

New Product Information

Last Update : January 12st , 2023

TEAC
Recording Tomorrow

TASCAM

Portacapture X8



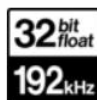
Brand	TASCAM
Model	Portacapture X8
Launching date	Already done (November 17, 2021)
Available date	
EAN code	4907034133154
UPC code	043774035007
Overall dimensions/Weight (W x H x D)	83 x 205.6 x 41.5/ 381(mm/ g) 3.27 x 8.1 x 1.64/ 0.84(inch/ lb)
Package dimensions/Weight (W x H x D)	161 x 232 x 72/ 744(mm/ g) 6.34 x 9.14 x 2.84/ 1.65(inch/ lb)
Master carton dimensions/ Weight (W x H x D)	484 x 190 x 380/ 8.2(mm/ kg) 19.06 x 7.49 x 14.97/ 18.1(inch/ lb)
Qty per master carton	10

■ Description

LINEAR PCM RECORDER

■ Marketing Name

High Resolution Adaptive Multi-Recorder



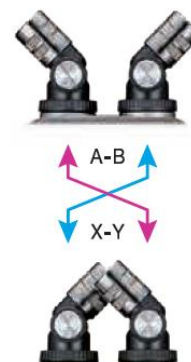
■ Product Outline

New generation high-res Multi-track Handheld Recorder

■ Main Features

- Intuitive Launcher system using a 3.5-inch color touch panel display
- Recording applications such as basic multi-track recording, podcasting, music, voice (interviews, vlog), field recording, ASMR and more
- 4 XLR/TRS locking combo jack MIC/LINE inputs with individual phantom power supply (24V/48V) and in-house-developed HDDA (High Definition Discrete Architecture) mic preamps
- Supports up to 192kHz/ 32-bit float point recording
- Detachable 14.6mm large-diaphragm condenser mics for both A-B position and X-Y position
- Includes 8-in/2-out USB audio interface function
 - Internal mics can be used as a USB audio source
 - Internal recording to SD card is available while the unit is functioning in USB audio interface mode
 - Supports 32-bit float USB transmission (from V1.30)
- Internal multi-track recording up to 8 tracks (6 tracks + 2 mix)

Switchable mic patterns Detach and replace



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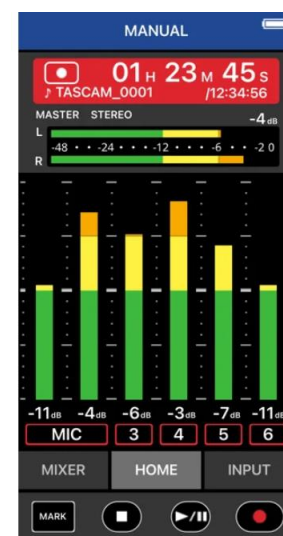
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- TASCAM Portacapture Control app for wireless remote control via mobile devices (with optional AK-BT1 Bluetooth adapter)
- Wireless timecode sync with supported devices from Atomos (with optional AK-BT1 Bluetooth adapter, added in V1.20)

■ Other Features

- Dual recording mode enables each track to be recorded in a different file format
- Equipped with a variety of functions such as low-cut filter, compressor, limiter, auto-gain control, reverb, noise gate and normalize
- Stores user settings on app and input presets up to three for each (from V1.30)
- CAMERA/EXT input allows audio recorded on a camera to be monitored and also supports audio input of wireless microphones and more
- CAMERA/LINE output with attenuation function allows for sending audio to external devices like cameras, etc.
- Audio monitoring is possible with either headphone output or the built-in speaker
- USB mix-minus on PODCAST app (from V1.30)
- Supports micro SD/micro SDHC/micro SDXC (up to 512GB) recording media
- Equipped with a Mark function and slate tone function
- Powered by 4 AA batteries, USB bus power, or optional AC adapter (PS-P520U)
- Support multi-language menu display
 - English, Japanese, French, Spanish, German, Italian, Chinese, Korean, Russian

Portacapture Control



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■ Specification/Rating

Recorder specifications

Recording media

microSD cards (64MB -2GB)
microSDHC cards (4GB - 32GB)
microSDXC cards (48 GB -512 GB)

Recording/playback formats

WAV (BWF): 44.1k/48k/96k/192kHz,
16/24-bit, 32-bit float
MP3: 44.1k/48kHz, 128k/192k/256k/320kbps

Number of channels

Input channels: 6 channels maximum
Recording tracks: 8 tracks maximum (6tracks, stereo mix)

Analog audio input ratings

Mic inputs (unbalanced)

Input jacks 1-2(support plug-in power)

Connectors: 3.5mm (1/8") TRS mini jacks
Input impedance: 85k Ω or higher
Maximum input level: +1 dBV
Minimum input level: -69.3 dBV

Mic inputs (balanced)

Input jacks 3-6(input set to "MIC")

Connectors:
XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)
6.3mm (1/4") standard TRS jacksInput
(Tip: HOT, Ring: COLD, Sleeve: GND)
Note: phantom power supported by XLR only
Input impedance: 2.2k Ω or higher
Maximum input level: +2 dBu
Minimum input level: -75dBu

Input jacks 3-6(Input set to "LINE")

