

UFC-24

Universal Format Converter

In today's world of multi-format digital recording technologies, Otari's UFC-24 Universal Format Converter simplifies multi-channel digital audio transfers. With self-clocking sync from 32kHz to 48 kHz, and resolution of up to 24-bits, UFC-24 supports all common professional digital audio formats, including: TDIF-1, ADAT, SDIF-2, PD and AES/EBU (optional).

Designed to be easy to set up and operate, any supported input signal is instantly available through all outputs. For more advanced

operation, user-definable routing allows variable I/O assignment. The user can store up to six I/O routing profiles for easy, one-button, recall.

MIDI interface allows input format and channel routing presets to be manipulated via an external sequencer or other MIDI Controller.

Multiple UFC-24s can be linked, with sample-accurate resolution, for transfers requiring more than 24 tracks. LED status indication panels display all system parameters, as well as lock state of the source signal and MIDI settings.

This combination of powerful features, ease of operation and affordable price make the UFC-24 an indispensable tool for every studio and production facility.

PRODUCT HIGHLIGHTS:

- 24-Channel simultaneous Digital Audio Format Conversion
- Supported formats: TDIF-1, ADAT, SDIF-2, PD and AES/EBU (optional)
- Exceptional sound quality
- Handles 32kHz to 48 kHz sample rates, 16- to 24-bit resolution
- Sample accurate sync with multiple units
- User-definable track routing accessed through six user presets
- MIDI triggering of track-routing presets
- Comprehensive LEDs indicate machine status



UFC-24 SPECIFICATIONS:

DIGITAL AUDIO FORMATS

ADAT (RADAR)
 PD
 SDIF-2 (DASH)
 TDIF-1 (RADAR II)
 AES/EBU (optional)

AUDIO INPUT/OUTPUT

Sample rates From 32 kHz - 50 kHz

AUDIO INPUT/OUTPUT CONNECTIONS

3 pairs of optical transceivers for ADAT Input/Output
 Two-50-pin male D-sub for PD Input
 Two 50-pin female D-sub for PD Output
 One 50-pin male D-sub for SDIF-2 Input
 One 50-pin female D-sub for SDIF-2 Output
 One BNC, 75 ohms, TTL for SDIF-2 WCLK In/Multi-UFC-24 Sync In
 One BNC, 75 ohms, TTL for SDIF-2 WCLK Out
 Three 24-pin female D-sub for TDIF-1 Input/Output
 One BNC, 75 ohms, TTL for TDIF-1 WCLK Out
 One BNC, 75 ohms, TTL for Multi-UFC-24 Sync Out
 Three 25-pin female D-sub for opt. AES-EBU Inputs
 Three 25-pin male D-sub for opt. AES-EBU Outputs

PHYSICAL DIMENSIONS

Size 19" x 3.5" x 9.2"
 48.26 x 8.89 x 23.37 cm
 (2 standard rack spaces)
 Weight 20 lbs. (5.5 kg)

ELECTRICAL

Power Requirements:

USA/Canada 115 Volts AC, 60 Hz
 (auto switching power supply)
 Europe 220 Volts AC, 50 Hz
 (auto switching power supply)

Power Consumption w/o AES Card:

Quiescent 14 watts
 Maximum 35 watts

Power Consumption with AES Card Installed:

Quiescent 17 watts
 Maximum 40 watts

Standard Accessories

120V AC Power Cable
 User's Manual

Optional Accessories

AES/EBU Conversion Card - 8 Channel
 AES/EBU Conversion Card - 24 Channel
 UFC-24 Applications Guide



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