Product Spec Sheet
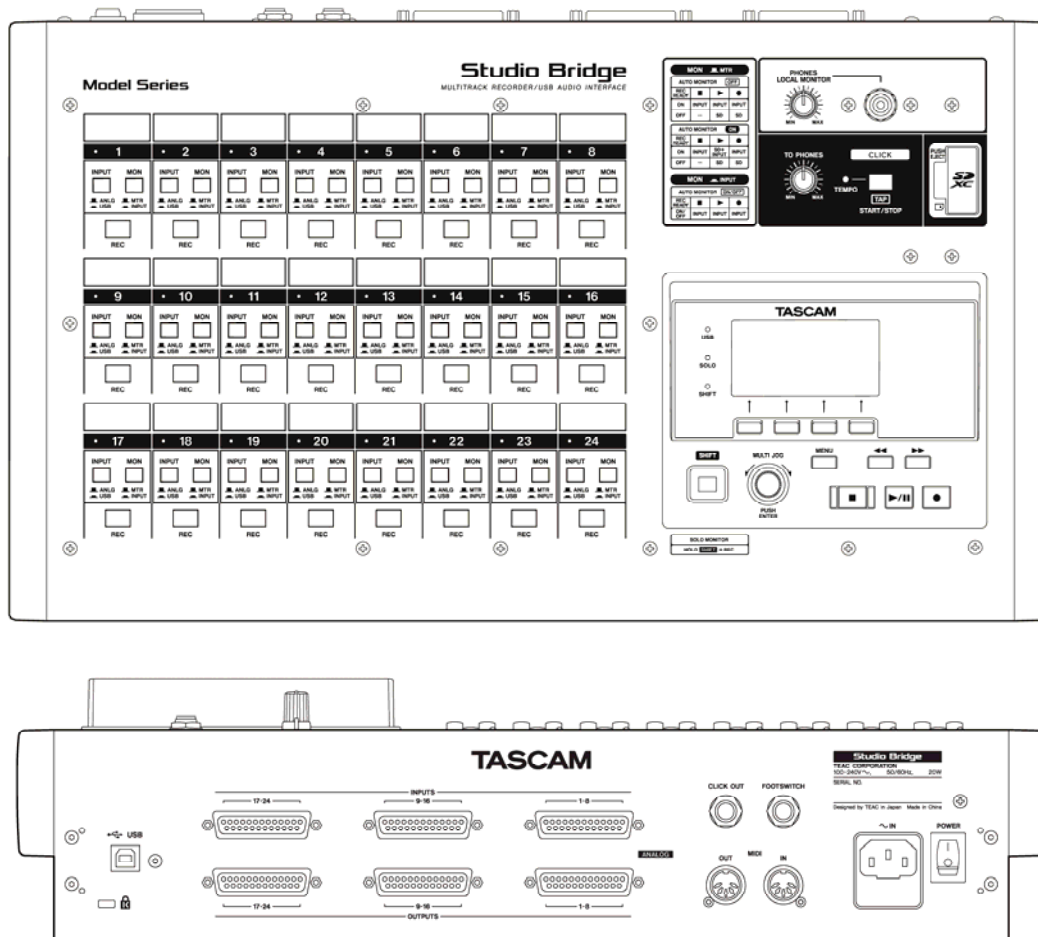## Model Series
Studio Bridge
Multitrack Recorder

Recorder specifications

Supported media

SD (512 MB to 2 GB), SDHC (4 GB to 32 GB), SDXC (64 GB to 512 GB)
(Class 10 or higher)

Recording format

WAV (BWF)

Playback format

WAV (BWF)

Sampling rate

44.1/48kHz

Quantization bit depth

16-bit/24-bit

Maximum number of recording tracks

24

Maximum number of input and output channels

Inputs: 24 / Outputs: 24

Analog audio input and output ratings

Line input connectors (1–8, 9–16, 17–24)＊

Connectors	: 25-pin balanced D-sub
Fixed screws	: No. 4-40 UNC (inch type)
Maximum input level	: +24 dBu
Nominal input level	: +4 dBu
Input impedance	: 10 kΩ or more

Line output connectors (1–8, 9–16, 17–24)＊

Connector	: 25-pin balanced D-sub
Fixed screws	: No. 4-40 UNC (inch type)
Maximum output level	: +24 dBu
Nominal output level	: +4 dBu
Output impedance	: 200 Ω

