

Specifications

Olympus Digital Voice Recorder DM-1 **Voice & Music**

For the Digital Voice Recorder

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| Recording format: | DSS (Digital Speech Standard). |
| Specified input level: | -70 dBv. |
| Sampling frequency: | Standard Play (SP) mode: 12 kHz Long Play (LP) mode: 8 kHz. |
| Overall frequency response: | SP mode: 300 to 5,000 Hz LP mode: 300 to 3,000 Hz. |
| Recording time (64 MB card) : | SP mode: 10 hours 20 minutes LP mode: 22 hours 10 minutes. |
| Battery life: | Recording: Approx. 11 hours Playback: Approx. 8 hours (with alkaline batteries, based on our standard testing procedure). |

For the Digital Music Player

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| Compatible data format: | WMA, MP3 format (using the multi-decoder system). |
| Sampling frequency: | 44.1 kHz. (It may vary depending on the bit rate of the music data) |
| Frequency response: | 20 to 20,000 Hz. |
| Playback time: | Bit rate 160 kbps: 50 minutes Bit rate 128 kbps: 60 minutes Bit rate 96 kbps: 84 minutes Bit rate 64 kbps: 120 minutes (With a 64 MB card. Time may vary depending on the bit rate of the music data.). |
| Maximum headphone output: | 5mW + 5mW (at load of 16 Ω). |
| Battery life: | Approx. 8 hours (with alkaline batteries, based on our standard testing procedure). |

Shared specifications

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| Recording media: | 3 (3.3 V) SmartMedia cards. Capacity 4 to 128 MB. (Any SmartMedia card without an ID feature cannot be used with the Music Player). |
| Card format: | SSFDC Forum-compliant SmartMedia format. |
| Speaker: | Built-in \varnothing 28 mm round dynamic speaker. |
| Microphone jack: | \varnothing 3.5 mm mini-jack, impedance 2 k Ω . |
| Earphone jack: | \varnothing 3.5 mm mini-jack, impedance 8 Ω . |
| Maximum working output (3 V DC): | 180 mW or more (8 Ω speaker). |
| Input power requirement: | Rated voltage: 3 V. |
| Batteries: | Two AAA batteries (LR03 or R03) |
| External power supply: | AC adapter. |

External dimensions: 109.5 x 50.0 x 16.7 mm (without protrusions).
 Weight: 86 g (including batteries).
 Minimum PC requirements: USB interface, Windows 98, 98SE, ME, 2000 Professional, Intel Pentium class 200MHz processor or higher, 32 MB RAM, 70 MB hard disk space, 4 x CD-ROM drive, Creative Labs Sound Blaster 16 or 100% compatible sound card, speaker or earphone output, SVGA or higher colour video display card (minimum resolution 800x600), Internet connection and Web browser (Microsoft Internet Explorer 4.01 or later).

SmartMedia Capacities

Voice Recorder

Memory Size

4 MB

8 MB

16 MB

32 MB

64 MB

128 MB

Recording times in DSS format

SP mode

30 min

1 hr. 10 min

2 hr. 30 min

5 hr. 05 min

10 hr. 20 min

20 hr. 50 min

LP mode

1 hr. 10 min

2 hr. 35 min

5 hr. 20 min

11 hr.

22 hr. 10 min

44 hr. 40 min

Music Player

Memory Size

16 MB

32 MB

64 MB

128 MB

Playback times in MP 3 or WMA

at 128 kbps

15 min

30 min

60 min

120 min

at 64 kbps

30 min

60 min

120 min

240 min

* Specifications and design are subject to change without notice.

* Battery life varies greatly according to type of batteries used and the conditions of use.