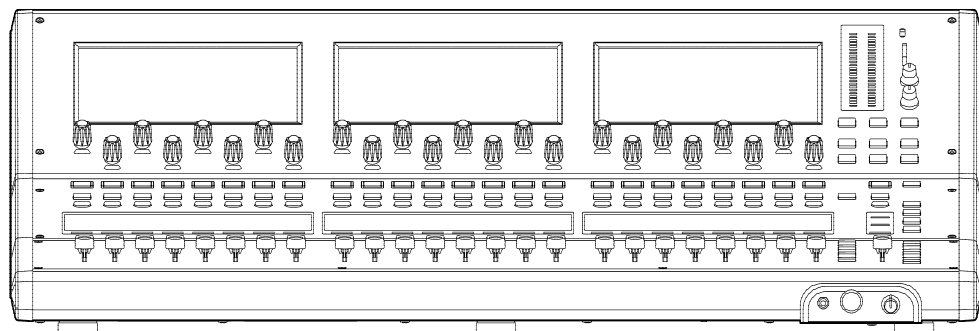
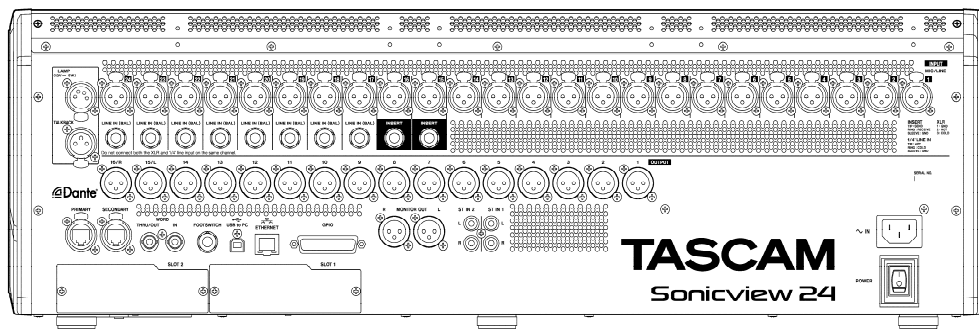
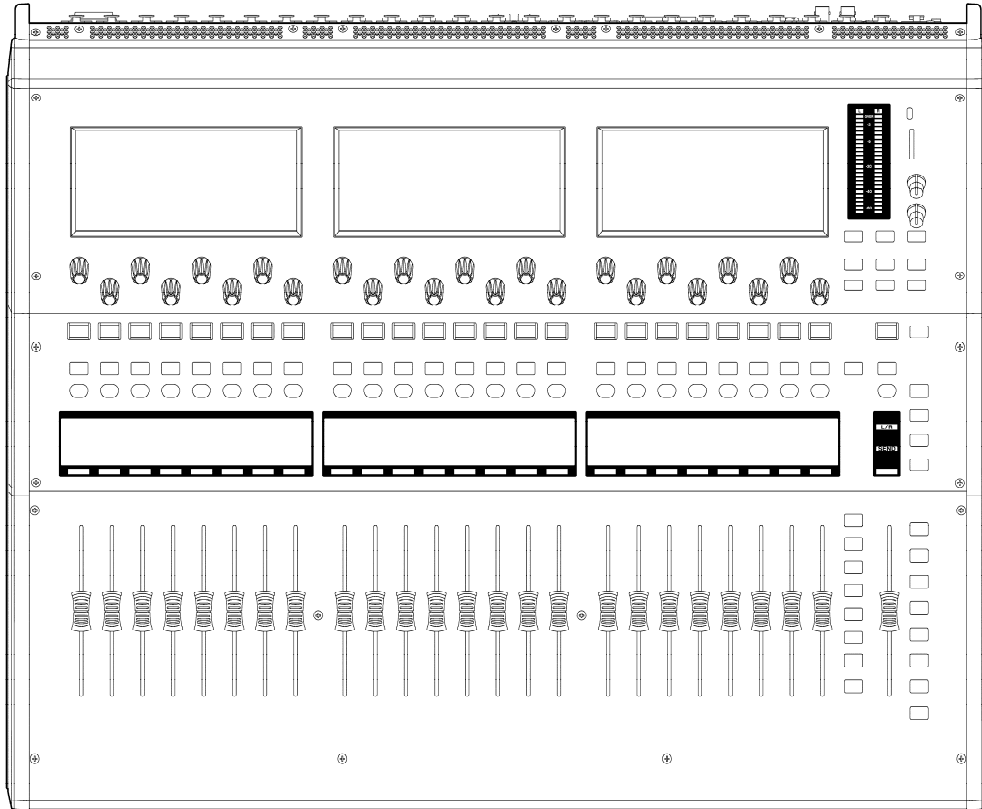