＊Pin assignments (same for 1-8, 9-16 and 17-24)
TASCAM DB-25 Pinout Standard (AES59-2012 compliant)

1-8 INPUTS/OUTPUTS
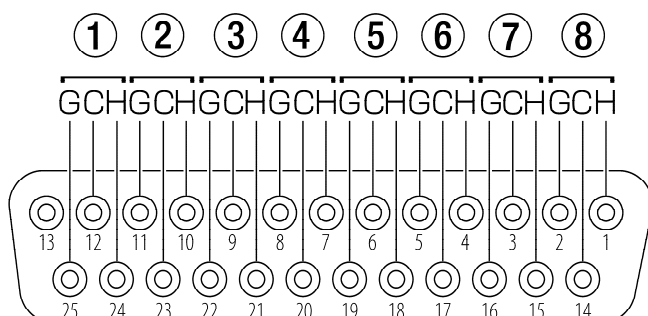   ch 1   ch 2   ch 3   ch 4   ch 5   ch 6   ch 7   ch 8

9-16 INPUTS/OUTPUTS
    ch 9   ch 10   ch 11   ch 12   ch 13   ch 14   ch 15   ch 16

17-24 INPUTS/OUTPUTS
    ch 17   ch 18   ch 19   ch 20   ch 21   ch 22   ch 23   ch 24

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

GCHGCHGCHGCHGCHGCHGCHGCH

13 12 11 10 9 8 7 6 5 4 3 2 1
25 24 23 22 21 20 19 18 17 16 15 14

G=GND C=COLD H=HOT

PHONES/LOCAL MONITOR jack

Connectors	: 6.3mm (1/4〞) standard stereo jack
Maximum output	: 80 mW + 80 mW (into 32Ω load)
Working headphone impedance	: 16 to 600 Ω

Note: 0 dBV=1 Vrms, 0 dBu=0.775 Vrms

Control input/output ratings

USB

Connector	: USB Type-B
Transfer format	: USB 2.0 HIGH SPEED
Device class	: Mass storage class

USB audio class 2.0 (USB class compliant)

USB audio

Sampling rate	: 44.1 kHz / 48 kHz
Quantization bit depth	: 24-bit
Number of inputs	: 24 channels ＊Output from this unit
Number of outputs	: 24 channels ＊Input to this unit

CLICK OUT jack
   Connectors   : 6.3mm (1/4") standard TRS jack (Tip: HOT, Ring: COLD, Sleeve: GND)

FOOTSWITCH jack
   Connectors   : 6.3mm (1/4") standard TRS jack (Tip: FOOTSW1, Ring: FOOTSW2,
                                   Sleeve: GND, supports momentary (unlatch) types)

MIDI OUT connector
   Connectors   : 5-pin DIN
   Format   : MIDI 1.0

MIDI IN connector
   Connector   : 5-pin DIN
   Format   : MIDI 1.0

Operating system and computer requirements

Check the TEAC Global Site (http://teac-global.com/) for the latest information about supported operating systems.

ATTENTION

Operation with each OS was confirmed with standard system setups that met the following conditions. Operation is not guaranteed, however, with all systems that meet the following conditions. Even computers that meet the same system requirements might have processing capabilities that differ according to their design specifications and other operating conditions

Studio Bridge

Windows

Supported operating systems
   Windows 11
   Windows 10 64-bit

Computer hardware requirements
   Windows computer with a USB 2.0 (or higher) port
     ●Using the TASCAM driver
     ●Operation not guaranteed with ARM64 CPUs

Mac

Supported operating systems
   macOS Sonoma (14)
   macOS Ventura (13)

Computer hardware requirements
   Mac with a USB 2.0 (or higher) port

iOS/iPadOS devices
   iOS 17/iPadOS 17
   iOS 16/iPadOS 16

NOTE

To connect an iOS device that has a Lightning connector, a Lightning to USB Camera Adapter made by Apple Inc is necessary.
To connect an iOS device that has a USB Type-C connector, a USB-C to USB Adapter made by Apple Inc is necessary.
In either case, use a USB cable that can transmit data.

