

OLYMPUS

Your Vision, Our Future

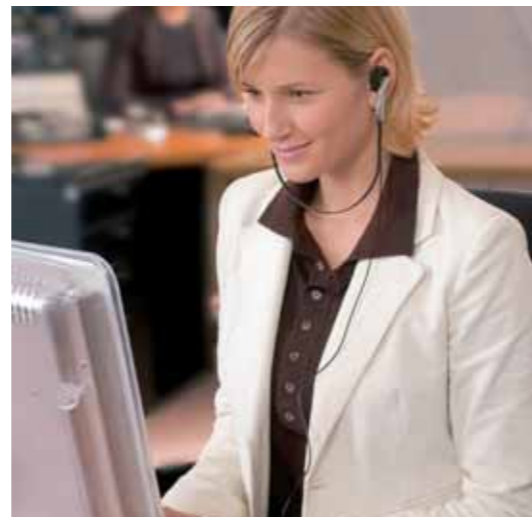
Professional digital dictation systems



Dictation systems

A new era in professional dictation is dawning ...

Olympus delivers stylish simplicity with its latest range of digital voice recorders. Designed for use by the busy professional, all devices are easy to use, effective and reliable, allowing every last word to be captured.



With a variety of different features available across the range, simply choose the model that best suits the purpose. A host of accessories complement the range to ensure that every requirement can be catered for, including hands-free operation.

Designed to do the job

Designed to perform; high quality, crystal clear recordings that are easily transferred to a computer, are delivered by Olympus. Effective workflow is achieved with the quick downloading of files via the USB interface whilst the removable xD-Picture Card generates practically unlimited recording time.



DS-4000



DR-2000



DS-3300



DS-2200



AS-4000

Today's needs

Taking on board the diverse needs of today's business workplace, Olympus has combined unlimited flexibility with independence. Digital Speech Standard (DSS) delivers excellent sound reproduction with the ability to compress file sizes to reduce memory requirements without impairing quality. DSS also ensures high speed transfer of files by email, organising and transferring voice files has never been easier.

Range overview

- Stylish and easy to use
- Delivers outstanding sound reproduction and playback
- Full range of accessories
- Quick and easy transfer of files to PC
- xD-Picture Cards deliver virtually unlimited recording time
- Olympus reliability
- Choice of features
- Hands-free options
- Certain models suitable for left or right-handed users and those with impaired vision
- Desk based or handheld
- Customised operations possible
- Suitable for use on networks and with voice recognition software

DS-4000

The professional's companion

A one thumb operation slide switch and docking station allows users of the DS-4000 to concentrate purely on their business needs without worrying about their recording device.



The smart compact design with a full metal body incorporates an LCD display which is available in English, German and French. The smooth operation of the slide switch makes this model virtually noise free when it is used.

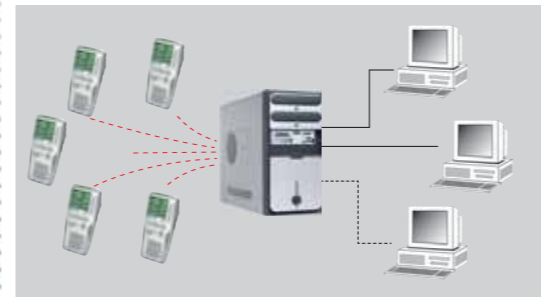
By allowing the user to customise* features via the programmable buttons, recordings can be organised efficiently with folders easily being minimised or maximised. Additional comments may be placed into files; files can be individually named and the use of IDs and work type settings is possible. Each folder holds up to 199 voice files.

* Customisation by your Pro-line dealer



By utilising DSS Player Pro software, voice files can be put on a network immediately. The author, work group and priority of the file are all then displayed as an overview. Integration into most PC or Mac environments can easily be obtained.

Hands-free dictation is also possible with the DS-4000 using the optional footswitch.



Main Features:

- 2 recording qualities in high compression and DSS format
- Up to 10 different author IDs
- Ability to assign up to 10 user-defined work types for sorting thematically
- Option of "tagging" of voice files as "normal" or "high priority"
- USB docking station for easy downloading and recharging
- Removable xD-Picture Card (up to 1GB) for practically unlimited recordings
- Superb high quality recording via DSS format
- DSS Player Pro software



DR-2000

Combining simplicity with innovation ...

