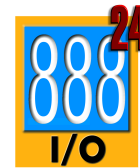


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Precision 24-Bit Multi-Channel Audio Interface

FEATURES

- *Analog I/O: 8 Channels; Actively Balanced XLR Connectors; Internally Channel-Switchable Between +4 dBu & -10 dBV Operating Mode*
- *Digital I/O (AES/EBU): 8 Channels; XLR Connectors (4 In, 4 Out); All 8 Channels Available Simultaneously for Direct Digital Audio Connection¹*
- *Digital I/O (S/PDIF): 2 Channels; Coaxial RCA Connector (1 In, 1 Out)¹*
- *Clock Reference: Super Clock (256x Sample Clock), ±10 ppm Accuracy; In/Out; BNC Connectors; Additional Clock References Supported via The Optional Digidesign Universal Slave Driver or Other Synchronizers*
- *Sample Rate: 44.1 kHz or 48 kHz (Nominal); Software Selectable; Internally Switchable Default Sample Rate for Stand-Alone A/D Conversion*
- *A/D Converters: 24-bit*
- *D/A Converters: 24-bit*
- *Digital I/O Resolution (AES/EBU & S/PDIF): 24-bit*

¹ Input channels 1-2 are user-switchable between analog and digital (AES/EBU or S/PDIF).



The Digidesign 888|24 I/O brings today's highest fidelity digital audio production into the reach of every recording professional. With 24-bit analog-to-digital converters, the 888|24 I/O is unrivaled in its price range and competes with dedicated A/D and D/A interfaces costing much more. Designed for uncompromising performance when recording, editing, mixing, and mastering, the 888|24 I/O is destined for the spotlight. In fact, the world's most accomplished producers and audio engineers are already using it to help create their next hit record or blockbuster film.

24-BIT AUDIO PRODUCTION

When used with a Pro Tools|24 system, the 888|24 offers 24-bit recording, editing, signal processing, and mixing — thanks to 8 analog inputs equipped with 24-bit A/D converters.

Since Pro Tools|24 lets you optimize your 24-bit files for 16-bit CD premastering, your audio will maintain optimum dynamic range and low noise floors all the way to CD.

Each output channel offers a 24-bit D/A converter for precise monitoring applications. The 888|24 I/O also includes 8 channels of digital inputs/outputs for sample-accurate, 24-bit transfers from digital tape or digital mixing consoles. If you have an expanded Pro Tools system, you can combine multiple 888|24 I/Os for up to 72 (software dependent) channels of discrete analog or digital I/O. Or, if you prefer, you can even use the 888|24 I/O as a stand-alone A/D or D/A converter.

BELIEVE YOUR EARS

Whether your current recording format is 2-inch or 1/2-inch tape, the 888|24 with Pro Tools|24 is the first viable, affordable, and proven replacement for all of your recording, mixing and mastering needs. Just look at the specs on the left. Or better yet, take a listen. The proof is in the music.

TECHNICAL SPECIFICATIONS

Analog-to-Digital Performance*

- 24-bit A/D converters, Delta-Sigma
- Dynamic Range: 110 dB (A-weighted); 107 dB (unweighted); @ 22 Hz – 20 kHz bandwidth
- THD+N: <0.003%; @ -0.01 dBFS, 1 kHz, 22 Hz – 20 kHz bandwidth
- Frequency Response: 10 Hz – 20 kHz, ± 0.6 dB
- Maximum Input Level: +26 dBu

MISC. SPECIFICATIONS

- Internal Clock Jitter (44.1 kHz – 48 kHz): <40 pS RMS 22 Hz – 22 kHz bandwidth
- Nominal Operating Level: +4 dBu (18 dB headroom) user adjustable

Digital-to-Analog Performance*

- 24-bit D/A converters, Delta-Sigma
- Dynamic Range: 105 dB (A-weighted); 103 dB (unweighted); @ 22 Hz – 20 kHz bandwidth
- THD+N: <0.003%; @ -0.01 dBFS, 1 kHz, 22 Hz – 20 kHz bandwidth
- Frequency Response: 10 Hz – 20 kHz, ± 0.6 dB
- Maximum Output Level: +26 dBu (bridging loads)

