

# 704X

## 96kHz DIGITAL OUTPUT SYSTEM

**dbx**<sup>®</sup>  
PROFESSIONAL PRODUCTS

### VISIONARY DESIGN



The 704X is the first 96kHz digital output system that offers a 48 bit internal signal processing path, and up to 24 bit digital output in either AES/EBU or S/PDIF formats. The 704X brings the world of super high-end digital conversion to the already top-of-the-heap dbx Blue Series processors. That means that now the 786 Precision Preamp has the ability to offer the industry's most pristine signal path in both analog AND digital. And the 160SL is now the most comprehensive analog compression system with digital output now available.

The 704X uses the patent-pending TYPE IV™ Conversion System to convert your analog signals to digital in a way that preserves the analog warmth, yet gives the clarity and precision offered by the digital domain.

Think about it, the warmth and smoothness of your analog signal, coupled with a digital system that offers the best performance in headroom management through custom dither algorithms and noise floor shaping. It really is the best of both worlds, and you owe it to yourself to hear how it sounds.

### FEATURES

- Sample rates at 44.1kHz, 48kHz, 88.2kHz, or 96kHz
- Dither outputs to 16, 20, or 24 bits using TPDF or SNR<sup>2</sup> algorithms
- 48 bit internal signal path for increased headroom and low level resolution
- TYPE IV™ A/D Conversion System
- Sync input/output using dbx's own proprietary clock chips for extremely low jitter sync
- Two user selectable noise shape algorithms for lower perceived noise floor
- AES/EBU format is available on a gold plated Neutrik XLR or S/PDIF format is available on a gold plated RCA coaxial connector
- Can be installed in a dbx 160S Compressor, dbx 160SL Compressor, or a dbx 786 Precision Preamplifier

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