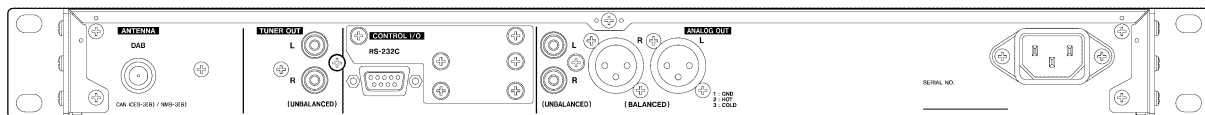
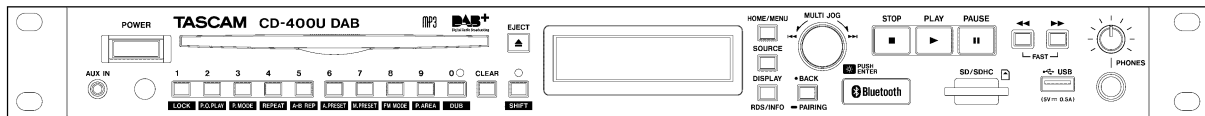


Product Spec Sheet  
CD/MEMORY PLAYER  
**CD-400U DAB**



■ **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 k $\Omega$ 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 <b>OFF</b> )
Maximum output level (switchable):	+20 dBu (7.75 Vrms, when analog output level setting <b>OFF</b> )
Output impedance:	100 $\Omega$

**•Analog output (unbalanced) jacks**

Connectors:	RCA pin jacks
Rated output level:	-10 dBV (0.316 Vrms, when analog output level setting <b>OFF</b> )
Maximum output level (switchable):	+6 dBV (2.0 Vrms, when analog output level setting <b>OFF</b> )
Output impedance:	200 $\Omega$

**•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 $\Omega$

**•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 $\Omega$ load)

**Control input/output****•RS-232C connector**

9-pin D-sub (female, inch-standard)

**Audio performance****•Frequency response**

20 Hz - 20 kHz:  $\pm 1.0$  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**

