SONY



PCM-D50 Linear PCM Recorder

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The portable possibilities are plentiful.

The latest addition to Sony's family of portable audio recorders, the PCM-D50 recorder adopted many of its features and style from the highly acclaimed PCM-D1 model, including rugged construction and cool design. And its affordable price point makes it highly attainable as well as highly attractive.

The PCM-D50 is a 96 kHz/24-bit recorder fitted with two-position (X-Y or Wide) stereo microphones, 4 GB of internal flash memory and a Memory Stick Pro-HG Duo[™] slot for additional storage. Operating on four AA alkaline batteries, it provides 14 hours of record operation at 44.1kHz 16bit recording. Among its many unique features are flexible microphone rotation, a pre-record buffer that records five seconds of audio before hitting the record button, digital pitch control and A/B segment/repeat. It's the ideal choice for making live musical, nature sound and field recordings. And the portable possibilities for songwriters, musicians and journalists are plentiful.



Sampling Rate and Quantization	Memory Stick PRO-HG Duo			Built-in Flash Memory
	1 GB	2 GB	4 GB	4 GB
22.05 kHz 16 bit	3 hrs 5 min.	6 hrs 25 min.	12 hrs 50 min.	12 hrs 55 min.
44.10 kHz 16 bit	1 hr 30 min.	3 hrs 10 min.	6 hrs 25 min.	6 hrs 25 min.
44.10 kHz 24 bit	1 hr 0 min.	2 hrs 5 min.	4 hrs 15 min.	4 hrs 15 min.
48.00 kHz 16 bit	1 hr 25 min.	2 hrs 55 min.	5 hrs 55 min.	5 hrs 55 min.
48.00 kHz 24 bit	55 min.	1 hr 55 min.	3 hrs 55 min.	3 hrs 55 min.
96.00 kHz 16 bit	40 min.	1 hr 25 min.	2 hrs 55 min.	2 hrs 55 min.
96.00 kHz 24 bit	25 min.	55 min.	1 hr 55 min.	1 hr 55 min.

•Times noted are approximate.

Highlights

- · 96 kHz-24 bit, virtually noise-free, recording quality
- Built-in, X-Y or Wide configuration electret condenser microphones for superb stereo sound
- 4GB internal Flash Memory, free of drive mechanisms
- Memory Stick Pro-HG Duo[™] slot for up to 4GB expandable memory
- Built-in USB port compatible with Macintosh[®] and Windows[®]/PC operating systems
- Operates with easily replaceable AA size batteries and offers exceptional battery life
- Versatile recording and playback functions including a pre-record buffer, digital pitch control and A/B segment/repeat
- Rugged metal construction with lightweight design
- Optional accessories include remote control, wind screen and tripod

Features and benefits

Superb Recording Quality

The PCM-D50 is a 96kHz/24 bit linear recorder that records in standard .WAV file format and surpasses standard DAT sound quality. A low signal-to-noise ratio provides virtually noise-free recording quality.

Expandable Memory

With a 4GB built-in memory, the PCM-D50 records up to six hours when recording in 44.1kHz 16 bit CD quality mode. And the Memory Stick PRO-HG Duo Slot provides up to 4GB memory expandability.



Built-in Microphones

The PCM-D50 recorder comes equipped with a high sensitivity, built-in, two-position electret condenser stereo microphone with flexible rotation for either X-Y or Wide stereo positions.



Versatile Recording Functions

The Dual Digital Limiter feature helps prevent distortion, a pre-record buffer records five seconds of audio before hitting the record button, and Super Bit Mapping technology helps achieve wide dynamic range.



Playback Functions

The PCM-D50 recorder provides MP3 playback, a special Digital Pitch Control feature that slows down playback without changing pitch, and an A/B segment/repeat feature that allows you to mark and repeat a segment.

PC/Macintosh Compatible

The PCM-D50 utilizes a simple drag and drop file transfer via high-speed USB connection.

Rugged Construction

Constructed of lightweight metal (aluminum), the recorder is built rugged to withstand the demands of pro applications.

PCM-D50 Specifications

evel: 450 mV Inm to 690nm nce: 22k ohms n to 680nm
nm to 690nm
nm to 690nm
rted

Input impedance: 22k ohm, Rated input level: 2.5 mV; Minimum input level: 0.7 mV Supports external mic plug-in power

Optional Accessories

RMPCM1 - Remote Commander® Remote Control



VCTPCM1 – Tripod Stand



ADPCM1 - Wind Screen





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