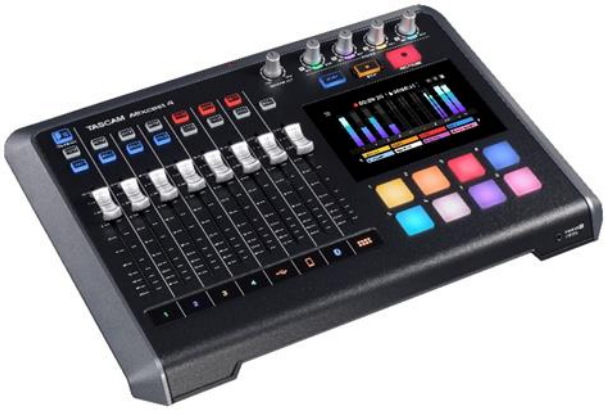
New Product Information

Last Update : July 21, 2022

Mixcast 4



Brand	TASCAM
Model	Mixcast 4
Launching date	August 2021 (done)
Available date	
EAN code	4907034 133444
UPC code	043774 034918
Overall dimensions/Weight (W x H x D)	374.8 x 71.2 x 266.7/2.55 (mm/kg) 14.76 x 2.81 x 10.5/5.63 (inch/ lib.)
Package dimensions/Weight (W x H x D)	414 x 322x 129 /3.3 (mm/kg) 16.3 x 12.68 x 5.08/7.28 (inch/ lib.)
Master carton dimensions/ Weight (W x H x D)	280.8 x 355.2 x 432.0/7.5 (mm/kg) 11.06 x 13.99 x 17.01/16.54 (inch/ lib.)
Qty per master carton	2

■ Description

Podcast Recording Console

■ Marketing Name

Podcast Station with built-in Recorder/ USB Audio Interface

■ Product Outline

Integrated mixer/ recorder/ USB audio interface for Podcast production

■ Main Features

- Podcast production of up to Podcast production of up to 7 people:
  - 4 mic inputs with auto-mix , 4 headphone outputs
  - USB input, Bluetooth input, AUX (3.5mm) input
- Invite guests and friends: Mix-Minus to connect call-ins with echo-free audio via Bluetooth, USB input or 4-pole TRRS audio cable
- Sound pads for instant sound triggering and effects
- Easy and intuitive control using the 5-inch touch panel
- Fully compatible with the dedicated TASCAM Podcast Editor software to cover the entire production workflow
- Direct internal multi-track recording to SD card (up to 14 tracks)
- 14in/2out USB audio interface mode
- Nine language options including English, French, German, Italian, Spanish, Russian, Chinese, Japanese and Korean

■ Other Features

- 4 mic inputs with auto-mixing function that will automatically adjust optimal levels
- Various voice settings, compressor, de-esser, noise compressor, ducking, and reverb, available for the mic inputs
- Equipped with a feedback prevention function when using monitor speakers
- Equipped with a talkback function
- Equipped with an overwrite function that enables re-recording of recorded podcasts
- USB output delay adjusts the misalignment between the livestream video and audio
- Equipped 100mm fader enhances operability
- AC adapter with lockable connector
- A Common Mode has been added to the voice effector that enables it to be shared by multiple mic channels (V1.20)
- Talkback output has been expanded to USB/ Bluetooth/ TRRS connection in addition to headphone outputs (V1.30)
- "Sound pad function improvements (V1.30)
  - ➢ Switching sound pad bank while recording
  - ➢ Normalize function for sound pad sources
  - ➢ Level adjustment for bleep sound effect"

■ Specifications/rated values

Recorder specifications

Recording media

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

Recording/playback formats

WAV(BWF): 48 kHz, 24 bit, 2 ch Stereo/14 ch poly

Max. Recordable tracks: 14 tracks (12 track + 2-mix)

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: 6.3mm (1/4") standard TRS jacks (Tip: HOT, Ring: COLD, Sleeve: GND)
Maximum Input Level: +10 dBu (level min)
Nominal Input Level: - 10 dBu (level min)
Minimum Input Level: -76.5 dBu (level 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 (level min)
Nominal Input Level: - 16 dBV (level min)
Minimum Input Level: -82.5 dBV (level 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
Maximum input level: +8 dBV
Nominal input level: −12 dBV
Input impedance: 12 kΩ

LINE IN L/R (balanced) jacks

Connectors: 6.3mm (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: 6.3mm (1/4") standard stereo jacks
Maximum output:
45 mW + 45 mW (0.1% THD+N or less, into 32Ω load)
Working Impedance: 16 to 600 Ω

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: 6.3mm (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: 3.5mm (1/8") stereo mini jack
Maximum output level: +6 dBV
Nominal output level: −14 dBV
Output impedance: 200 Ω

USB

Connector: USB Type-C
Transfer Format: USB2.0 HIGH SPEED
Device Class:
Mass-storage class
USB Audio Class 2.0(USB class-compliant)

USB Audio

Sampling Rate: 48 kHz
Bit Depth: 24 bit
Inputs:　14 channels *Output from this unit
Outputs: 2 channels *Input to this unitS

Audio performance

Mic amp EIN (equivalent input noise)

−125 dBu or less (150Ω 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

Recording times (in hours: minutes)

Recording format: 24-bit/48kHz WAV
14 ch: 0:35 (4 GB) / 1:10 (8 GB)
 2 ch: 4:07 (4 GB) / 8:15 (8 GB)
The recording times shown above are not continuous recording times. They are total recordable times for SD/SDHC/SDXC cards.

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 11
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.

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Mac

Supported operating systems

macOS Monterey (12)
macOS Big Sur (11)
macOS Catalina (10.15)

Computer hardware requirements

Mac with a USB 2.0 (or higher)

iOS/iPadOS devices

iOS 15/iPadOS 15
iOS 14/iPadOS 14
iOS 13/iPadOS 13

Android devices

Android 11
Android 10
*Compatibility has been confirmed, but this does not guarantee operation 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 – 40ºC

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)

Included items

Mixcast 4	x1
AC adapter(PS-P1220E NUT)	x1
USB Type-C to Type-C cable	x1
Owner's manual, inc. warranty	x1
TASCAM ID registration guide	x1

Dimensions