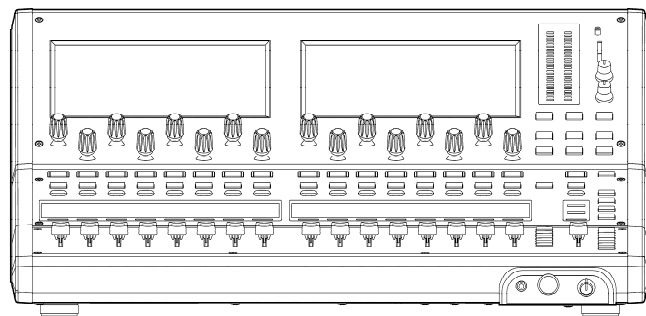
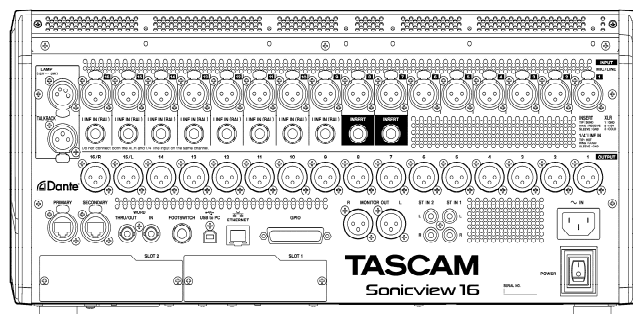
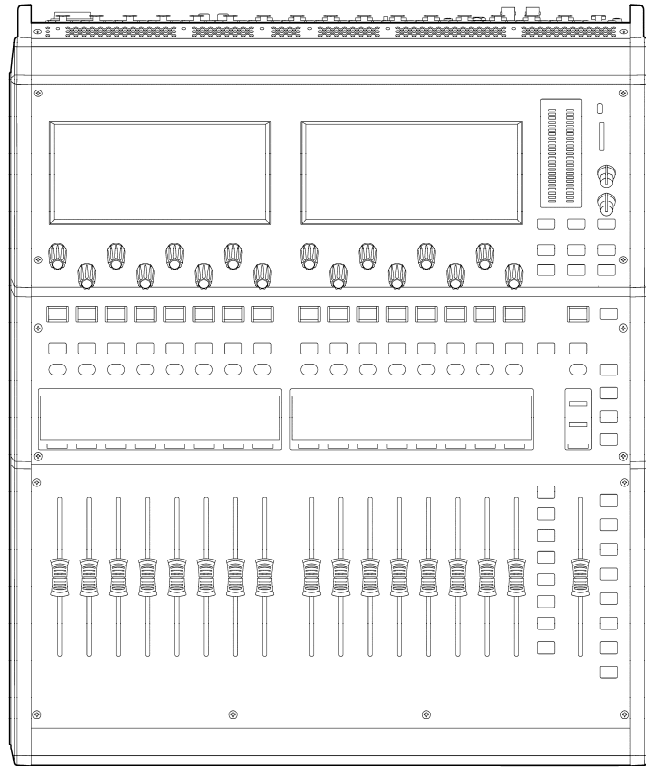


Apr,2022

Product Spec Sheet DIGITAL MIXER **Sonicview 16**



[Specifications and rated values]**Audio performance**

0 dBu = 0.775 Vrms

Mic amp EIN (equivalent input noise)

-128 dBu or less

Frequency response

MIC/LINE IN to OUTPUT (Analog)

20 Hz - 20 kHz : +0 dB, -0.5 dB (48 kHz) (JEITA)

20 Hz - 40 kHz : +0 dB, -1.0 dB (96 kHz) (JEITA)

Dynamic range

108 dB or more (MIC/LINE IN to OUTPUT (Analog), PAD = OFF,

A.Ref = +4 dBu, GAIN = 12, Clock master = INT, JEITA)

110 dB or more (MIC/LINE IN to DANTE OUT, PAD = OFF, A.Ref = +4 dBu, GAIN = 12, JEITA)

112 dB or more (DANTE IN to OUTPUT (Analog), Clock master = INT, JEITA)

Distortion

0.002% or less (MIC/LINE IN to OUTPUT (Analog), Input at +4 dBu, PAD = OFF, A.Ref = +4dBu, GAIN = 12, JEITA)

0.002 % or less (MIC/LINE IN to DANTE OUT, Input at +4 dBu, PAD = OFF, A.Ref = +4 dBu, GAIN = 12, JEITA)

0.002 % or less (DANTE IN to OUTPUT (Analog), Input at 0 dBFS, JEITA)

Crosstalk

100 dB or more (MIC/LINE IN to OUTPUT (Analog), 1 kHz sine wave, JEITA)

A.Ref: Analog Reference Level setting

Analog audio input and output ratings

0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms

MIC/LINE input jacks

1-16

Connectors: XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)

Input levels:

Pad off

Maximum input level : +12 dBu (TRIM at minimum)

Minimum input level : -62 dBu (TRIM at maximum)

Pad on

Maximum input level : +32 dBu (TRIM at minimum)

Minimum input level : -42 dBu (TRIM at maximum)

Input impedance : 5.0 k Ω or more**NOTE**

+48V phantom power can be supplied to each MIC/ LINE input jack separately.

