

# TASCAM DR-100mkIII Road-ready/studio-quality 192Khz/24bit compatible linear PCM recorder

Recording Media	SD card(64MB to 2GB), SDHC card(4GB to 32GB), SDXC card(48GB to 128GB)
File System	FAT16/32
File Format	WAV, MP3
Recording/Playback Format	
<b>WAV</b>	44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz, 16/24-bit
Quantization bit rate	16bit / 24bit
<b>MP3</b>	
Sampling frequency	44.1k / 48kHz
Recording bit rate	128k / 192k / 256k / 320k bps
Number of Channels	2 channels(stereo)
Analog Inputs	
<b>MIC/LINE IN</b>	Phantom Power Compatible
Connecter	XLR-3-31 (1 : GND, 2 : HOT, 3 : COLD)
MIC	Source is set to MIC
Input Impedance	2k ohms
Minimum Input Level	-70.5dBu (Pad off)
Maximum Input Level	+2dBu (Pad on)
LINE	Source is set to LINE
Input Impedance	20k ohms
Nominal Input Level	+4dBu
Maximum Input Level	+24dBu
<b>EXT IN</b>	
Connector	3.5mm(1/8") Stereo mini jack
MIC	Source is set to EXT MIC
Input Impedance	50k ohms
Minimum Input Level	-62.8dBu (Pad off)
Maximum Input Level	-2.8dBu (Pad on)
LINE	Source is set to EXT LINE
Input Impedance	2k ohms
Nominal Input Level	-10dBv
Maximum Input Level	+6dBv
<b>DIGITAL IN</b>	
Connector	2.5mm TRS jack (phono adapter included)
Format	S/PDIF (IEC60958-3)
Analog Output	
<b>LINE OUT</b>	
Connector	3.5mm(1/8") Stereo mini jack
Output Impedance	200 ohms
Nominal Output Level	-14dBV
Maximum Output Level	+6dBV
<b>PHONES</b>	
Connector	3.5mm(1/8") Stereo mini jack
Maximum Output	Better than 40mW+40mW (32ohms loaded)
<b>USB</b>	
Connector	micro-B type

Format	USB 2.0 HIGH SPEED mass storage class
REMOTE	
Connector	2.5mm(3/32") TRS jack
Format	TASCAM RC-10 / RC-3F
Built-in Speaker	0.4W (mono)
Power Supply	Built-in lithium-ion rechargeable battery (14.2Wh), 2 AA batteries, USB buss power, AC Adapter (TASCAM PS-P520E, sold separately), Exclusive external battery pack (BP-6AA, sold separately)
Power Consumption	7.5W(MAX)
Battery operation time (Recording)	(Recording WAV, 44.1kHz, 16 bit)
Built-in lithium-ion rechargeable battery	<b>Built-in mics (UNI)</b> Approx 12 hours
	<b>Mic In with +48V on</b> Approx 6 hours
Alkaline batteries (EVOLTA)	<b>Built-in mics (UNI)</b> Approx 2 hours
	<b>Mic In with +48V on</b> Approx 1 hour
Ni-MH batteries (eneloop)	<b>Built-in mics (UNI)</b> Approx 3 hours, 30 minutes
	<b>Mic In with +48V on</b> Approx 2 hours, 15 minutes
Lithium-ion batteries (Energizer ULTIMATE LITHIUM)	<b>Built-in mics (UNI)</b> Approx 7 hours
	<b>Mic In with +48V on</b> Approx 3 hours
Dimensions	3.15(W)×6.13(H)×1.38(D) inch 80(W)×155.7(H)×35(D) mm
Weight (without AA batteries)	0.83lb 375g
Weight (with AA batteries)	0.94lb 425g
Operating Temperature	32° to 104°F (0°C to 40°C)
Included Accessories	Digital input conversion cable

Audio Performance	
Frequency response	20 to 20kHz +0.5/-1dB (EXT IN to LINE OUT, Fs 44.1/48kHz, JEITA) 20 to 40kHz +0.5/-2dB (EXT IN to LINE OUT, Fs 88.2/96kHz, JEITA) 20 to 80kHz +0.5/-4dB (EXT IN to LINE OUT, Fs 176.4/192kHz, JEITA)
Distortion	0.007% or less (Fs 44.1/48/88.2/96/176.4/192kHz, JEITA)
S/N Ratio	102dB or more (Fs 44.1/48/88.2/96/176.4/192kHz, JEITA)