Jan, 2022

Product Spec Sheet
Podcast Recording Console
Mixcast 4
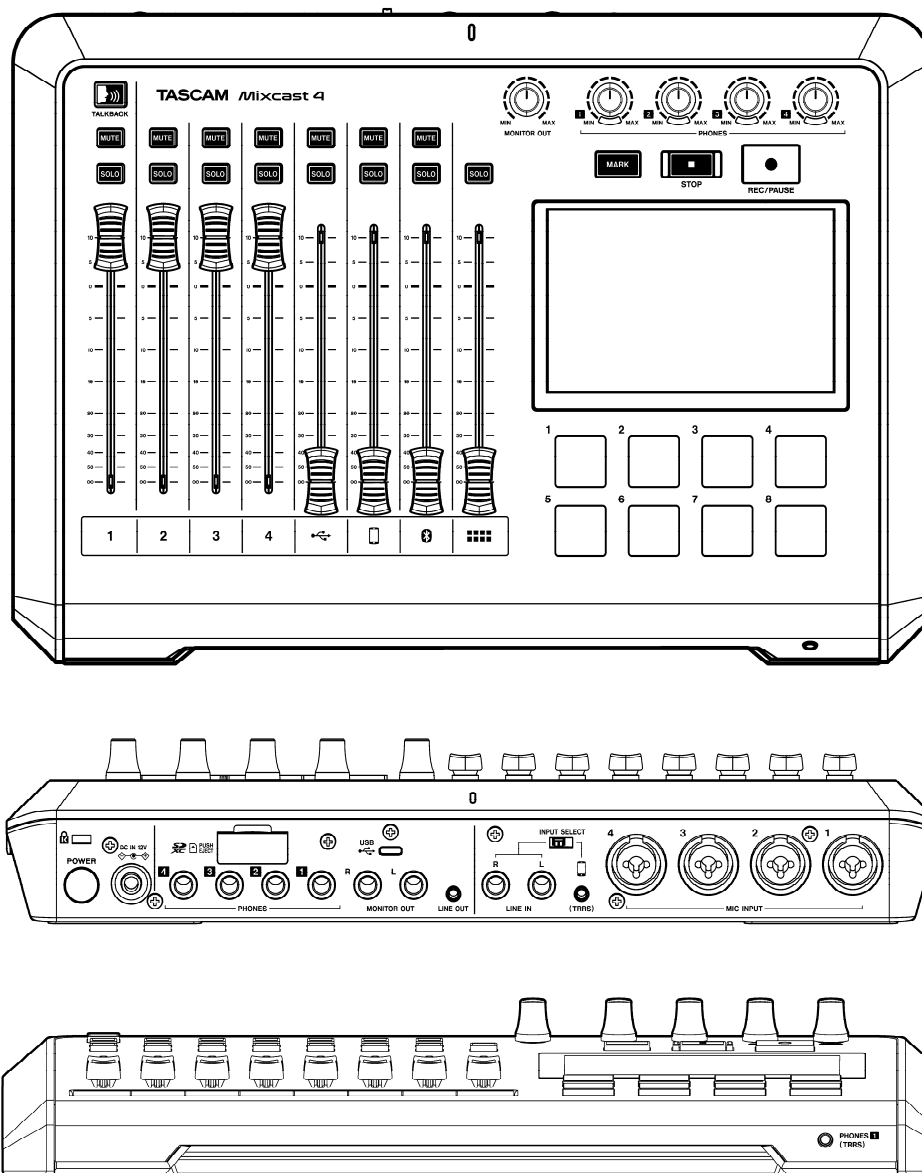
【Specifications/rated values】

Recorder specifications

Recording media

SD cards	(64 MB–2 GB)
SDHC cards	(4 GB–32 GB)
SDXC cards	(48 GB–512 GB)

Recording/playback formats

WAV: 48 kHz, 24–bit, 2–channel stereo/14–channel poly (BWF format)

Analog audio input ratings

Mic input jacks (1–4)

