

OLYMPUS

Your Vision, Our Future

Digital
Voice Recorders



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Note ideas down digitally

Whether you are on your way, at home or at work, wherever you have brilliant ideas – with the Olympus Digital Voice Recorders thoughts, ideas and statements are captured within a second and without pen and paper.

Olympus offers a wide range of different Digital Voice Recorders that take the users' individual wishes, situations of use and demands into account. They feature:

- DSS (Digital Speech Standard) file format – for excellent sound quality at a high compression rate
- Problem-free data transfer to PC and Mac – for smooth workflow
- Simple editing – for comfortable handling

Mixing business with pleasure

All Olympus Digital Voice Recorders of the DM range offer you 2 in 1: Digital Voice Recorder and high quality Music Player with built-in loudspeaker.

The Olympus DM-20 and DM-10 are perfect for recording any notes between times. Due to its remote control with integrated microphone and an optional attachable stereo-microphone stereo recording is possible too. For relaxation after a strenuous day or between meetings, the integrated Music Player is just the job!

DM-20

DM-10



Attachable Stereo Microphone ME 50S



Twice the performance

For recording:

- Over 4 hours* SHQ stereo quality with optional Stereo Microphone – never again miss any word
- 4 recording qualities (SHQ / HQ in WMA and SP / LP in DSS) – for high audio quality
- 5 folders** with up to 199 files maximum each – for perfect file management

For music:

- MP3 or WMA format – for excellence in quality with high compression of data
- WOW-technology – for full sound pleasure in 3D-sound quality
- Equaliser, Repeat and Random Play – play the music after your personal taste

* DM-10: 2 hours

** DM-10: 3 folders



Don't miss a single word!

The DS-2 is ideal for business users with a broad spectrum of needs

- High-quality recording – built-in Stereo Microphone to capture interviews or discussions in rich sound from all directions
- Over 22 hours recording time in 5 different recording formats – SHQ / SSP / HQ in WMA and SP / LP in DSS
- Efficient file management – 5 folders with up to 199 files each

DS-2



DM-20 and DM-10 are supplied with remote control with built-in microphone, docking station, and USB cable, DM-series utility software, stereo earphones, case, carrier strap and batteries.



- Timer function – automatic settings to start and stop recordings at specified times
- USB Audio Class support – microphone and speaker when linked to a computer and for direct recordings to a PC

DS-2 is supplied with docking station, USB cable, DSS Player Software, stereo earphones, AAA alkaline batteries and case.

Keep in touch with your PC!

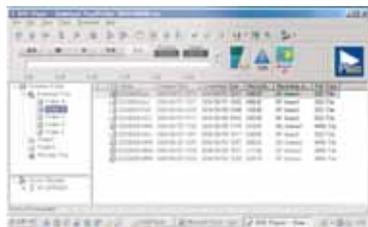
USB Storage Class support guarantees fast and safe downloads:

- Trouble-free transport of all types of digital files
- Documents and presentations can easily be uploaded
- Direct dictation to PC is possible



DSS Player Software:

Your perfect tool for downloading, organising and playing back recordings on the computer. An online upgrade to a PLUS version is available at a small charge. For example, this upgrade offers the opportunity to integrate optional voice recognition software.

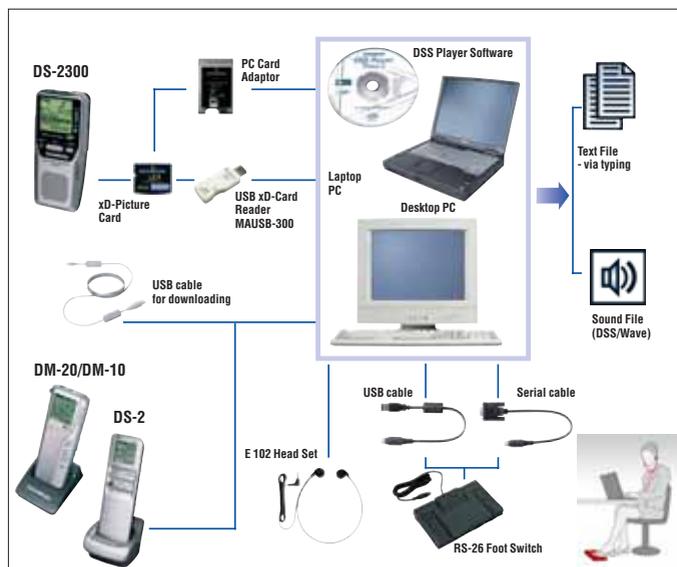


Ease your entry in digital dictation

The DS-2300 is the perfect entry-level model for a successful start in digital dictation.