Stylish and easy to use, the DR-2000 is perfect for both left or right-handed users and is part of the "Directrec" range of desk-based dictation systems.



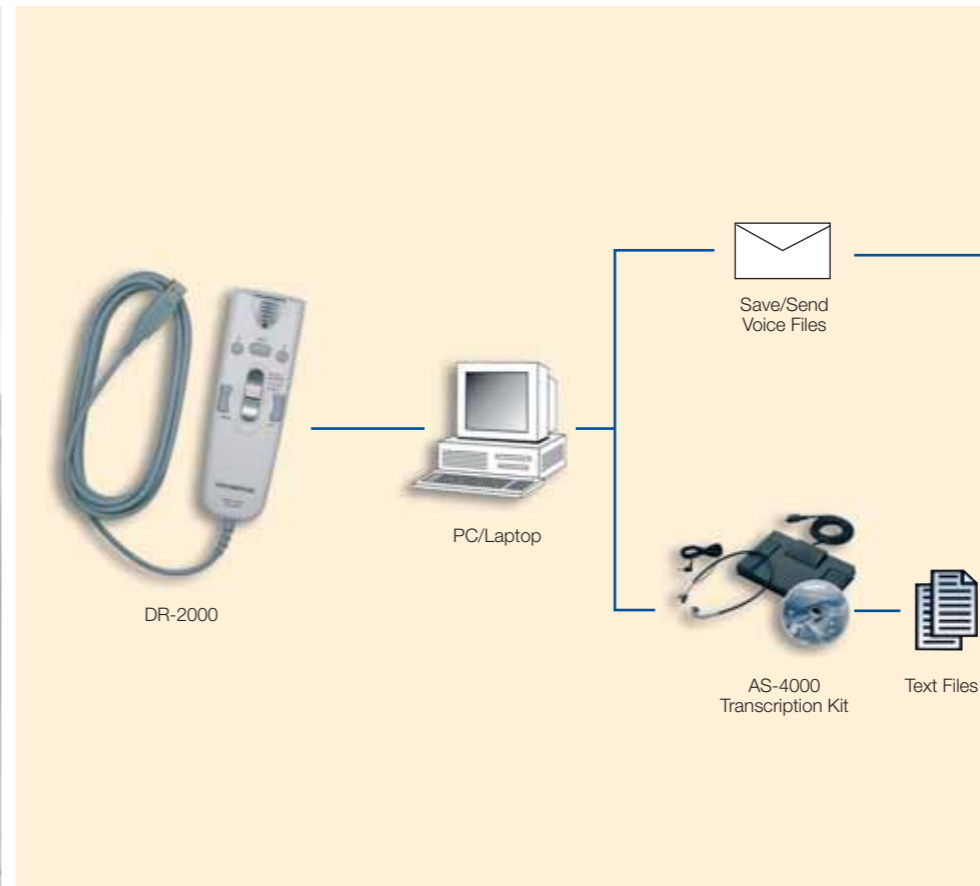
The DR-2000 is supplied with DSS Player Pro software. The optional AS-4000 Transcription Kit makes it excellent for use by secretarial staff.



Delivering outstanding performance, a highly sensitive microphone ensures everything is recorded in exact detail whether the device is being used for dictation or conference recording. The innovative design also ensures the speaker is not obstructed during use which means it is capable of operating at high volume – useful when recording in noisy environments.

As it records directly to a PC, there is also no need to worry about storage capabilities or additional accessories. The optional audible command "beeps" also makes the device equally useful for the visually impaired.

DIRECTREC



Main Features:

- Symmetrical design makes it easy to use by either left or right-handed users
- Optional audible "command beeps" assists the visually impaired
- Highly sensitive microphone delivers excellent quality recordings in a variety of environments
- Speaker position provides crystal clear sound quality
- Loudspeaker gives outstanding performance even in noisy surroundings
- DSS Player Pro software

The DR-2000 is also available without DSS software for integration in various customisable workflow solutions.

.dss
DIGITAL SPEECH STANDARD

DS-3300

Word perfect in one touch

A one-touch, one-handed operation makes this model a popular choice from the DS range. A robust brushed metal housing also adds to the device's overall professional feel.

