

Spec description

Recording media	SD card(64MB to 2GB), SDHC card(4GB to 32GB), SDXC card(48GB to 128GB)
Recording format	
WAV	44.1k/48k/96k/192k Hz, 16/24-bit
BWF	44.1k/48k/96k/192k Hz, 16/24-bit
Number of input channels	
44.1k/48k/96k Hz	4 maximum
192kHz	2 maximum
Number of recording tracks	
44.1k/48k/96k Hz	6 maximum
192kHz	2 maximum
Analog audio inputs	*The maximum input level the level that the input knob can be adjusted and a digital full-scale(0dBFS) signal can be input without distorting. *The minimum input level is the level that the input knob can be adjusted and a -20dBFS signal can be input.
IN 1, IN 2, IN 3, IN 4	XLR can provide phantom power
Connectors	XLR-3-31 (1:GND, 2:HOT, 3:COLD) 6.3mm(1/4")standard TRS jacks(tip:HOT, Ring:COLD, Sleeve:GND)
Input gain	"LOW"/"MID"/"HI"/"HI+"
Input impedance	2k ohms
Phantom power	48V +/-4V(10mA/CH), 24V +/-4V(10mA/CH)
Maximum input level	+4dBu
Minimum input level	-72dBu
MIC input gain	TRIM MAX
LOW	+20dB
MID	+40dB
HI	+52dB
HI+	+64dB
Input gain	"LINE"
Input impedance	10k ohms or later
Nominal input level	+4dBu
Maximum input level	+24dBu
EXT IN 1/2	

Connector	3.5mm(1/8″)stereo mini jack (can provide plug-in power)
Input impedance	10k ohms
Maximum input level	+10dBV
Minimum input level	−50dBV
MIC input gain	TRIM MAX
LOW	+3dB
MID	+11dB
HI	+26dB
HI+	+38dB
IN	
Connector	3.5mm(1/8″)stereo mini jack
Input impedance	10k ohms
Nominal input level	−10dBV
Maximum input level	+6dBV
Analog audio outputs	
LINE OUT	
Connector	3.5mm(1/8″)stereo mini jack
Output impedance	200 ohms
Nominal output level	−14dBV
Maximum output level	+6dBV
OUT	
Connector	3.5mm(1/8″)stereo mini jack
Output impedance	200 ohms
Nominal output level	−44dBV
Maximum output level	+6dBV
PHONES	
Connector	3.5mm(1/8″)stereo mini jack
Maximum output	50mW + 50mW
Control inputs/outputs	
HDMI IN/OUT	
Connectors	Type A receptacle

USB	
Connector	Micro-B
Format	USB2.0 HIGH SPEED mass storage class
TIMECODE IN	
Connector	BNCConnector
Signal voltage amplitude	0.5Vp-p to 5Vp-p
Input impedance	10k ohms
Format	SMPTE 12M-1999 compliant
REMOTE	
Connector	2.5mm TRS jack
Power	4 AA batteries(Alkaline, NI-MH or lithium), AC adapter(TASCAM PS-P520E, sold separately), External battery pack(TASCAM BP-6AA, sold separately)
Power consumption	6.5W(maximum)
Current consumption (USB bus power)	1.3A(maximum)
Battery operation time (continuous operation)	2ch WAV, 48kHz, 16bit rec *When using phantom power, the operation time might be reduced depending on the mic being used.
DR-701D	
Lithium (Energizer ULTIMATE LITHIUM)	About 7:30 : Built-in mic used for 3/4ch, Phantom power unused,HDMI not connected About 6:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI not connected About 3:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI input connected(1080/60i)
NI-MH batteries (eneloop)	About 4:00 : Built-in mic used for 3/4ch, Phantom power unused,HDMI not connected About 2:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI not connected About 2:00 : 1/2ch used, 3mA phantom power used for 2ch, HDMI input connected(1080/60i)
Alkaline batteries (EVOLTA)	About 3:45 : Built-in mic used for 3/4ch, Phantom power unused,HDMI not connected About 2:00 : 1/2ch used, 3mA phantom power used for 2ch, HDMI not connected About 1:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI input connected(1080/60i)
DR-701D + BP-6AA	*BP-6AA is using the alkaline batteries (EVOLTA).
Lithium batteries (Energizer ULTIMATE LITHIUM)	About 12:30 : Built-in mic used for 3/4ch, Phantom power unused,HDMI not connected About 7:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI not connected About 5:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI input connected(1080/60i)
NI-MH batteries (eneloop)	About 9:30 : Built-in mic used for 3/4ch, Phantom power unused,HDMI not connected About 7:00 : 1/2ch used, 3mA phantom power used for 2ch, HDMI not connected About 4:00 : 1/2ch used, 3mA phantom power used for 2ch, HDMI input connected(1080/60i)
Alkaline batteries (EVOLTA)	About 9:00 : Built-in mic used for 3/4ch, Phantom power unused,HDMI not connected About 6:30 : 1/2ch used, 3mA phantom power used for 2ch, HDMI not connected About 3:45 : 1/2ch used, 3mA phantom power used for 2ch, HDMI input connected(1080/60i)
Dimensions	169(W) × 57.3(H) × 113.5(D)mm (with the top adapter attached)
Weight	654g (including batteries) / 567g (without batteries)
Operating temperature	0°C to 40°C

Standard accessories	USB cable, Camera attachment bracket screw hole covers × 6 Owner's Manual (including warranty)
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Audio performance

Frequency response	20–20kHz +0.5/–1dB(LINE IN to LINE OUT, Fs48kHz, JEITA) 20–40kHz +0.5/–1dB(LINE IN to LINE OUT, Fs96kHz, JEITA) 20–80kHz +0.5/–5dB(LINE IN to LINE OUT, Fs192kHz, JEITA)
Distortion	0.007% or less(MIC IN to LINE OUT Fs44.1k/48k/96k/192k Hz, JEITA)
S/N ratio	100dB or more (MIC IN to LINE OUT, –10dBu input, 1kHz, Fs44.1k/48k/96k/192k Hz, JEITA)
Equivalent input noise	–124dBu or less