With its elegant silver brushed design and the slim and handy full metal body it is an attractive companion whether you are on the move or in the office. Professional one-thumb operation makes recordings and adjustments incredibly easy.

DS-2300



NEW



Unlimited recording capacity with removable xD-Picture cards

Memory Size	Capacity	
	SP mode	LP Mode
16 MB	2 hrs. 30 min	5 hrs. 30 min
32 MB	5 hrs. 10 min	11 hrs. 05 min
64 MB	10 hrs. 25 min	22 hrs. 20 min
128 MB	20 hrs. 55 min	44 hrs. 45 min
256 MB	42 hrs. 00 min	89 hrs. 40 min
512 MB	84 hrs. 05 min	179 hrs. 30 min

Data is recorded digitally in the high-compression, high-quality DSS format. By utilising the removable xD-Picture cards* to save files there is effectively no limit to recording times.

* also for use in Olympus digital cameras

Always ready to dictate

- Removable xD-Picture Card – for almost unlimited recording capacity
- 5 folders with up to 199 files each – for perfect file management
- Editing functions as overwrite, insert, delete and security lock – for total control
- USB cable – enables trouble-free data transfer and direct dictation to your PC
- User ID – helps you identify data and author when transferring to PC
- With DSS Player Software – for easy downloading, organising and playback of DSS files



The tool for efficient workflow

The Transcription Kit AS-2300 is perfectly suited for writing minutes and interviews recorded with Olympus Voice Recorder using the DSS format and ensures problem-free workflow from dictation to organising the audio files in the secretary's office.

- With a typist's headset and footswitch – the secretary can control playback and work in ease and comfort
- The software DSS Player Transcription Module facilitates the transcription process
- Problem-free processing of downloaded or data received by e-mail. Label data according to priority and workload and view file status at any time – for simple and efficient workflow

AS-2300

Data transfer via docking station

The optional docking station is not just a DS-2300 stand for your desk. It allows connection via USB cable for fast up / download of voice files to the PC or Mac.



The DS-2300 is supplied with 16 MB xD-Picture Card, USB cable, DSS Player Software Version 6 and two AAA alkaline batteries.



Accessories

AC adapter: A322



Power adapter for extended use with 3 V (300 mA) mains voltage (for Europe, except the United Kingdom).

Ni-MH battery charger: BC400



Quick charger including 4 AAA Ni-MH batteries. Charging time for 2 AAA batteries approx. 155 minutes. Simultaneous charging of AAA and AA batteries possible.

Rechargeable Ni-MH batteries: BR401



Highly efficient, long-life rechargeable batteries. Type AAA, 800 mAh, 1.2V.

Stereo microphones: ME50S



Small plug-in microphone for making stereo recordings in WMA format in high-quality SHQ mode (for DM-20 / DM-10).

Noise cancelling microphone: ME12



Reduces ambient noise and improves transcription accuracy when using voice recognition software.

Tie-Clip microphone: ME10



For recording your own voice or other people nearby. Can be attached to clothing by a clip. The PA3 adapter required is included.

Connecting cable: KA 333



Connects the microphone socket to the other devices, e.g. a radio for dubbing. Additional plug adapters to convert 3.5 to 2.5 and vice versa are included.

xD-Picture cards



Compact removable memory cards, available as 16, 32, 64, 128, 256 and 512 MB.

USB Reader/Writer: MAUSB-300



Tiny USB stick, that allows fast transfer of electronic data to and from a PC. Very easy due to USB AutoConnect (Storage Class).

PC card adapter



Provides data transfer from xD-Picture cards and SmartMedia cards to a PC fitted with a PC card (PCMCIA) interface.

If you want to find out further benefits offered to business users, please refer to the extra brochure "professional dictation machines". Or go to our website: www.olympus-europa.com/consumer/voice



The mobile all-rounders

Small, lightweight and ultra-compact, but with an incredible wide range of functions: these stylish, highly versatile Olympus Digital Voice Recorders provide more effectiveness and simplicity in every day's workload. Nevertheless they support all your recording needs – in fact without requiring cables, docking stations or special software.

