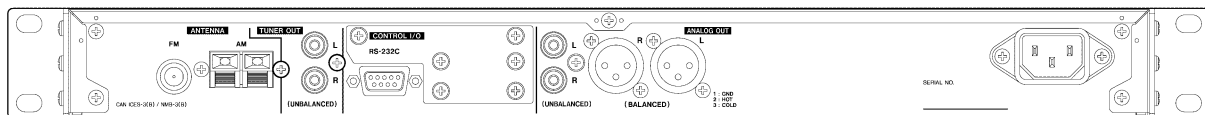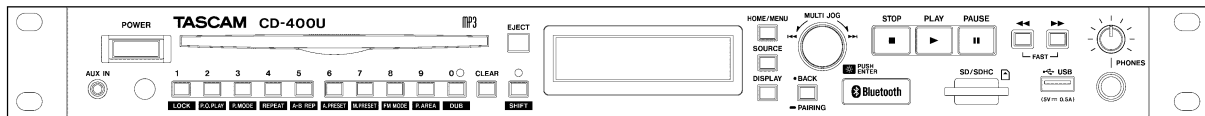May, 2018

Product Spec Sheet
CD/MEMORY PLAYER
CD-400U

■ Specifications

Ratings

・Supported media

CD, CD-R* (only CD-DA format), CD-RW (12 cm, ISO 9660 LEVEL 1/2/JOLIET) (multi-session and CD text not supported)

SD cards* (512 MB – 2 GB)

SDHC cards* (4 GB – 32 GB)

USB flash drives* (512 MB – 64 GB)

＊ Media must be formatted FAT16/32.

・Playback file formats

CD-DA:	44.1 kHz, 16-bit stereo
WAV*:	44.1/48 kHz, 16-bit (LPCM SD card/USB flash drive)
MP3*:	44.1/48 kHz, 32–320 kbps, VBR (MPEG1/2 Audio Layer-3, data CD/SD card/USB flash drive)
AAC*:	44.1/48 kHz, 8–320 kbps, VBR (MPEG4 AAC-LC (Audio stream), DRM not supported, SD card/USB flash drive)
WMA*:	44.1/48 kHz, 32–320 kbps, VBR (WMA ver.9 standard, DRM not supported, data CD/SD card/USB flash drive)

＊ File/folder specifications are as follows.

Maximum file size: 2 GB

Maximum number of files: 300 (including folders)

Maximum number of files in a single folder: 100

Maximum number of folders: 50

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)

・Dubbing file formats

MP3:	44.1 kHz, 96/128/192/320 kbps (96/128/192 kbps with tuner)
Maximum file size:	2 GB

Inputs and outputs

Analog audio input and output ratings

・AUX IN jack (front panel)

Connector:	3.5 mm stereo mini jack
Nominal input level:	−20 dBV (0.1 Vrms)
Maximum input level:	−4 dBV (0.63 Vrms)
Input impedance:	10 kΩ or higher

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:	200 Ω

TUNER OUTPUTS (UNBALANCED) jacks

Connectors:	RCA pin jacks
Rated output level:	−10 dBV (0.316 Vrms)
Maximum output level:	+6 dBV (2.0 Vrms)
Output impedance:	200 Ω

Phones jack

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

Control input/output
RS−232C connector

9−pin D−sub (female, inch−standard)

Audio performance
Frequency response

20 Hz − 20 kHz: ±1.0 dB (when 44.1/48 kHz sampling frequency, CD/SD/USB playback to Analog outputs, JEITA)

Distortion

0.005% or less (when CD/SD/USB playback to Analog outputs, JEITA)

S/N ratio

95 dB or higher (when CD/SD/USB playback to Analog outputs, JEITA)

Dynamic range

90 dB or higher (when CD/SD/USB playback to Analog outputs, JEITA)

Channel separation

90 dB or higher (when CD/SD/USB playback to Analog outputs, JEITA)

Bluetooth
Bluetooth version: 4.2

Output class:	2 (about 10 m* unobstructed transmission distance)
Supported profiles:	A2DP, AVRCP 1.0
Supported A2DP codecs:	SBC, AAC, aptX
Supported A2DP content protection:	SCMS−T

∗ The transmission distance is only an estimate and might vary depending on the surrounding environment and radio wave conditions.

