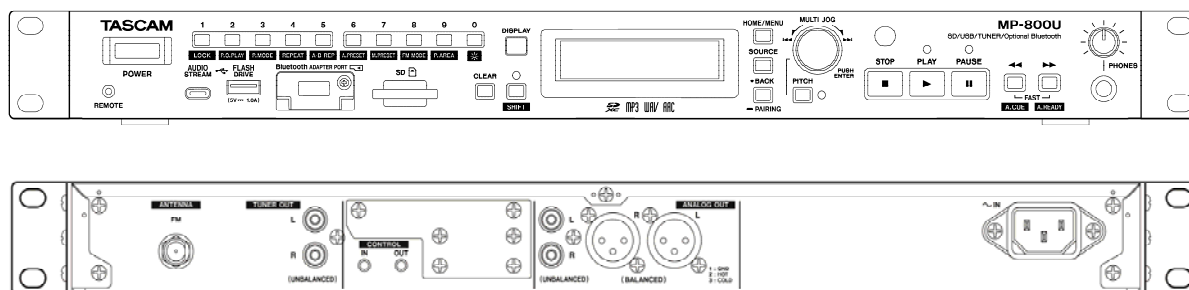Apr, 2025

Product Spec Sheet
MP-800U
MEMORY PLAYER / INTERFACE

Ratings

・Supported media

SD cards (512 MB – 2 GB)

SDHC cards (4 GB – 32 GB)

SDXC cards (64 GB – 512 GB)

USB flash drives (512 MB – 512 GB)

● Media must be formatted as FAT16 , FAT32 or exFAT

・Playback file formats

WAV:	44.1/48 kHz, 16/24 bit (LPCM)
MP3:	44.1/48 kHz, 32/64/96/128/192/256/320 kbps, VBR
AAC:	44.1/48 kHz, 32–320 kbps,
	VBR (MPEG4 AAC–LC (audio stream), DRM not supported)
Maximum file size:	4 GB
Maximum number of files:	999 (including folders)
Maximum number of folder levels:	16
	(The full path, including the file name, must not exceed 260 characters.)

・Number of channels

2 channels (stereo)

1 channel (mono)

Inputs and outputs

Analog audio output ratings

・Analog output (balanced) jacks

Connectors:	XLR–3–32 (1: GND, 2: HOT, 3: COLD)
Rated output level:	+4 dBu (1.23 Vrms, when analog output level setting OFF)
Maximum output level (switchable):	+20 dBu (7.75 Vrms, when analog output level setting OFF)
Output impedance:	100 Ω

・Analog output (unbalanced) jacks

Connectors:	RCA pin jacks
Rated output level:	−10 dBV (0.316 Vrms, when analog output level setting OFF)
Maximum output level (switchable):	+6 dBV (2.0 Vrms, when analog output level setting OFF)
Output impedance:	210 Ω

・TUNER OUTPUTS (UNBALANCED) jacks

Connectors:	RCA pin jacks
Rated output level:	−10 dBV
	(0.316 Vrms, when −16 dBFS DAC output and tuner output level setting OFF)
Maximum output level (switchable):	+6 dBV
	(2.0 Vrms, when 0 dBFS DAC output and tuner output level setting OFF)
Output impedance:	210 Ω

・Phones jack

Connector:	6.3 mm (1/4″) standard stereo jack
Maximum output level:	20 mW + 20 mW or higher (THD+N 0.1% or less, into 32 Ω load)

● 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms

Control input/output

・REMOTE jack

Connector:	2.5mm TRS jack (Tip: Signal 1, Ring: Signal 2, Sleeve: GND)

・CONTROL IN/OUT jacks

IN Connectors:	3.5mm TRS jack
	Active low external command reception (30 ms or longer ground)
OUT connector:	3.5mm TRS jack
	Open collector
	(15V maximum voltage, 50mA maximum current, 250mW maximum output)

・USB FLASH DRIVE port

Connector:	4-pin USB Type-A
Protocol:	USB 2.0 HIGH SPEED (480 Mbps)
Device class:	Mass storage

・USB AUDIO STREAM port

Connector:	USB Type-C
Transfer rate:	USB 2.0 HIGH SPEED (480 Mbps)
Device classes:	USB audio 2.0 (USB class compliant)

・Bluetooth device connector

For Bluetooth adapter (AK-BT2) only

Audio performance

・Frequency response

20 Hz − 20 kHz:＋0.5 dB/−1.0 dB (Fs = 44.1/48 kHz, during SD/USB playback to analog output, JEITA)

・Distortion

0.005% or less (during SD/USB playback to analog output, JEITA)

・S/N ratio

95 dB or higher (during SD/USB playback to analog output, JEITA)

・Dynamic range

95 dB or higher (during SD/USB playback to analog output, JEITA)

・Channel separation

95 dB or higher (during SD/USB playback to analog output, 1kHz sine wave, JEITA)

Tuner

・Frequency range

FM:	87.5 − 108.0 MHz

・Antenna connectors

Connector:	F-type jack

Operating system and other requirements

Check the TASCAM website for the latest information about supported operating systems.
https://tascam.jp/int/product/mp-800u/support

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.

