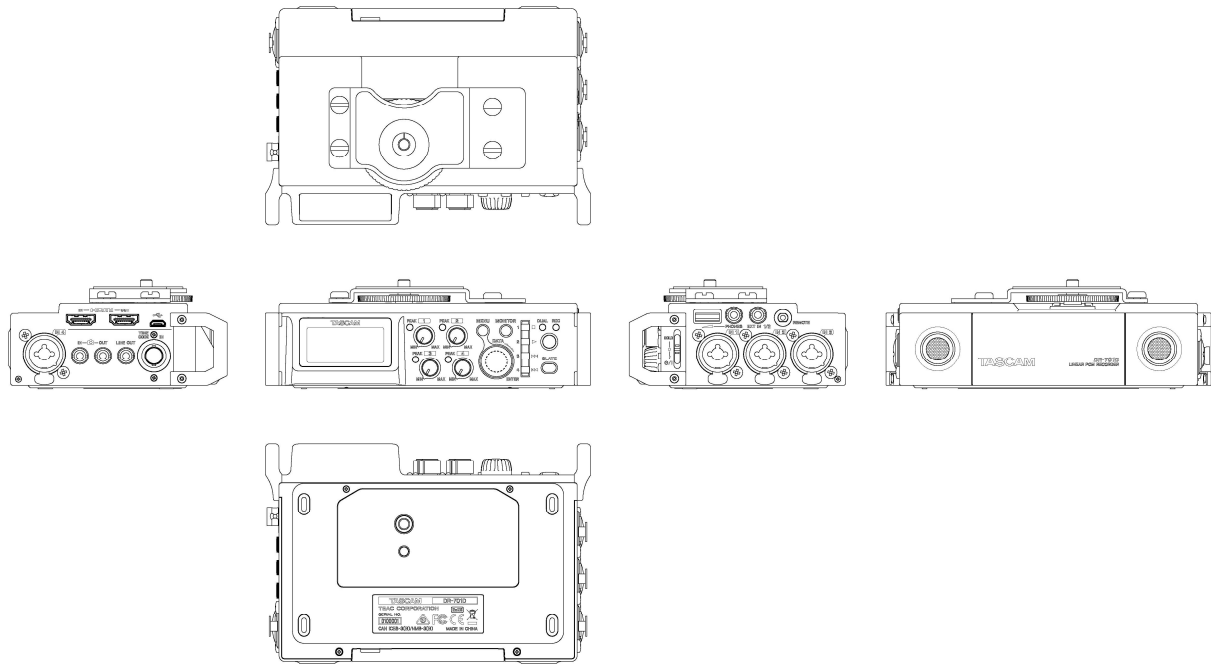


Product Spec Sheet
Linear PCM Recorder for DSLR
DR-701D



■ **Specifications**

Ratings

• **Recording media**

- SD card (64 MB–2 GB)
- SDHC card (4 GB–32 GB)
- SDXC card (48 GB–128 GB)

• **Recording/playback formats**

- WAV: 44.1/48/96/192kHz, 16/24-bit
- BWF: 44.1/48/96/192kHz, 16/24-bit

• **The number of input channels**

- 4 maximum (44.1/48/96kHz)
- 2 maximum (192kHz)

• **The number of recording tracks**

- 6 maximum (44.1/48/96kHz)
- 2 maximum (192kHz)

Inputs and outputs

- **IN 1/2/3/4 jacks (Phantom power supplied only to XLR)**
Connector: XLR-3-31, 6.3mm (1/4") standard TRS jacks
- **EXT IN 1/2 jack (can provide plug-in power)**
Connector: 3.5mm (1/8") stereo mini jack
- **MIC IN connector**
Connector: 3.5mm (1/8") stereo mini jack
- **PHONES jack**
Connector: 3.5mm (1/8") stereo mini jack
- **MIC OUT connector**
Connector: 3.5mm (1/8") stereo mini jack
- **LINE OUT jack**
Connector: 3.5mm (1/8") stereo mini jack
- **HDMI IN/OUT connectors**
Connector: Type A receptacle
- **USB port**
Connector type: Micro-B
Format: USB 2.0 HIGH SPEED mass storage class
- **TIMECODE IN connector**
Connector: BNC
- **REMOTE jack**
Connector: 2.5mm (3/32") TRS jack

Audio performance

- **Frequency response**
20 Hz – 20 kHz +0.5/-1 dB (LINE IN to LINE OUT, 48kHz sampling frequency, JEITA)
20 Hz – 40 kHz +0.5/-1 dB (LINE IN to LINE OUT, 96kHz sampling frequency, JEITA)
20 Hz – 80 kHz +0.5/-5 dB (LINE IN to LINE OUT, 192 kHz sampling frequency, JEITA)
- **Distortion**
0.007% or less (MIC IN to LINE OUT, 44.1/48/96/192kHz sampling frequency, JEITA)
- **S/N ratio**
100 dB or more (MIC IN to LINE OUT, -10 dBu input, 1 kHz, 44.1/48/96/192kHz sampling frequency, JEITA)
- **Equivalent input noise (EIN)**
-124 dBu or lower