Apr,2022

## Product Spec Sheet DIGITAL MIXER **Sonicview 24**



**[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**

1-24

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 kΩ or more

**NOTE**

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

**LINE IN (BAL) jacks**

17-24

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 kΩ or more

**INSERT jacks**

15–16

Connectors: 6.3 mm (1/4") standard TRS jacks

(Tip: SEND, Ring: RETURN, Sleeve: GND)

RETURN (Ring)

Maximum input level : +18 dBu

Nominal input level : -2 dBu

Input impedance : 5 k $\Omega$  or more

SEND (Tip)

Maximum output level : +18 dBu

Nominal output level : -2 dBu

Output impedance : 100  $\Omega$  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 $\Omega$  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 $\Omega$  or more**OUTPUT 1-16 jacks**

Connectors : XLR-3-32 equivalent (1: GND, 2: HOT, 3: COLD)

Output impedance : 100  $\Omega$  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  $\Omega$  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 $\Omega$ 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)
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**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)
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**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 <sub>p-p</sub>
Input impedance	: 75 $\Omega$ $\pm$ 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\\_24/docs](https://tascam.jp/int/product/sonicview_24/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

85W

### External dimensions

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

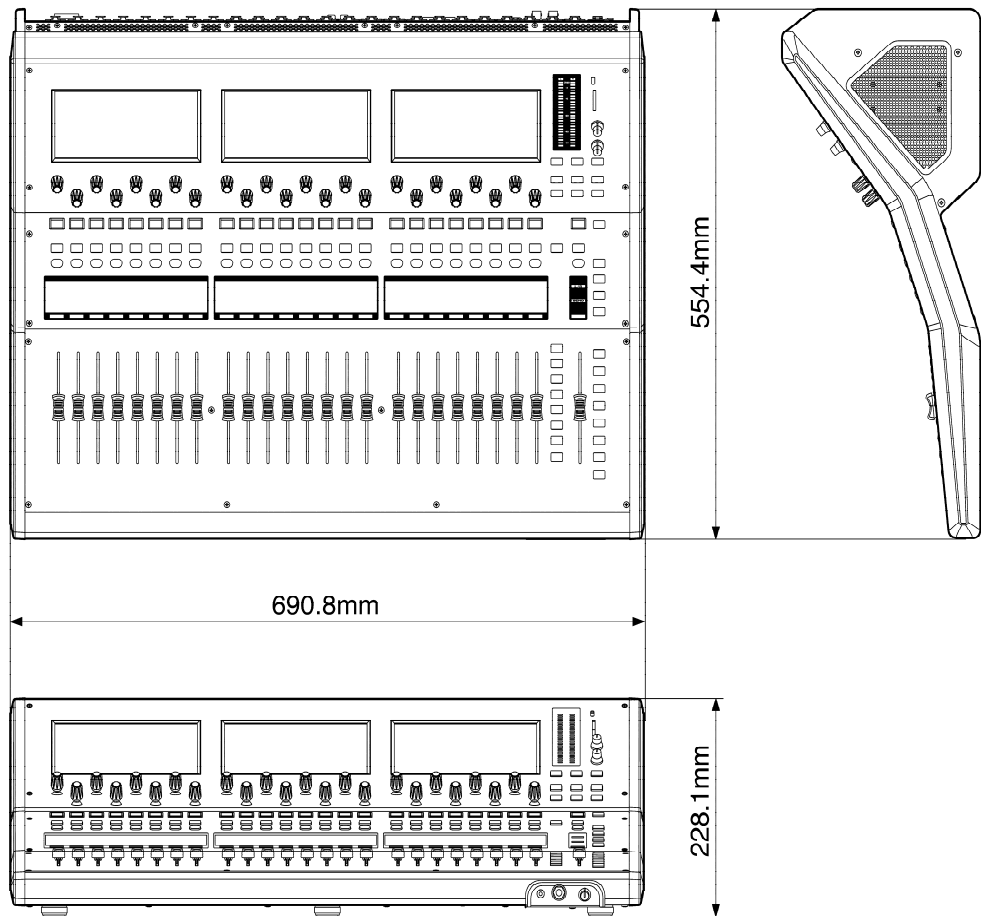
### Weight

18 kg

### Operating temperature range

0 – 40 ° C (32 – 104 ° F)

**【Dimensional drawings】**



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