WS-200S

WS-100

NEW



NEW



Power in your pocket

- Incorporated USB connector directly on the body – can be plugged into the USB jack of nearly every PC or Mac
- PC link via “USB direct” – for fast up / download and simple plug and play
- USB Storage class compatible – allows saving of any file type in addition to voice files
- 5 folders with up to 199 messages each – for perfect file management
- Long Play mode – for storing up to 27,5 hours (WS-100) or almost 55 hours (WS-200S) of digital recording
- Various recording quality modes as SHQ (only WS-200S), HQ, SP and LP – for extended recording

WS-100 and WS-200S are supplied with Stereo Earphones, USB extension cable, neck strap and batteries.

Instant connection



Especially made for mobile users – due to an incorporated USB mass storage class functionality, you can use the WS-100 and WS-200S to carry any kind of digital data with you. Both recorders act like a drive on the PC, so files can easily be dragged and dropped – to and from the devices.



Your digital memory aid

The Digital Voice Recorder VN-Series has been updated with some new products. So there is the right product for every special need. The VN-120, VN-240, VN-1000 (new), VN-2000 (new) together with VN-960 PC (new), VN-480 PC and VN-240 PC offer you:

- From 2 hours up to almost 33.5 hours recording times in the Long Play mode respectively. Great even for long recordings!
- Practical Jog Dial – comfortable recording with one hand
- Large LCD display – for quick and easy navigation
- Lightweight – slips comfortably into your pocket ready to go wherever you want
- Alarm playback – to remind you of important dates or appointments
- Voice activation via VCVA – the voice recorder reacts to sound and switches on / off automatically when speaker starts / stops speaking

VN-960 PC

VN-480 PC

VN-240 PC

NEW

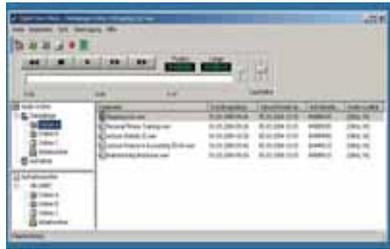


- Timer Recording – programme a time for the device to automatically start and stop recording (only VN-960 PC, VN-480 PC, VN-2000 and VN-1000)
- USB interface – for problem-free archiving data on PC (only VN-960 PC, VN-480 PC and VN-240 PC)
- Earphone – for listening without disturbing others (supplied with VN-240 PC and VN-2000)
- Earphone and microphone – for listening and convenient, handsfree recording (supplied with VN-960 PC and VN-480 PC)



Take your notes to the PC

Often, your best ideas can come when travelling, such as in the train on the way to work or college. Make sure you don't leave them behind. Archive your ideas, thoughts and spoken diary on the computer with PC-connectable



VN-960 PC, VN-480 PC and VN-240 PC notetakers. All are lightweight, ergonomic and compact so that they can be taken everywhere to save notes. Later, a USB interface makes it easy to transfer the voice files to your computer for archiving.

Whether ideas come on the move or in a relaxing atmosphere at home, this digital note taker makes sure you won't forget them.

User-friendly, functional design and really lightweight – the new digital Voice Recorders of the VN-series are the perfect companion for all who travel a lot and prefer creative flexibility without pen and paper.

