you to select between soft compression for overall gain control or Hard Knee compression based on the characteristics of the original dbx 160. Ratio - allows you to set the slope of gain reduction affecting the signal over the threshold level. Input/Output Meter - allows you to set the meter to check the input and output levels for maximum signal-to-noise ratio and best level matching. Output Gain - allows you to add make-up gain or to adjust the output level for that channel to match the next devices input gain. Bypass - hard wire bypass allows you to hear how the compressor is affecting your signal. PeakStopPlus - allows you to set the maximum signal level you want to pass through this channel. While its virtually impossible to eliminate distortion, the PeakStopPlus circuit does it gracefully and effectively with minimal distortion. Stereo Link - allows you to link channels 1&2 and 3&4 for two channels of true stereo compression. All four channels feature balanced gold plated XLR and 1/4 inch inputs and outputs, and switchable +4dBu or -10dBV operating level to interface each individual channel with any other device.



Features:
• Four independent channels of operation Stereo linkable in two pairs Independent Threshold and ratio controls
• Switchable OverEasyë or Hard Knee compression
• True RMS level detection
• Dual True stereo or quad mono operation
• Switchable +4dBu or -10dBV operation per channel Applications
• Theatre
• Conference
• Rock n Roll
• Houses of Worship
• Hire Companies
• Leisure Facilities
• Theme Parks
• Stadiums
• Bars/Clubs
• Broadcast
• Recording Studios

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