・Windows

Supported operating systems
Windows 11
Windows 10 64-bit
Computer hardware requirements
Windows computer with a USB 2.0 or USB 3.0 port
CPU/processor speed
2 GHz or faster dual core processor (x86)
Memory
2 GB or more

・Mac

Supported operating systems
macOS Sonoma (15 and higher)
macOS Sonoma (14 and higher)
macOS Ventura (13 and higher)
Computer hardware requirements
Mac with USB 2.0 or higher
CPU/processor speed
2 GHz or faster dual core processor
Memory
2 GB or more

Other

・Power
AC100-240 V, 50/60 Hz
・Power consumption
14 W
・Dimensions
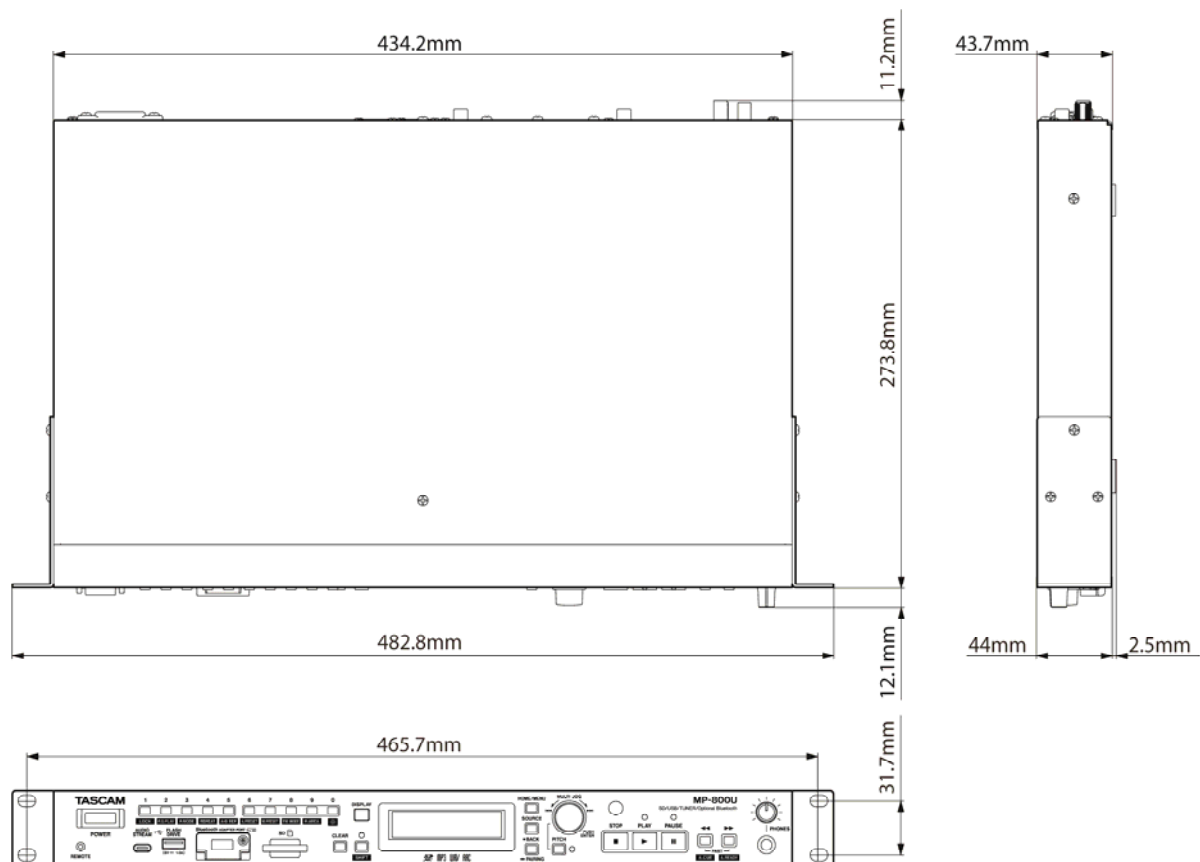482.8 × 46.5 × 297.1 mm (W x H x D, including protrusions)
・Weight
2.7 kg
・Operating temperature range
0 – 40℃

■ Dimensional drawings

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※All information included in this document is as of Apr, 2025.

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