

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.

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)

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.

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

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.

TASCAM US-428 by



TASCAM

24-bit Digital Audio Workstation Controller US-428

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)

**specifications****AUDIO PERFORMANCE**

| | |
|-----------------------|--|
| Frequency Response |20Hz-20kHz ±1dB |
| Signal to noise ratio |Better than 80dB |
| Dynamic range |Better than 106dB (DA converter) Better than 97dB (AD converter) |

ANALOGUE TERMINALS**INPUTS**

| | |
|----------------------------------|---|
| Balanced XLR, impedance | 2.2kΩ |
| Balanced 0.25" jack, impedance | 2.2kΩ |
| 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 x 84 x 294mm |
| Weight | 2kg (US-428), 0.3kg (power adapter) |

**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

TEAC CORPORATION 3-7-3, Nakacho, Musashino-shi, Tokyo 180-8550, Japan Phone: (0422)-52-5082
 TEAC AMERICA, INC. 7732 Telegraph Road, Montebello, CA 90640 U.S.A. Phone: (323)-726-0303
 TEAC CANADA LTD. 5939 Wallace Street, Mississauga, Ontario L4Z 1Z8, Canada Phone: 905-890-8008
 TEAC MEXICO, S.A. de C.V. Campeones No. 184, Colonia Granjas Esmeralda, Delegacion Itzapalapa C.P. 09810 Mexico, D.F. Mexico Phone: 52 (5) 581-5500
 TEAC UK LIMITED 5 Martin House, The Crookley Centre, Watford, Herts, WD1 8YA, U.K. Phone: 01923 819620
 TEAC DEUTSCHLAND GmbH Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany Phone: 0611-71580
 TEAC FRANCE S.A. 17 Rue Alexis-de-Tocqueville, CE 005 92182 Antony Cedex, France Phone: 01 42 37 01 02
 TEAC BELGIUM NV/SA P.A. TEAC NEDERLAND B.V. Oeverkruis 15, NL-4941 VV Raamsdonkveec, Netherlands Phone: (31) 0162-51060
 TEAC NEDERLAND B.V. Oeverkruis 15, NL-4941 VV Raamsdonkveec, Netherlands Phone: (31) 0162-510210
 TEAC ITALIANA S.p.A. Via C. Carro 11, 20092 Cinisello Balsamo, Milano, Italy Phone: 02-66010500
 TEAC AUSTRALIA PTY. LTD. 106 Bay St., Port Melbourne, Victoria 3207, Australia Phone: (03) 9646-1733

Design and specifications subject to change without notice.

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www.tascam.com