LINE IN (BAL) jacks

9-16

Connectors: 6.3mm (1/4") TRS phone jacks (Tip: HOT, Ring: COLD, Sleeve: GND)

Input levels:

Pad off

Maximum input level : +12 dBu (TRIM at minimum)

Minimum input level : -62 dBu (TRIM at maximum)

Pad on

Maximum input level : +32 dBu (TRIM at minimum)

Minimum input level : -42 dBu (TRIM at maximum)

Input impedance: :5.0 k Ω or more

INSERT jacks

7-8

Connectors: 6.3 mm (1/4") standard TRSphone jacks
(Tip: SEND, Ring: RETURN, Sleeve: GND)

RETURN (Ring)

Maximum input level :+18 dBu
Nominal input level :-2 dBu
Input impedance :5 k Ω or more

SEND (Tip)

Maximum output level :+18 dBu
Nominal output level :-2 dBu
Output impedance :100 Ω or less

TALKBACK input jack

Connectors: XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)

Maximum input level :+10 dBu
Minimum input level :-65 dBu
Gain adjustment range :0 - 55 dB
Input impedance :5.0 k Ω or more

NOTE

+48V phantom power can be supplied.

ST IN 1-2 L/R jacks

Connectors: RCA pin jacks

Maximum input level :+6 dBV
Nominal input level :-10 dBV
Headroom :16 dB
input impedance :10 k Ω or more

OUTPUT 1-16 jacks

Connectors : XLR-3-32 equivalent (1: GND, 2: HOT, 3: COLD)
Output impedance : 100 Ω or less
Nominal output level :+6dBu (D.Ref: -9 dBFS, A.Ref:+6 dBu)
 :+4dBu (D.Ref: -14/-16/-18/-20 dBFS, A.Ref: +4 dBu)
 :0dBu (D.Ref: -18/-20 dBFS, A.Ref: 0 dBu)

Maximum output level :+15 dBu (D.Ref: -9 dBFS, A.Ref: +6 dBu)
 :+18 dBu (D.Ref: -18 dBFS, A.Ref: 0 dBu)
 :+20 dBu (D.Ref: -20 dBFS, A.Ref: 0 dBu)
 :+18 dBu (D.Ref: -14 dBFS, A.Ref: +4 dBu)
 :+20 dBu (D.Ref: -16 dBFS, A.Ref: +4 dBu)
 :+22 dBu (D.Ref: -18 dBFS, A.Ref: +4 dBu)
 :+24 dBu (D.Ref: -20 dBFS, A.Ref: +4 dBu)

D.Ref: Digital Reference Level setting

A.Ref: Analog Reference Level setting

MONITOR OUT L/R jacks

Connectors : XLR-3-32 equivalent (1: GND, 2: HOT, 3: COLD)
Maximum output level :+24 dBu
Nominal output level :+4 dBu
Output impedance : 100 Ω or less

Phones jack

| | |
|----------------|--|
| Connectors | : 6.3mm (1/4") stereo phone jack, : 3.5mm (1/8") stereo mini jack |
| Maximum output | : 100 mW + 100 mW (32 Ω load, when connected to only one jack) |

Digital audio input/output ratings**Dante PRIMARY/SECONDARY connectors**

| | |
|---------------------------|--|
| Connector | : etherCON Cat5e compatible connector* |
| Transmission protocol | : Dante |
| Gigabit Ethernet standard | : 1000BASE-T (IEEE 802.3ab) |
| Cables | : category 5e or faster STP cables |

* etherCON is a registered trademark of Neutrik AG.

USB Audio

| | |
|-------------------|---------------------------------------|
| Sampling Rate | : 48 kHz, 96 kHz |
| Bit Depth | : 32 bit |
| Number of inputs | : 32 channels (Input to this unit) |
| Number of outputs | : 32 channels (Output from this unit) |

Control input/output ratings**FOOTSWITCH jack**

| | |
|-----------|--|
| Connector | : 6.3mm (1/4") TS phone jack (Tip: HOT, Sleeve: GND) |
|-----------|--|

ETHERNET connector

| | |
|----------------------|--------------------------|
| Connector | : RJ-45 |
| Compatible standards | : 100BASE-TX, 1000BASE-T |