Settings Panel (application)

Windows
   Windows 11
   Windows 10 64-bit

Mac
   macOS Sonoma (14)
   macOS Ventura (13)

Screen resolution/number of colors
1280 × 720 or higher
True Color (32-bit) recommended

Audio performance
(Line in q line out for both 44.1kHz and 48kHz sampling rates)
Frequency response
20 Hz – 20 kHz
(+0.3/−0.7 dB, 1 kHz)
Dynamic range
100 dB or more (22kHz LPF + A-weight)
Total harmonic distortion ratio (THD+N)
0.003% or less (1 kHz, at maximum input level)
Crosstalk
−100 dB or less (1kHz BPF)

Recording times

Recording format	Recording time (hours: minutes) for 32GB card
16-bit/44.1 kHz WAV, 24 tracks	4:10
16-bit/48 kHz WAV, 24 tracks	3:50
24-bit/44.1 kHz WAV, 24 tracks	2:47
24-bit/48 kHz WAV, 24 tracks	2:33

●The recording times shown above are estimates. They might differ depending on the SD card in use.

Other
Power
AC100–240V, 50/60 Hz
Power consumption
20W
Dimensions
With side panels
446.5 × 114.6 × 269.5 mm (W × H × D, including protrusions)
Without side panels
414.6 × 114.6 × 269.5 mm (W × H × D, including protrusions)
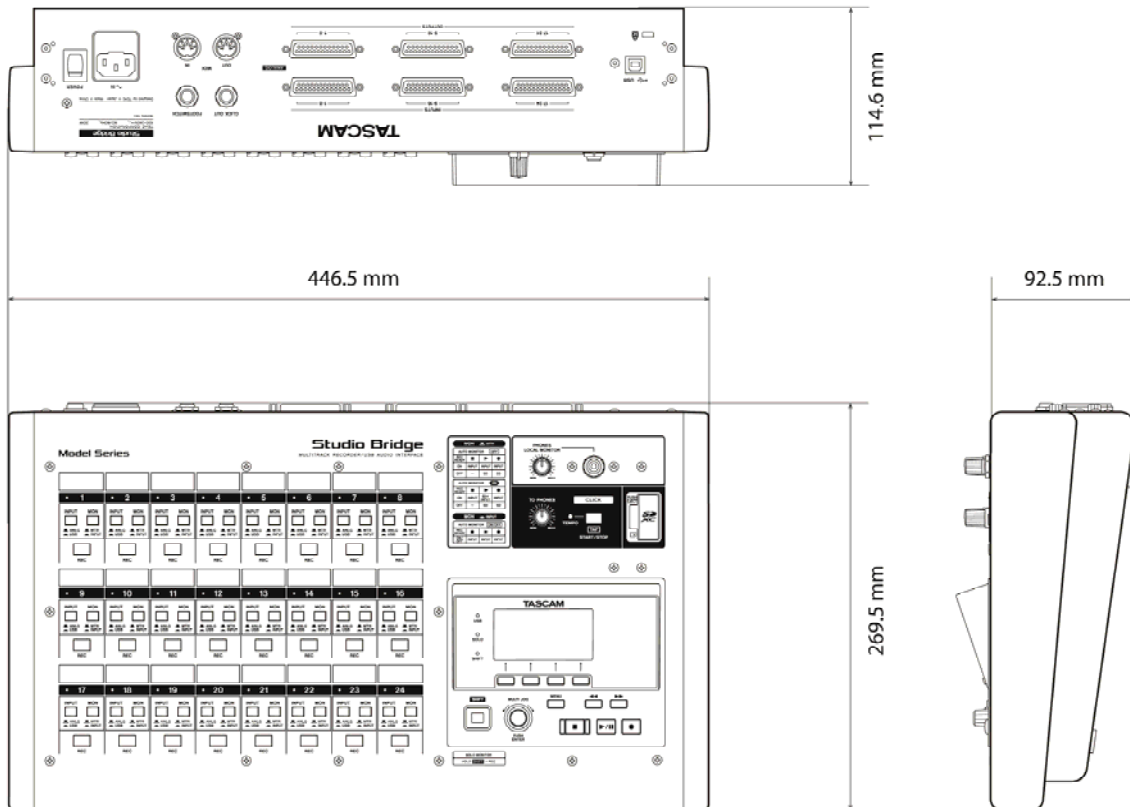### Weight
4.5kg
Operating temperature range
0 – 40° C (32 – 104° F)
Operating humidity range
5 – 85% (without condensation)

Dimensional drawings

114.6 mm

446.5 mm

92.5 mm

269.5 mm

_____

※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 Sep,2024.