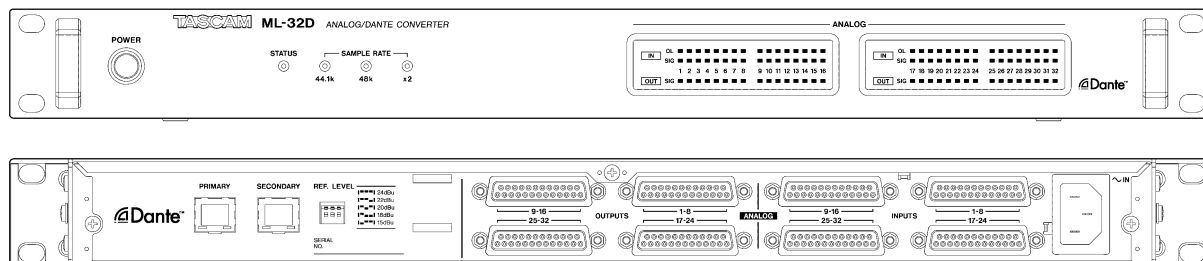


Dec, 2017

# Product Spec Sheet

## 32ch ANALOG/DANTE CONVERTER

### ML-32D



## ■ Specifications

### Ratings

#### •Formats

44.1/48 kHz, 16/24 bit  
88.2/96 kHz, 16/24 bit

### Input/output ratings

#### •PRIMARY/SECONDARY connectors

Connector: RJ-45  
Transmission protocol: Dante  
Gigabit Ethernet standard: 1000BASE-T (IEEE 802.3ab)  
Cables: category 5e or faster STP cables

#### •ANALOG OUTPUTS connectors

Connector: D-sub 25-pin  
Locking screws: No. 4-40 UNC (inch type)  
Nominal output levels: +4 dBu, +6 dBu (only when maximum output level is +15 dBu)  
Maximum output levels: +24 dBu, +22 dBu, +20 dBu, +18 dBu, +15 dBu (set by REF. LEVEL switches)  
Output impedance: 200  $\Omega$  or lower  
Applicable load impedance: 2 k $\Omega$  or higher

#### •ANALOG INPUTS connectors

Connector: D-sub 25-pin  
Locking screws: No. 4-40 UNC (inch type)  
Nominal input levels: +4 dBu, +6 dBu (only when maximum input level is +15 dBu)  
Maximum input levels: +24 dBu, +22 dBu, +20 dBu, +18 dBu, +15 dBu (set by REF. LEVEL switches)  
Input impedance: 10 k $\Omega$  or higher

●0 dBu = 0.775 Vrms

### Audio performance

#### ●ANALOG IN $\Rightarrow$ DANTE OUT

##### •Frequency response

+0.1 dB/−0.5 dB: 20 Hz/20 kHz (−16 dBFS input, 44.1/48 kHz sampling frequency, JEITA)  
+0.1 dB/−0.5 dB: 20 Hz/40 kHz (−16 dBFS input, 88.2/96 kHz sampling frequency, JEITA)

##### •Distortion (THD+N)

0.001% or less (−1 dBFS input, 1 kHz, 44.1/48/88.2/96 kHz sampling frequency, JEITA)

##### •S/N ratio

113 dB or higher (44.1/48/88.2/96 kHz sampling frequency, JEITA)

• **Crosstalk**

115 dB or higher (1 kHz, 44.1/48/88.2/96 kHz sampling frequency, JEITA)

● **DANTE IN ⇒ ANALOG OUT**

• **Frequency response**

+0.1 dB/−0.5 dB: 20 Hz/20 kHz (−16 dBFS input, 44.1/48 kHz sampling frequency, JEITA)

+0.1 dB/−1.0 dB: 20 Hz/40 kHz (−16 dBFS input, 88.2/96 kHz sampling frequency, JEITA)

• **Distortion (THD+N)**

0.001% or less (−1 dBFS input, 1 kHz, 44.1/48/88.2/96 kHz sampling frequency, JEITA)

• **S/N ratio**

110 dB or higher (44.1/48/88.2/96 kHz sampling frequency, JEITA)

• **Crosstalk**

115 dB or higher (1 kHz, 44.1/48/88.2/96 kHz sampling frequency, JEITA)

**Other**

• **Power**

AC100–240 V, 50/60 Hz

• **Power consumption**

22 W

• **Dimensions (width × height × depth)**

483 × 45 × 303.8 mm (W × H × D)

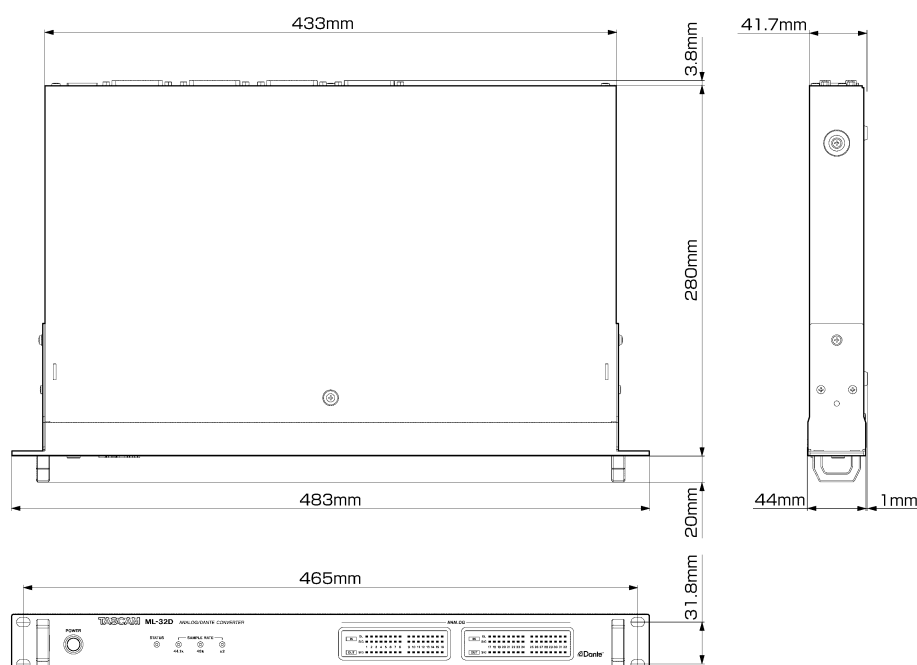
• **Weight**

3.5 kg

• **Operating temperature range**

0–40 °C

■ **Dimensional drawings**



※TASCAM is trademark of TEAC CORPORATION, registered in the U.S. and other countries.

※Other company names, product names and logos are the trademarks or registered trademarks of their owners.

※Specifications and appearance are subject to change without notice.

※All information included in this document is as of Dec, 2017.