Connectors: XLR/TRS combo jacks

XLR:	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
TRS:	6.3 mm (1/4″) standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve: GND)
Maximum input level:	+10dBu(when LEVEL at min.)
Nominal input level:	−10 dBu (when LEVEL at min.)
Minimum input level:	−76.5 dBu (when LEVEL at max.)
Gain range:	66.5 dB
Input impedance:	2.1 kΩ

PHONES (TRRS) 1 jack (CTIA standard)

Connector:	3.5 mm (1/8″) 4-pole mini jack
Maximum input level:	+4 dBV(when LEVEL at min.)
Nominal input level:	−16 dBV (when LEVEL at min.)
Minimum input level:	−82.5 dBV (when LEVEL at max.)
Gain range:	66.5 dB
Input impedance:	2 kΩ

LINE IN (TRRS) jack (CTIA standard)

Connector:	3.5 mm (1/8″) 4-pole mini jack
Nominal input level:	+8 dBV
Maximum input level:	−12 dBV
Input impedance:	12 kΩ

LINE IN L/R (balanced) jacks

Connectors:	6.3 mm (1/4″) standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve:GND)
Maximum input level:	+24 dBu
Nominal input level:	+4 dBu
Input impedance:	11 kΩ

Analog audio output ratings

PHONES jacks (1-4)

Connectors:	6.3 mm (1/4″) standard stereo jacks
Maximum output:	45 mW + 45 mW (0.1% THD+N or less, into 32 Ω load)

PHONES (TRRS) 1 jack (CTIA standard)

Connector:	3.5 mm (1/8″) 4-pole mini jack

●PHONES (TRRS) 1 output splits from PHONES 1 output

LINE OUT (TRRS) jack (CTIA standard)

Connector:	3.5 mm (1/8″) 4-pole mini jack
Maximum output level:	−25 dBu
Nominal output level:	−45 dBu
Output impedance:	100 Ω

MONITOR OUT L/R (balanced) jacks

Connectors:	6.3 mm (1/4″) standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve:GND)
Maximum output level:	+20 dBu
Nominal output level:	+0 dBu
Output impedance:	200 Ω

LINE OUT jack

Connector:	3.5 mm (1/8″) stereo mini jack
Maximum output level:	+6 dBV
Nominal output level:	−14 dBV
Output impedance:	200 Ω

Audio performance

Mic amp EIN (equivalent input noise)

−125 dBu or less (150 Ω termination, LEVEL at max.)

Frequency response

Mic input jacks (1-4)

20 Hz − 20 kHz: +0.3 dB/−0.3 dB (JEITA)

S/N ratio

   101 dB (Mic input jacks (1-4), channel faders at 0, 20kHz SPCL LPF + A-Weight)

Distortion

   0.003% (Mic input jacks (1-4), 1kHz sine wave, channel faders at 0, 20kHz SPCL LPF)

Crosstalk

   95 dB or more

   Note: Measurement conditions conform to JEITA CP-2905B

Recording times (in hours: minutes)

Recording format		SIZE	
		4 GB	8 GB
24-bit/	14 ch	0:35	1:10
48 kHz WAV	2 ch	4:07	8:15

●The recording times shown above are not continuous recording times.
   They are total recordable times for SD/SDHC/SDXC cards.

USB specification

   Connector: USB Type-C

   Format: USB 2.0 High-Speed, Mass-storage class/USB Audio Class 2.0
                          (USB class-compliant)

USB Audio

   Sampling Rate   48 kHz

   Bit Depth   24 bit

   Number of inputs   14 channels *Output from this unit

   Number of outputs   2 channels *Input to this unit

Bluetooth

   Output class: 2 (about 10m* unobstructed transmission distance)

   Supported profile: A2DP

   Supported A2DP codecs: SBC, AAC

   Supported A2DP content protection: SCMS-T

   *The transmission distance is an estimate. The transmission distance
      may vary depending on the surrounding environment and radio wave conditions.