Connectors:
XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD)
6.3mm (1/4") standard TRS jacksInput
(Tip: HOT, Ring: COLD, Sleeve: GND)
Impedance: 9k Ω or higher
Nominal input level: +4 dBu (GAIN:min)
Maximum input level: +24 dBu
Minimum input level: -53dBu

Line input (unbalanced): EXT IN jack

Connector: 1/8" (3.5mm) Stereo Mini jack
Input impedance: 8.5k Ω or higher
Nominal input level: -10dBV (GAIN:min)
Maximum input level: +10 dBV
Minimum input level: -48 dBV

Analog audio output ratings

Line output (unbalanced): LINE OUT jack

Connector: 1/8" (3.5mm) Stereo Mini jack
Output impedance: 200 Ω
Nominal output level: -14dBV
Maximum output level: +6 dBV

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

Headphone output: headphone jack

Connector: 1/8" (3.5mm) Stereo Mini jack
Maximum output:
45 mW + 45 mW (THD+N 0.1% or less, into 32 Ω load)
Built-in speaker: 0.4 W (mono)

Control input/output ratings

USB port

Connector: USB Type-C
Format:
USB2.0 HIGH SPEED mass storage class

Bluetooth device connector

For Bluetooth adapter (AK-BT1) only

Audio performance

Mic amp EIN (equivalent input noise)

Input jacks 3-6 (MIC IN)
-126dBu or less

Frequency response

Input jacks 3-6 to PCM data
20Hz - 20kHz at 48kHz: +0 / -0.3dB (JEITA)
20Hz - 40kHz at 96kHz: +0 / -0.4dB (JEITA)
20Hz - 60kHz at 192kHz: +0 / -2.5dB (JEITA)

Dynamic Range

Input jacks 3-6 jack to PCM data
(20kHz SPCL LPF, A-weighting, FILED App)
113dB or higher at 48kHz/96kHz/192kHz

Total harmonic distortion ratio (THD+N)

(1kHz sine, -5 dBFS input,GAIN: min,20kHz SPCL LPF)
Input jacks 3-6 (LINE IN) to PCM data
0.008% or less
Input jacks 3-6 (MIC IN) to PCM data
0.006% or less

Note: JEITA indicates conformance to JEITA CP-2150

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Operating system and other requirements

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

Note: 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.

Portacapture X8

Windows

Supported operating systems:

Windows 11 64-bit

Windows 10 64-bit

Computer hardware requirements:

Windows computer with a USB 2.0 (or higher)

Note: Operation is not guaranteed using the TASCAM driver with ARM64 CPUs.

Mac

Supported operating systems:

macOS Ventura

macOS Monterey

macOS Big Sur

Computer hardware requirements:

Mac with a USB 2.0 (or higher) port

iOS/iPadOS device

iOS 16 / iPadOS 16

iOS 15 / iPadOS 15

iOS 14 / iPadOS 14

Portacapture Control

iOS/iPadOS device

iOS 16 / iPadOS 16

iOS 15 / iPadOS 15

iOS 14 / iPadOS 14

Android devices

Android 11

Android 10

Note: Compatibility has been confirmed, but this does not guarantee operation with all devices.

Other

Power

4 AA batteries (Alkaline, Ni-MH or Lithium-ion)

USB bus power from a computer (1.5A or more)

TASCAM PS-P520U AC adapter (sold separately)

Power consumption

7.5 W (maximum)

Dimensions

83 x 205.6 x 41.5mm (W× H× D, including protrusions)

Weight

472g/381g (with/without batteries)

Operating temperature range

0–40°C

Battery operation time (continuous operation)

Using alkaline batteries (EVOLTA)

Use conditions	Operation time
Input through input jacks 1/2 (included mics) Phantom power unused STEREO WAV (BWF)/44.1kHz 24-bit recording POWER SAVE MODE on	About 11hours
Input through input jacks 1/2 (included mics) and 5/6 Phantom power used (+48V, 3mA×2 load) STEREO WAV (BWF)/44.1kHz 24-bit recording POWER SAVE MODE on	About 5.5hours

Using Ni-MH battery (eneloop)

Use conditions	Operation time
Input through input jacks 1/2 (included mics) Phantom power unused STEREO WAV (BWF)/44.1kHz 24-bit recording POWER SAVE MODE on	About 9.5hours
Input through input jacks 1/2 (included mics) and 5/6 Phantom power used (+48V, 3mA×2 load) STEREO WAV (BWF)/44.1kHz 24-bit recording POWER SAVE MODE on	About 5.5hours

Using lithium-ion batteries (Energizer Ultimate Lithium)

Use conditions	Operation time
Input through input jacks 1/2 (included mics) Phantom power unused STEREO WAV (BWF)/44.1kHz 24-bit recording POWER SAVE MODE on	About 18hours
Input through input jacks 1/2 (included mics) and 5/6 Phantom power used (+48V, 3mA×2 load) STEREO WAV (BWF)/44.1kHz 24-bit recording POWER SAVE MODE on	About 10hours

Note: When using phantom power, the operation time might be reduced depending on the mic being used.

Included items

Portacapture X8	× 1
Included mics	× 1pair (left/right)
AA alkaline batteries	× 4
Owner's Manual(including warranty)	× 1
TASCAM ID registration guide	× 1

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