PHYSICAL SPECIFICATIONS

- Power Requirements: 90-260 VAC, 47-63 Hz; 35 VA, auto-switching
- Weight: 7.5 lbs. (4.1 kg.)
- Dimensions: 2U external rackmount device, 19" x 3.5" x 9.75" (48.26 cm x 8.89 cm x 24.77 cm) black anodized finish

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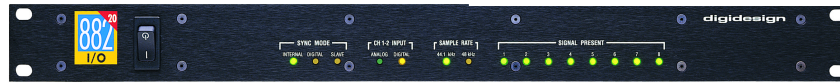
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High Quality 20-Bit Multi-Channel Audio Interface



FEATURES

- Professional Audio Performance — Ideal for Project Studios
- 8 Channels of High Quality, 20-bit A/D and D/A Conversion
- S/PDIF Connectors (RCA-style) for 2 Channels of Digital I/O
- Balanced or Unbalanced Operation via 1/4" TRS Phone Jacks
- Switchable +4 dBu and -10 dBV Operation

The 882|20 I/O Audio Interface is our high performance entry-level audio interface for Pro Tools and Digidesign Project II systems. We spared no details to ensure that the sound of the 882|20 would please even the most discriminating listeners. For starters, it features 20-bit D/A and A/D converters, 24-bit digital performance, and an extremely low noise floor (in the +100 dB range). Designed to be a flexible, high quality interface for project-based studios, the 882|20 is a perfect I/O solution for most music and multimedia productions.

Although the 882|20 is a natural choice for Pro Tools III systems, it also makes an excellent auxiliary audio interface for Pro Tools|24 — ideal for connecting outboard signal processing gear, keyboards, or other external devices. It even operates standalone as a 2-channel, 20-bit A/D converter or D/A converter without Pro Tools (or any other) software.

ANALOG AND DIGITAL CONNECTIONS

The eight analog I/O connections are balanced tip-ring-sleeve (TRS) 1/4" connectors and can be switched globally in software for +4 dBu or -10 dBV operation. Two channels of S/PDIF digital I/O provide the link to many consumer and professional DAT recorders, CD players, and other devices. With a 24-bit capable system, such as Pro Tools|24, the S/PDIF ports can be used to record, write, and play 24-bit files.

BIG PERFORMANCE AT A SMALL PRICE

Whether you're just entering into the exciting world of Pro Tools and need a high quality primary audio interface or an experienced pro seeking to expand or upgrade your I/O capabilities, the 882|20 I/O offers world-class performance at an affordable price. Add your choice of digital audio workstation from Digidesign, and this great-sounding interface will help take you where you want to go.

TECHNICAL SPECIFICATIONS

ANALOG-TO-DIGITAL PERFORMANCE

- 20-bit A/D converters, Delta-Sigma
- Signal-to-Noise Ratio: 103 dB or greater (A-weighted); 100 dB or greater (unweighted) @ 22 Hz - 22 kHz
- THD+N: <0.003% @ 1 kHz; 20 Hz - 20 kHz
- Frequency Response: >22 Hz to 22 kHz, ±0.5 dB

DIGITAL-TO-ANALOG PERFORMANCE

- 20-bit D/A converters, Delta-Sigma
- Signal-to-Noise Ratio: 98 dB or greater (A weighted); 96 dB or greater (unweighted) @ 22 Hz - 22 kHz
- THD+N: <0.003% @ -1 dBFS, 1 kHz; 22 Hz - 22 kHz
- Frequency Response: >22 Hz to 22 kHz, ±0.5 dB

MISC. SPECIFICATIONS

- S/PDIF resolution: 24-bit
- Max input and output level: +18 dBu

PHYSICAL SPECIFICATIONS

- Power Requirements
 - Voltage: 85 to 264 VAC
 - Frequency: 47 to 63 Hz, autoswitching
 - Wattage: 5 W typical, 30 W max
- Weight: 4.8 lbs. (2.2 kg)
- Dimensions: 1U external rack mount device; 19" x 1.75" x 7.5" (48.26 cm x 4.45 cm x 24.77 cm); black anodized finish

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