VN-2000

VN-1000

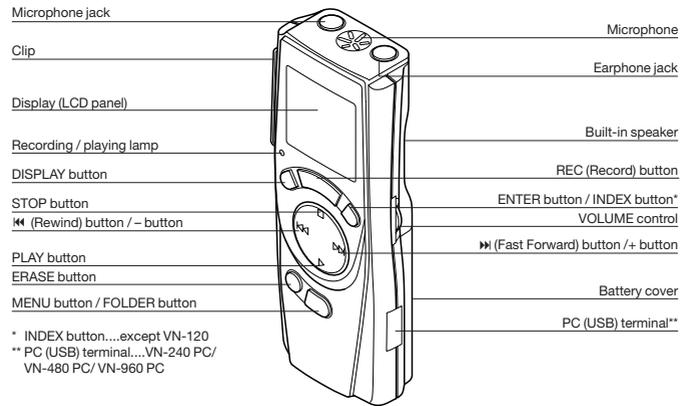
VN-240

VN-120



VN-960 PC / VN-480 PC / VN-240 PC

VN-2000 / VN-1000 / VN-240 / VN-120



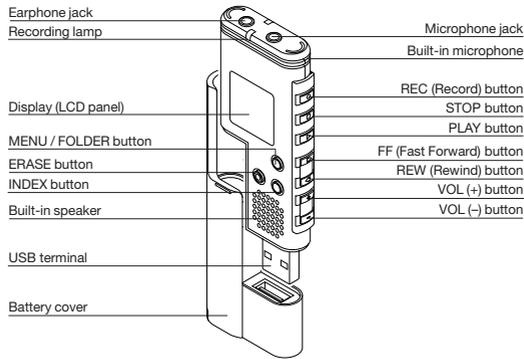
	VN-960 PC	VN-480 PC	VN-240 PC	VN-120	VN-240	VN-1000	VN-2000
Built-in flash memory	128 MB	64 MB	32 MB	16 MB	32 MB	32 MB	64 MB
PC interface	✓	✓	✓	—	—	—	—
File format	ADPCM	ADPCM	ADPCM	ADPCM	ADPCM	Triple rate coder	Triple rate coder
Recording quality and capacity	HQ 5 hrs. 55 min	2 hrs. 57 min	1 hr. 28 min	43 min	1 hr. 28 min	3 hrs. 30 min	7 hrs. 10 min
	SP 8 hrs. 55 min	4 hrs. 27 min	2 hrs. 12 min	1 hr. 5 min	2 hrs. 13 min	7 hrs. 20 min	14 hrs. 50 min
	LP 16 hrs. 30 min	8 hrs. 13 min	4 hrs. 05 min	2 hrs. 1 min	4 hrs. 5 min	16 hrs. 40 min	33 hrs. 20 min
Folders	4 (A/B/C/S)	4 (A/B/C/S)	4 (A/B/C/S)	3 (A/B/C)	4 (A/B/C/S)	4 (A/B/C/S)	4 (A/B/C/S)
Messages per folder	100	100	100	100	100	100	100
Time / date setting	✓	✓	✓	✓	✓	✓	✓
Schedule recording in folder S	✓	✓	✓	—	✓	✓	✓
Alarm playback	✓	✓	✓	✓	✓	✓	✓
Timer recording	✓	✓	—	—	—	✓	✓
VCVA recording	✓	✓	✓	✓	✓	✓	✓
Index	✓	✓	✓	—	✓	✓	✓
Erase single file / all files	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Microphone sensitivity	HI / LO			HI / LO			
Speaker	Built-in 28 mm round dynamic			Built-in 28 mm round dynamic			
EAR jack	3.5 mm / Impedance 8 ohm			3.5 mm / Impedance 8 ohm			
MIC jack	3.5 mm / Impedance 2 kohm			3.5 mm / Impedance 2 kohm			
Power source	2x 1.5 V / AAA batteries			2x 1.5 V / AAA batteries			
Battery life	Alkaline batteries approx. 25 hours (recording)			Alkaline batteries approx. 25 hours (recording)			
Dimensions (L x W x T)	99 x 39 x 21.5 mm			99 x 39 x 21.5 mm			
Weight incl. Batteries	66.5 g			68 g			

Operating system: Digital Wave Player Software

Microsoft Windows 98 / 98SE / ME / 2000 Professional, XP Professional, Home Edition, IBM PC/AT-compatible machine, Intel Pentium 166 MHz or higher, 32 MB RAM or more, 25 MB hard disk space, 2x CD-ROM drive, One free USB port, Creative Labs Sound Blaster 16 or any 100% compatible sound card, video display card 800 x 600 pixels min., 256 colours min., earphone or speaker output(s).