GPIO connector

| | |
|-----------|--|
| Connector | : 25-pin D-sub (8-in/8-out, female, inch-standard) |
|-----------|--|

Other input and output specifications**USB port (Top panel)**

| | |
|-----------|---------------------------------|
| Connector | : 4-pin USB Type-C |
| Protocol | : USB 2.0 HIGH SPEED (480 Mbps) |

USB port (Rear panel)

| | |
|-----------|---------------------------------|
| Connector | : USB Type-B |
| Protocol | : USB 2.0 HIGH SPEED (480 Mbps) |

LAMP jack

| | |
|----------------------|--|
| Connector | : XLR 4-pin female (pin 4: +12V, pin 3: GND) |
| Power supply voltage | : 0 V – +12 V |
| Maximum output | : 5 W |

WORD IN connector

| | |
|-------------------------------|---|
| Connector | : BNC |
| Input level | : 0.5–5 V _{p-p} |
| Input impedance | : 75 Ω \pm 10% (termination resistance on) |
| Input frequency | : 48, 96 kHz |
| Allowable frequency deviation | : \pm 100 ppm |

WORD THRU/OUT connector

| | |
|------------------|------------------------|
| Connector | : BNC |
| Output level | : equivalent to 5V TTL |
| Output frequency | : 48, 96 kHz |

Recorder/Player specifications

Recording media

- SDHC cards (8GB–32GB, Class 10 or more)
- SDXC cards (64GB–128GB, Class 10 or more)
- USB flash drives (8GB–128GB, playback only)

NOTE

A list of SD cards that have been confirmed for use with this unit can be found on the TASCAM website. (https://tascam.jp/int/product/sonicview_16/docs) Alternatively, please contact TASCAM customer support service.

File System

- SDHC card : FAT32
- SDXC card : exFAT
- USB flash drives : FAT32/exFAT

Recording/playback formats

WAV/BWF

- Recording : 48/96 kHz, 24-bit, 2-channel
- Playback : 48/96 kHz, 16/24-bit, 2-channel

MP3

- Playback : 44.1/48 kHz, 32–320 kbps, 2-channel

AAC

- Playback : 44.1/48 kHz, 64–320 kbps, 2-channel

Other

Power

AC 100–240V, 50/60Hz

Power consumption

65W

External dimensions

472.0 x 228.1 x 554.4 mm (width × height × depth)

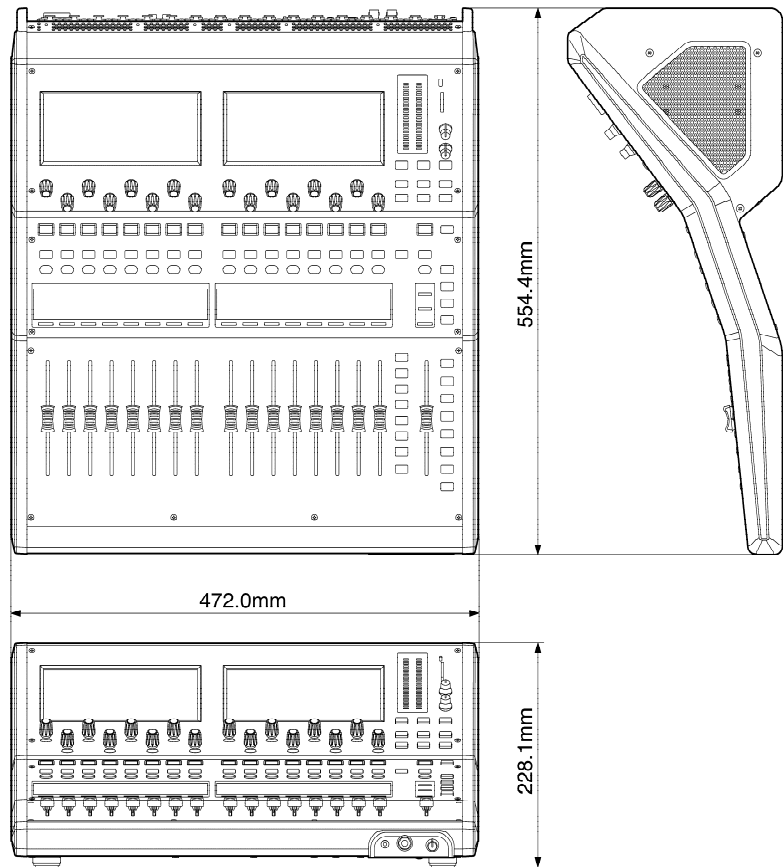
Weight

13 kg

Operating temperature range

0 – 40 ° C (32 – 104° F)

【Dimensional drawings】



※Illustrations in this manual might differ in part from the actual product.

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※Specifications and appearance are subject to change without notice.

※All information included in this document is as of April,2022