Tuner
Frequency range

US model

FM:	87.5 MHz to 108.0 MHz
AM:	520 kHz to 1,720 kHz

Other models
FM: 87.5 MHz to 108.0 MHz
AM: 522 kHz to 1,629 kHz
･Antenna connectors
FM: F-type (female)
AM: 2-pin push terminal

Other
･**Power**
　AC100-240 V, 50/60 Hz
･**Power consumption**
　20 W
･**Dimensions**
　482.8 × 46.5 × 297.1 mm (W x H x D)
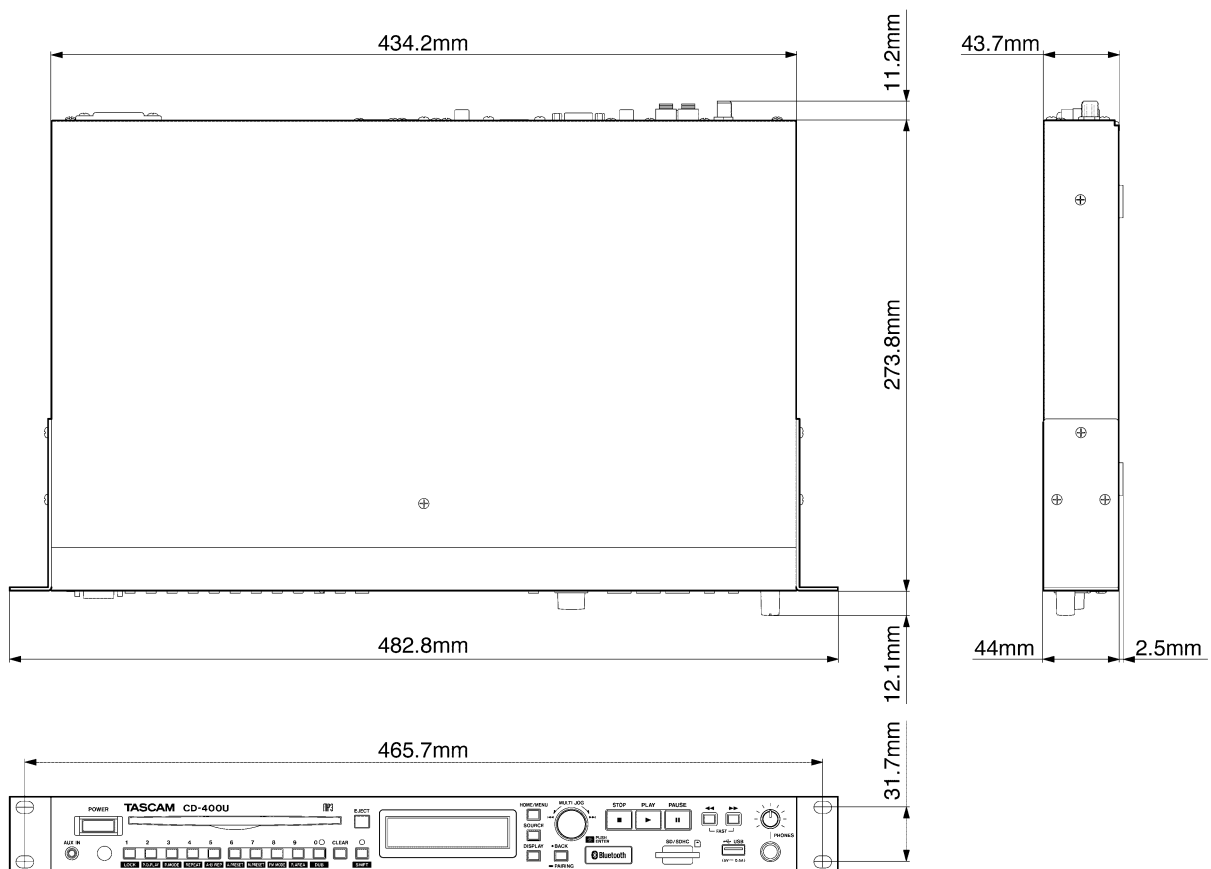･**Weight**
　3.3 kg
･**Operating temperature range**
　5℃ - 35℃
･**Permitted installation tilt**
　30° or less

■ **Dimensional drawings**

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