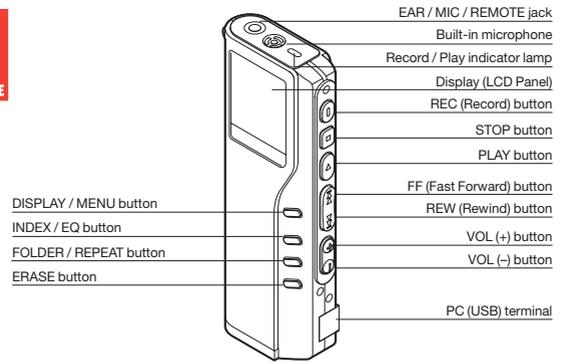
WS-100 / WS-200S



	WS-200S	WS-100
Built-in flash memory	128 MB	64 MB
PC interface	USB stick	USB stick
File format	WMA	WMA
Recording quality and capacity	SHQ* 4 hrs. 20 min	—
	HQ 8 hrs. 50 min	4 hrs. 20 min
	SP 17 hrs. 25 min	8 hrs. 40 min
	LP 54 hrs. 50 min	27 hrs. 20 min
Folders	5 (A/B/C/D/E)	5 (A/B/C/D/E)
Messages per folder	199	199
Time / date setting	✓	✓
Fast / slow playback	✓ / ✓	✓ / ✓
VCVA recording	✓	✓
Index	✓	✓
Erase single file / all files	✓ / ✓	✓ / ✓
Transport lock	✓	✓
Microphone sensitivity	HI / LO	
Speaker	Built-in 16 mm round dynamic	
EAR jack	3.5 mm / Impedance 8 ohm	
MIC jack	3.5 mm / Impedance 2 kohm	
Power source	1x 1.5 V / AAA battery	
Battery life	Alkaline battery approx. 13 hours (recording)	
Dimensions (L x W x T)	94 x 40 x 15.1 mm	
Weight incl. Batteries	54 g	

* SHQ – Stereo High Quality

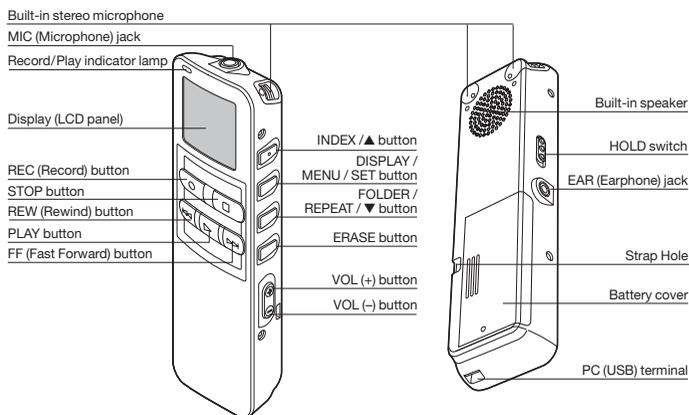
DM-20 / DM-10



	DM-20	DM-10
Storage Media	Built in 128 MB	Built in 64 MB
PC Interface	USB cable and docking station	
Voice Recorder		
File format	DSS & WMA	DSS & WMA
Recording Modes	128 MB	64 MB
Recording quality and capacity	SHQ 4 hrs. 20 min	2 hrs. 10 min
	HQ 8 hrs. 45 min	4 hrs. 20 min
	SP 20 hrs. 55 min	10 hrs. 25 min
	LP 44 hrs. 45 min	22 hrs. 20 min
Folders	5 / up to 199 messages	
Time / Date setting	✓	✓
VCVA recording	✓	✓
Index (in one file)	Up to 16	Up to 16
Erase single / all files	✓ / ✓	✓ / ✓
Microphone sensitivity	Conf / Dict	Conf / Dict
Noise cancel function	✓	✓
Alarm playback (of preset file)	✓	✓
Music Player		
File format	MP3 & WMA	MP3 & WMA
Playback time at 128 kbps	120 min	60 min
Folders	2 / up to 199 music files	
WOW effect / Equalising	✓ / ✓	✓ / ✓
Others		
Speaker	Built-in 23 mm round dynamic	
EAR jack / MIC jack	Combined Remote- / Ear- and Mic-jack, 3.5 mm / Impedance, Ear 8 ohm, Mic 2 kohm	
Power Source	2x 1.5 V / AAA batteries	
Battery life	Approx. 8 – 10 hours	
Dimension (L x W x T)	109.5 x 39.5 x 15 mm	
Weight incl. Batteries	85 g	

For more details regarding Minimum PC / Macintosh requirements please refer to www.olympus-europa.com/consumer/voice

