24-bit Digital Audio Workstation Controller US-428

The US-428, co-developed by TASCAM and Frontier Design Group, is a USB controller for Windows PC and Macintosh based MIDI Sequencing and Digital Audio Recording programs. The US-428 provides a quicker and more intuitive link between audio I/Os and digital audio recording software than a conventional mouse and keyboard.

When tracking or mixing, the US-428 handles four bands of fully parametric EQ, level, pan, multiple Aux sends, I/O routing, and three user-definable parameters. The number of channels that the US-428 can control is limited only by the sequencer or recording software.

USB connection isolates the US-428 circuits from computer noise for enhanced audio performance. The US-428 includes Steinberg™ Cubasis VST (MIDI sequencing and digital audio recording) and Xing AudioCatalyst (MP3 encoding) software.

The US-428 is the perfect interface between familiar analogue recording principles and computer-based digital processes. Its instinctive controls and high audio fidelity make it ideal for recording and post-production facilities.

main features

24-bit ADC and DAC

44.1 and 48kHz sampling frequencies

4 analogue line inputs, 2 XLR inputs and 2 Hi-Z inputs, plus 2 analogue outputs

SPDIF digital outputs

Mixing and Recording function controls

8-channel control surface with bank switches

Multiple program compatibility (Steinberg™ Cubasis VST, Xing AudioCatalyst included)

Mixer control:
- 4-band parametric EQ
- Pan
- MUTE/SOLO switches with SOLO key
- 8 x 45mm linear faders
- AUX 1-4 (parameter control via jog dial)
- Track assign
- 3 user definable parameters
- Null function (navigation by REC and SELECT LED)

Recorder control
- Transport controls
- 24-track record functions
- 2-point locate

USB cable with Windows PC and Mac driver software included

2 MIDI In and 2 MIDI Out terminals

Headphone output with independent level control

TASCAM US-428 by

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rear panel features

Analogue inputs A-B:
- XLR balanced terminal and balanced 0.25" jack for Mic level to Line level.

Analogue inputs C-D:
- Unbalanced 0.25" jacks for Instrument level to Line level.

Digital inputs:
- Coaxial RCA SPDIF input.
- Interchangeable with analogue inputs C-D.

Outputs:
- Unbalanced RCA Line outputs
- Coaxial RCA SPDIF outputs
- Stereo headphone jack

B-type USB connection

MIDI input (x2) and MIDI output (x2)

features

- 4-band full-parametric EQ controllers
- 4 Aux controllers
- User-programmable Data Wheel and Soft Keys
- PAN adjusts the SELected channel
- Dedicated transport command keys

specifications

AUDIO PERFORMANCE

Frequency Response . . . . .20Hz-20kHz ±1dB
Signal to noise ratio . . . . .Better than 80dB
Dynamic range . . . . .Better than 106dB (D/A converter)
Better than 97dB (A/D converter)

ANALOGUE TERMINALS

INPUTS
Balanced XLR, impedance 2.2kΩ
Balanced 0.25" jack, impedance 22kΩ
Unbalanced 0.25" jack, impedance . . . . .680kΩ (GUITAR)
47kΩ (MIC/LINE)

OUTPUTS
Unbalanced RCA, impedance 100Ω

DIGITAL TERMINALS

Input RCA jack . . . . IEC 60958 (Type II SPDIF)
Output RCA jack . . . . IEC 60958 (Type II SPDIF)

CONTROL TERMINALS

MIDI (2 x IN, 2 x OUT) . . . . .5-pin DIN
USB . . . . .B-type USB connector

GENERAL

Power consumption 5W
Dimensions (WxHxD): . . . . .368 × 84 × 294mm
Weight . . . . .2kg (US-428), 0.3kg (power adapter)

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www.tascam.com

Design and specifications subject to change without notice.