Note: based on JEITA CP-2150

Recording times (in hours: minutes)

File format (recording setting)		SDHC card capacity
		4 GB
WAV/BWF 16-bit (2 channels)	44.1kHz	6:17
WAV/BWF 24-bit (2 channels)	96kHz	1:55
WAV/BWF 24-bit (2 channels)	192kHz	0:57

- The recording times shown above are estimates. They might differ depending on the SD/SDHC/SDXC card in use.
- The recording times shown above are not continuous recording times, but rather they are the total possible recording times for the SD/SDHC/SDXC card.
- If recorded in mono WAV format, the maximum recording time will be double the figures above.

- When using dual/4-channel recording in WAV/BWF format, the maximum recording time will be about half the figures above.

General

• **Power**

- 4 AA batteries (alkaline, NiMH or lithium)
- AC adapter (TASCAM PS-P515U, sold separately)
- External battery pack (TASCAM BP-6AA, sold separately)

• **Power consumption**

- 6.5 W (maximum)

• **Consumption current**

- 1.3 A (maximum)

• **Battery operation time (continuous operation) (in hours: minutes)**

● Using alkaline batteries (EVOLTA)

Use conditions	Operation time
Channels 1/2 unused Channels 3/4 use built-in mic Phantom power off HDMI not connected Recording 2ch 48kHz/16-bit WAV files	About 3:45
Channels 1/2 used Channels 3/4 unused 3mA phantom power used for 2 channels HDMI not connected Recording 2ch 48kHz/16-bit WAV files	About 2:00
Channels 1/2 used Channels 3/4 unused 3mA phantom power used for 2 channels HDMI input connected (1080/60i) Recording 2ch 48kHz/16-bit WAV files	About 1:30

● Using NiMH batteries (eneloop)

Use conditions	Operation time
Channels 1/2 unused Channels 3/4 use built-in mic Phantom power off HDMI not connected Recording 2ch 48kHz/16-bit WAV files	About 4:00
Channels 1/2 used Channels 3/4 unused 3mA phantom power used for 2 channels HDMI not connected Recording 2ch 48kHz/16-bit WAV files	About 2:30
Channels 1/2 used Channels 3/4 unused 3mA phantom power used for 2 channels HDMI input connected (1080/60i) Recording 2ch 48kHz/16-bit WAV files	About 2:00

● Using lithium batteries (Energizer ULTIMATE LITHIUM)

Use conditions	Operation time
Channels 1/2 unused Channels 3/4 use built-in mic Phantom power off HDMI not connected Recording 2ch 48kHz/16-bit WAV files	About 7:30
Channels 1/2 used Channels 3/4 unused 3mA phantom power used for 2 channels HDMI not connected Recording 2ch 48kHz/16-bit WAV files	About 6:30
Channels 1/2 used Channels 3/4 unused 3mA phantom power used for 2 channels HDMI input connected (1080/60i) Recording 2ch 48kHz/16-bit WAV files	About 3:30

NOTE

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

• Dimensions

169 × 57.3 × 113.5 mm (W × H × D with top adapter attached)

• Weight

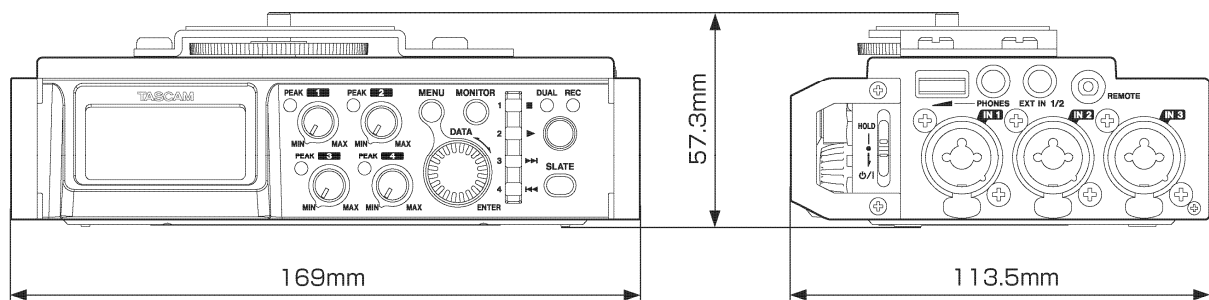
654 g (including batteries)

561 g (not including batteries)

• Operating temperature range

0° C–40° C (32° F–104° F)

■ Dimensional drawings



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