【Computer system requirements】

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

Windows

Supported operating systems

   Windows 10 64-Bit

Computer hardware requirements

   Windows computer with a USB 2.0 (or higher)

   *Operation is not guaranteed using the TASCAM driver with ARM64 CPUs

Mac

Supported operating systems

   macOS Big Sur (11)

   macOS Catalina (10.15)

Computer hardware requirements

   Mac with a USB 2.0 (or higher)

iOS/iPadOS devices

   iOS 14/iPadOS 14

   iOS 13/iPadOS 13

Android devices

Android 11

Android 10

*Compatibility has been confirmed, but this does not guarantee op eration with all devices.

【Other】

Power

Dedicated AC adapter (PS-P1220E NUT), DC 12 V

Power consumption

12.5 W (maximum)

Weight
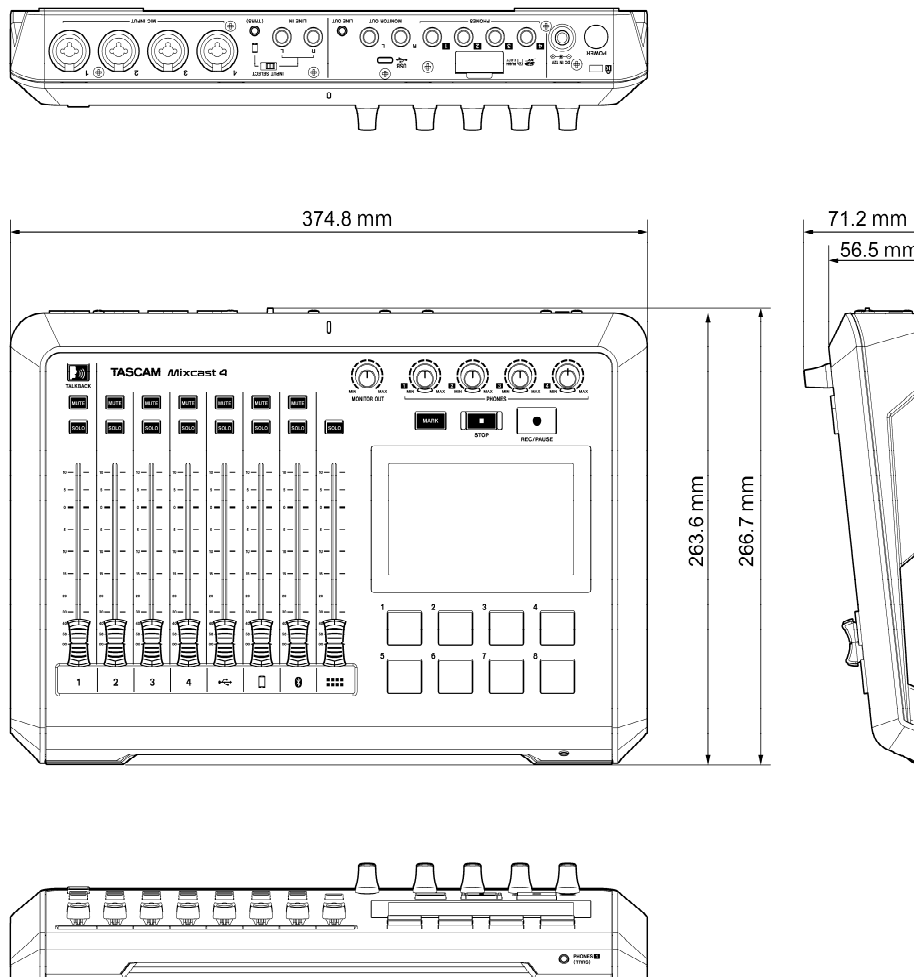
2.55 kg

Operating temperature range

0-40°C

Dimensions

374.8 × 56.5 × 263.6 mm (W x H x D, excluding protrusions)

374.8 × 71.2 × 266.7 mm (W x H x D, including protrusions)

【Dimensional drawings】

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