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TASCAM DR 100MK2

The

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Šifra: 9995

Kategorija proizvoda: Snimači/Rekorderi

Proizvođač: TASCAM

Cena: 30.840,00 rsd

rugged TASCAM DR-100mkII offers high-end recording features for musicians and engineers who demand more from their portable recorder. It features four built-in microphones - two cardioid and two omnidirectional - for great sounding recordings. A pair of XLR connectors accept microphone level signals with +48V phantom power for pro-grade condenser microphones, or balanced line-level signals (a new feature on the mkII). The mkII version

also adds a S/PDIF digital input, locking connectors and more.

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Locking XLR/TRS inputs compatible with +4dBu line level / +48V phantom power with 20dB of head room

Locking XLR inputs for balanced output to professional audio equipment are built in to the bottom of the unit. +48V phantom power is available allowing for condenser microphones to be connected. When LINE1 is selected using the switch on the bottom, the XLR input can be used for line level input. In addition to being compatible with +4dBu line level input, 20dB of head room is available. It is also possible to use it as a backup recorder for line level output. The locking connectors help ensure that there are no accidental disconnections on sites.

Independent left/right adjustable large rotary input volume knob

A large rotary input volume knob is equipped for making fine adjustments to the input level. Fine level settings can be made that are not possible with digital +/- operation. The volume for the left and right channels are independent so level differences can be adjusted. When quick operation is needed, it is possible to make fine level adjustments by direct operation.

Rugged aluminum body for use in extreme conditions

Durable aluminum is used for the front and rear of the body. The strong aluminum body gives a luxurious feel and provides excellent durability.

Digital input connector for lossless connection from playback devices

COAXIAL digital input is possible when the standard conversion cable is connected to the REMOTE/DIGITAL IN connector on the side panel and DIGITAL IN is selected from the Menu. It is compatible with IEC60958-3 (S/PDIF) format.

Mechanical switches allowing for simple and sure operation

Multiple mechanical switches can be found on the body allowing you to feel secure about operations, which is different from using menu operations. This ensures quick and secure operation.

High-quality output via the line level output connector, which is independent from the headphones connector

The headphone output and line level output connectors are independent, which are integrated on most linear PCM/IC recorders. Because each has optimal circuitry, a high-quality line level output is achieved that is not possible with an integrated connector.

Various accessories included

A remote controller is included for eliminating noise from touching the unit, allowing the main body to be set at the optimal location. It is a 2WAY remote control, so in addition to wireless operation, wired operation is also possible for secure operation. A windsock and soft case are also included.

High-quality sound from discrete parts

Because a balanced microphone pre-amplifier circuit with discrete parts is used, the S/N ratio is greatly improved over the previous DR-100 when H is selected for MIC GAIN. For the whole circuit, a high S/N ratio of 92dB and a THD+N of 0.01% (max.) are achieved.

AD/DA Audio4pro™ for professional audio

An Audio4pro™ IC* by AKM with a S/N ratio in excess of 100dB is used for the AD/DA. High-quality sound is achieved by using the right ADC that digitizes the high-quality sound from the high-quality microphone and analog circuit.
* Audio4pro™ is an IC developed by AKM for professional digital audio equipment such as mixers used in recording studios.

Improvements to the popular DR-100 based on user feedback

- +4dBu line-level input possible with XLR input
- Locking XLR input connector for secure connection
- Improved sound quality with the omidirectional and unidirectional microphones
- Digital inputs

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Features at-a-glance

Total of 4 microphones including 2 unidirectional condenser microphones and 2 omnidirectional microphones	Locking XLR/TRS inputs compatible with +4dBu line level / +48V phantom power with 20dB of head room
Dual battery system that can use two different types of batteries; the exclusive Li-ion battery and standard AA batteries	Independent left/right adjustable large rotary input volume knob
Rugged aluminum body for use in extreme conditions	Digital input connector for lossless connection from playback devices
Mechanical switches allowing for simple and sure operation	High-quality output via the line level output connector, which is independent from the headphones connector
High-quality sound from discrete parts	AD/DA Audio4pro for professional audio
Built-in 0.4W monaural speaker for sound source confirmation	128x64 pixel backlight LCD
SD/SDHC cards, which have broad versatility and are easy to use, can be used for recording media	24bit/96kHz high sound quality linear PCM (WAV) recordings and long recordings as MP3 files are possible (96kHz is only possible in HS Mode)
Overdubbing function allows for new recordings to be overlapped onto recorded files *Overdub recording cannot be selected when prerecording is used	Level control function for adjusting the auto gain control and limiter
Three low cut filter levels that cut unnecessary low frequency noise such as from air conditioning equipment (40/80/120Hz)	Auto recording function that can detect the sound input signal level and automatically start recording
Prerecording function that can record up to 2 seconds prior to starting recording	REC DELAY function for delaying the start of a recording to avoid recording the sound of pressing the RECORD button

Mark function that can set up to 99 points for a single track

File name format can be set to use a user-defined word or the date

Track incrementing function that creates new files at arbitrary locations during recording

Repeat playback function (All/Single/A-B)

Divide function for dividing files at specified locations (WAV files only)

Audio file information such as the recording date/time and size can be confirmed

2GB SD card is included

Includes the RC-10 wireless/wired remote control
Longer operation is possible by using the optional BP-6AA external battery pack

