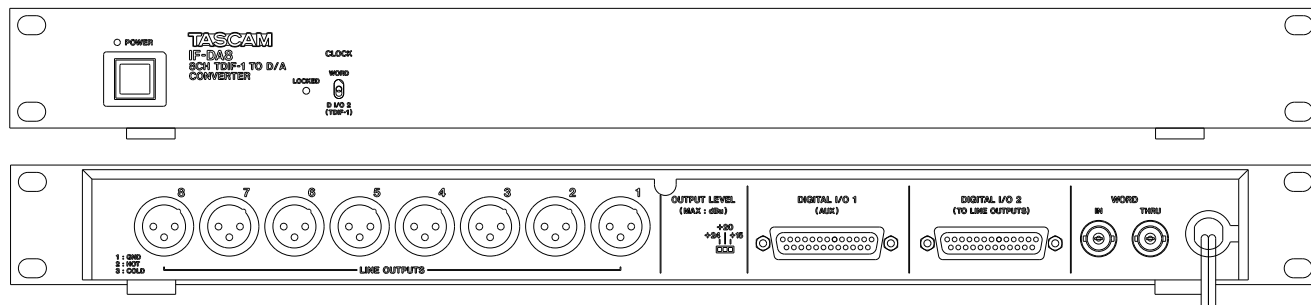## PRODUCT OVERVIEW

TASCAM's IF-DA8 is an eight channel TDIF to Analog converter. Two TDIF ports are provided on the IF-DA8. The dual port design allows the box to act as either the end of a chain, providing an analog output to a TDIF line, or it can be connected between two TDIF devices, allowing them to communicate to each other freely, yet split off an analog copy of one device's signal. The IF-DA8 was built with extremely high quality converters for the best sound quality possible, and offers multiple 0dB reference levels for optimal interconnecting with virtually any equipment. A separate word sync in and thru are provided for integration with larger digital chains with central clock distributors.

• Converts TDIF to XLR Balanced Analog

• 24 bit D/A Converters

• Switchable 0dB Reference Level: -9dB, -16dB, -20dB
  (Maximum Output Level of +15dBu, +20dBu, +24dBu)

• Word Sync In/Thru

• Pass Thru TDIF Port for Chaining Other Devices

• Single Space Rack Mount Design

APPLICATIONS

The IF-DA8 is a high quality digital format converter from TDIF to analog, so any number of applications can be imagined. However, the two primary applications are listed below.

Surround Sound Monitoring of a Digital Console

In just about every budget oriented digital console currently on the market, surround mixing is handled on the mixer's busses. The only place the busses come out of the digital console is the multitrack I/O slot. So, to hear the surround mix, a multitrack I/O (and a multitrack) would have to be dedicated to converting the digital multitrack I/O to analog for monitoring purposes... unless you have an IF-DA8.

The IF-DA8 allows the TDIF communication to continue between the mixer and multitrack, so you maintain your full track count. The IF-DA8 will split off the buss send from the console and convert it to analog on the XLR jacks. The IF-DA8 saves the track count, and supplies the high quality D/A in an affordable package.

Integration of an Analog Recorder into a Digital Mixer

Users who are trying to maintain their analog recorders in their studios but want to take advantage of a digital console's total recall and automation power can use an IF-DA8 to convert buss and multitrack sends to analog for the recorder. Just add your favorite A/D box (such as an MA-AD8) and the system is ready to go.

SPECIFICATIONS

XLR Line Outputs Levels:	SMPTE Standard
	+4dBu Nominal Level, (-24dB Full Scale)
	+24dBu Maximum Level
	TASCAM Standard
	+4dBu Nominal Level, (-16dB Full Scale)
	+16dBu Maximum Level
	EBU2 Standard
	+6dBu Nominal Level, (-9dB Full Scale)
	+15dBu Maximum Level
Signal to Noise Ratio:	>100dB (IHF-A)
Crosstalk:	>70dB (Adjacent Channels @ 10kHz)
Total Harmonic Distortion:	<0.01%
Digital I/O Format:	TDIF-1
Sampling Frequency:	44.1kHz, 48kHz ±6%
D/A Resolution:	24 bit
Clock Source:	D I/O 2, Word Sync In
Word Clock I/O	BNC, 75 Ohm, auto terminating

General Specifications:

Power Requirements:	120V AC, 60 (US/Canada Model)
	230V AC, 50Hz (Europe Model)
	240V AC, 50Hz (Australia)
Power Consumption:	10W
Dimensions:	482 x 48 x 204.5 mm
	19" x 1-7/8" x 8-1/16"
Weight:	2.5Kg, 5.51 lbs

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All features and specifications are subject to change without notice. Contact your local TASCAM representative for the latest information.

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