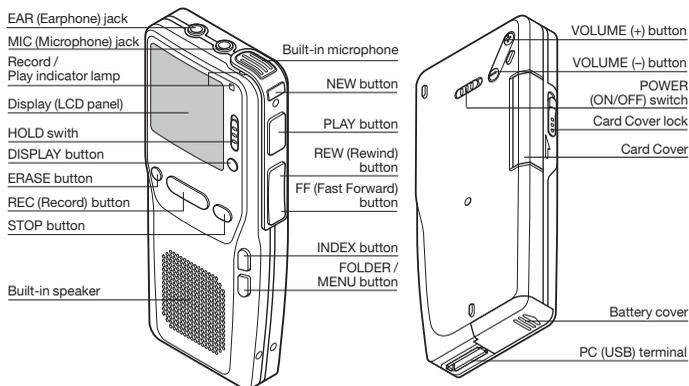
DS-2



DS-2 Features

Storage media	Built-in 64 MB flash memory										
PC Interface	USB cable and docking station										
USB storage class / USB audio device	✓ / ✓										
5 recording modes	Stereo HQ (SHQ), Stereo SP (SSP), High Quality (HQ), Standard Play (SP), Long Play (LP)										
File format	DSS (LP/SP) / WMA (HQ/SSP/SHQ)										
Recording quality and capacity	<table border="1"> <tbody> <tr> <td>LP</td> <td>22 hrs. 20 min</td> </tr> <tr> <td>SP</td> <td>10 hrs. 25 min</td> </tr> <tr> <td>HQ</td> <td>4 hrs. 20 min</td> </tr> <tr> <td>SSP</td> <td>2 hrs. 10 min</td> </tr> <tr> <td>SHQ</td> <td>1 hr. 5 min</td> </tr> </tbody> </table>	LP	22 hrs. 20 min	SP	10 hrs. 25 min	HQ	4 hrs. 20 min	SSP	2 hrs. 10 min	SHQ	1 hr. 5 min
LP	22 hrs. 20 min										
SP	10 hrs. 25 min										
HQ	4 hrs. 20 min										
SSP	2 hrs. 10 min										
SHQ	1 hr. 5 min										
Folders	5 / up to 199 messages										
Time / date setting	✓										
Normal / Fast / Slow playback	✓ / ✓ / ✓										
Cue / Review	✓ / ✓										
VCVA recording (Variable Control Voice Actuator)	✓										
Index	Up to 16 in one file										
Erase single/all files	✓ / ✓										
Lock single files	✓										
Microphone sensitivity	Conf/Dict										
Noise cancel function	✓										
Timer recording	✓										
Alarm playback (of preset file)	✓										
Speaker	Built-in Ø 23 mm round dynamic speaker										
EAR jack	3.5 mm / Impedance 8 ohm										
MIC jack	3.5 mm / Impedance 2 kohm										
Power Source	2x 1.5 V / AAA batteries										
Battery life	18 hours										
Dimension (L x W x T)	122 x 37.5 x 17.5 mm										
Weight incl. Batteries	80 g										

DS-2300



DS-2300 Features

Storage media	xD-picture cards (up to 512 MB)				
PC Interface	USB cable / optional docking station & card adapters				
USB storage class / USB audio device	✓ / ✓				
File format	DSS				
Recording modes	Standard Play (SP), Long Play (LP)				
Recording times (on supplied 16 MB)	<table border="1"> <tbody> <tr> <td>SP</td> <td>2 hrs. 30 min</td> </tr> <tr> <td>LP</td> <td>5 hrs. 30 min</td> </tr> </tbody> </table>	SP	2 hrs. 30 min	LP	5 hrs. 30 min
SP	2 hrs. 30 min				
LP	5 hrs. 30 min				
Folders	5 / up to 199 messages				
Individual folder names	✓				
Time / date setting	✓				
New button	✓				
Insert / Overwrite	✓ / ✓				
Cue / Review	✓ / ✓				
VCVA recording	✓				
Index	Up to 16 in one file				
Erase single file / all files	✓ / ✓				
Lock single files	✓				
Microphone sensitivity	Conf / Dict				
Speaker	Built-in Ø 28 mm round dynamic speaker				
EAR jack	3.5 mm / Impedance 8 ohm				
MIC jack	3.5 mm / Impedance 2 kohm				
Power source	2x 1.5 V / AAA batteries				
Battery life (recording)	20 hours				
Dimensions (L x W x T)	110.2 x 50.0 x 16.9 mm				
Weight incl. Batteries	103 g				

Specifications and design are subject to change without any notice.
For more details regarding minimum PC requirements please refer to www.olympus-europa.com/consumer/voice

Operating system: DSS Player Software Version 6 (coming with DS-2, DS-2300 and AS-2300)

Windows

Computer: IBM PC/AT compatible PC
Operating System: Microsoft ME / 2000 Professional / XP Professional, Home Edition

Macintosh

Computer: Power Mac G3 233 MHz class processor or faster,
iMac / iBook / eMac / Power Mac / PowerBook
Operating System: Mac OS 10.1 / 10.2 / 10.3
Note: The computer must support a standard USB port