Mini USB cable included

QUICK TAG function for quickly identifying files
Auto track incrementing function that automatically updates files while continuing to record (Detection source: Level, size)

Playlist function that registers files you want to play back
Tempo change (VSA) function for adjusting the speed from 50% to 116%, which is great for practicing music and studying languages (This function is not available in HS Mode)

Japanese language display for MP3 ID3 tag (Ver. 2.4) is possible

High-speed file transfer to a computer via USB 2.0

Strong metal tripod attachment screw-hole at the bottom on the unit

Includes a soft case and windsock
Operation is possible by AC power using the optional PS-P520 AC adapter

DR-100MKII SPECIFICATIONS

Recording Media	SD card(64MB to 2GB), SDHC card(4GB to 32GB)
File System	FAT16/32
File Format	WAV, MP3
Recording/Playback Format	
WAV	44.1/48/96 (HS mode) kHz, 16/24-bit
Sampling frequency	
STD mode	44.1k / 48k Hz
HS mode	44.1k / 48k / 96k Hz
Quantization bit rate	16bit / 24bit
MP3	
Sampling frequency	44.1k / 48k Hz
Recording bit rate	32k / 64k / 96k / 128k / 192k / 256k / 320k bps
Playback bit rate	32kbps to 320kbps
Number of Channels	2 channels(stereo)
Playback Speed Control (VSA)	-50% to +16%(1% step)
Analog Inputs	
MIC/LINE 1 IN	Phantom Power Compatible
Connector	XLR-3-31 (1 : GND, 2 : HOT, 3 : COLD)
MIC	Switch is set to MIC
Input Impedance	2.1k ohms
Nominal Input Level	-14dBu
Maximum Input Level	+2dBu
LINE 1	Switch is set to LINE
Input Impedance	2.5k ohms

Nominal Input Level	+4dBu
Maximum Input Level	+24dBu
LINE 2 IN	
Connetor	3.5mm(1/8") Stereo mini jack
Input Impedance	22 k ohms or more
Nominal Input Level	-10dBV
Maximum Input Level	+6dBV
Analog Output	
LINE OUT (XLR LINE IN)	
Connector	3.5mm(1/8") Stereo mini jack
Output Impedance	200 ohms
Nominal Output Level	-14dBV
Maximum Output Level	+6dBV
Digital Input	
Connector	2.5mm(3/32") TRS jack
Format	IEC60958-3(S/PDIF)
PHONES	
Connector	3.5mm(1/8") Stereo mini jack
Maximum Output	25mW+25mW(32ohms loaded)
USB	
Connector	Mini-B type
Format	USB2.0 HIGH SPEED mass storage class
REMOTE	
Connector	2.5mm(3/32") TRS jack
Format	Exclusive TASCAM RC-10/RC-3F
Built-in Speaker	0.4W (mono)
Power Supply	Exclusive Li-ion battery (BP-L2), 2 AA batteries, Exclusive AC adapter (PS-P520), Exclusive external battery pack (BP-6AA)
Power Consumption	4W(MAX)
Battery operation time (Recording)	
Li-ion battery (BP-L2)	Built-in mics(UNI/OMNI) Approx 5 hours(Recording WAV, 44.1kHz, 16 bit)
Alkaline batteries (EVOLTA)	Built-in mics(UNI/OMNI) Approx 2 hours 45 minutes(Recording WAV, 44.1kHz, 16 bit)
Ni-MH batteries (eneloop)	Built-in mics(UNI/OMNI) Approx 4 hours(Recording WAV, 44.1kHz, 16 bit)
Dimensions	3.15(W)×6.024(H)×1.378(D) inch 80(W)×153(H)×35(D) mm
Weight (without batteries)	0.64lb 290g
Operating Temperature	0°C to 4°C

Included Accessories	2GB SD card, Exclusive Li-ion battery (BP-L2), USB connection cable, Exclusive soft case, Exclusive windsock, Wireless remote control (RC-10), Coin cell battery for confirming remote control operation, Wired remote control adapter, Wired remote control cable, Digital input conversion cable, Owner's Manual, Warranty card
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Audio Performance	
Frequency response	20 to 20kHz +1/-3dB(EXT IN to LINE OUT, Fs44.1kHz, JEITA) 20 to 22kHz +1/-3dB (EXT IN to LINE OUT, Fs48kHz, JEITA) 20 to 40kHz +1/-3dB EXT IN to LINE OUT, Fs96kHz, JEITA)
Distortion	0.01% or less(XLR LINE 1 IN to LINE OUT, Fs44.1kHz, +24dBu input, JEITA)
S/N Ratio	92dB or more(XLR LINE 1 IN to LINE OUT, Fs44.1kHz, +24dBu input, JEITA)

Computer Requirements	
Windows	
OS	Windows XP, Windows Vista, Windows 7, Windows 8
CPU type/speed	Pentium 300MHz or faster
Memory	128MB or more
USB	USB2.0
Macintosh	
OS	Mac OS X Jaguar(10.2), Mac OS X Panther(10.3), Mac OS X Tiger(10.4), Mac OS X Leopard(10.5), Mac OS X Snow Leopard(10.6), OS X Lion(10.7), OS X Mountain Lion(10.8)
CPU/Clock	Power PC, iMac, G3, G4, G5 266MHz or faster
memory	64MB or more
USB	USB2.0