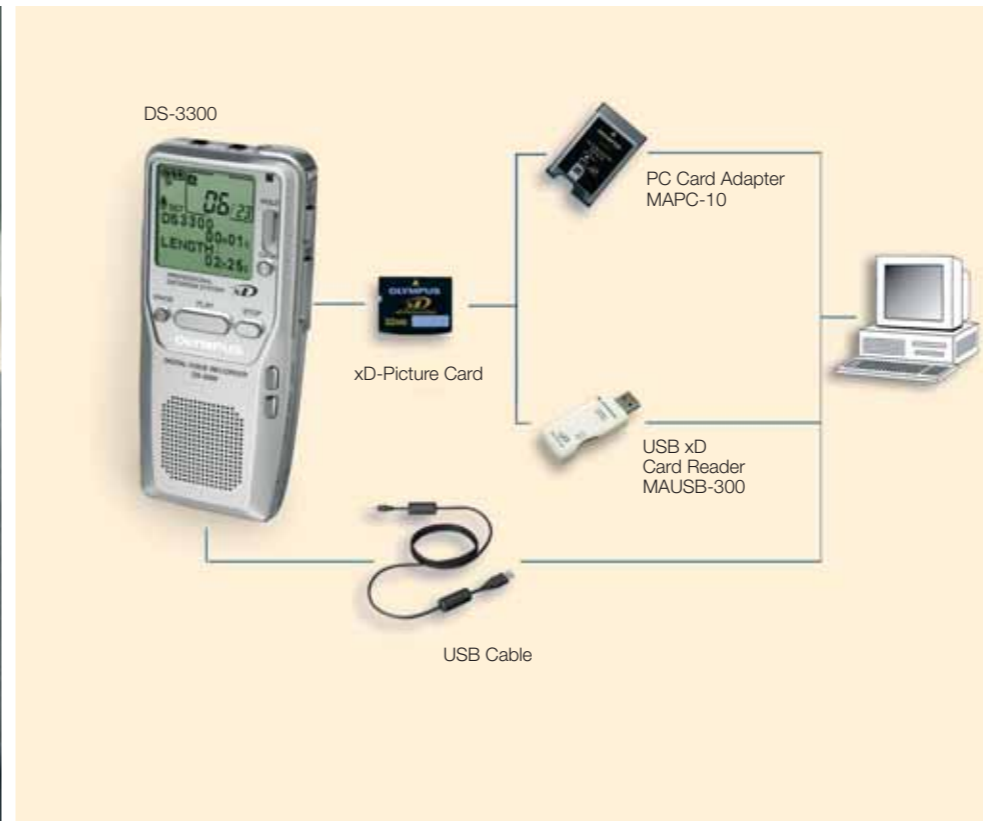


A maximum of 199 separate recordings can be stored in up to 7* folders on the supplied 32 MB xD-Picture Card, meaning notes and meetings can be filed individually. Short (SP) or Long Play (LP) mode, indexing, insertion, user IDs and work type settings are all features of this device which aid efficient working.

The DSS Player Pro software also allows a number of functions to be performed automatically, including emailing specific recipients as well as handling voice recognition software.

The Custom button* can be reprogrammed to utilise the main features of the DS-3300. When using the optional footswitch it is possible to operate hands-free which is vital for those users requiring the use of both hands in their daily work. Recharging can be done via the docking station or USB cable (with optional BR402 battery pack). Once connected to the PC it can be used as a microphone and speaker for direct dictation and playback from the computer.

* Consult your Pro-Line dealer



Main Features:

- Recording in DSS format
- Over 11 hours recording time with the supplied 32MB xD-Picture Card (optional xD-Picture Cards up to 1GB extend this talk time to make it practically unlimited)
- Up to 7 folders (each holding up to 199 files each)
- Direct dictation to PC via the USB cable
- Customisation button to suit user needs
- Job data and priority settings
- Editing functions (overwrite/insert/delete/security lock)
- Full metal casing
- Compatible with most optional voice recognition software
- DSS Player Pro software

DS-2200

The interview star

Offering outstanding recording in four different quality modes, the DS-2200 is the perfect tool for journalists and busy managers.

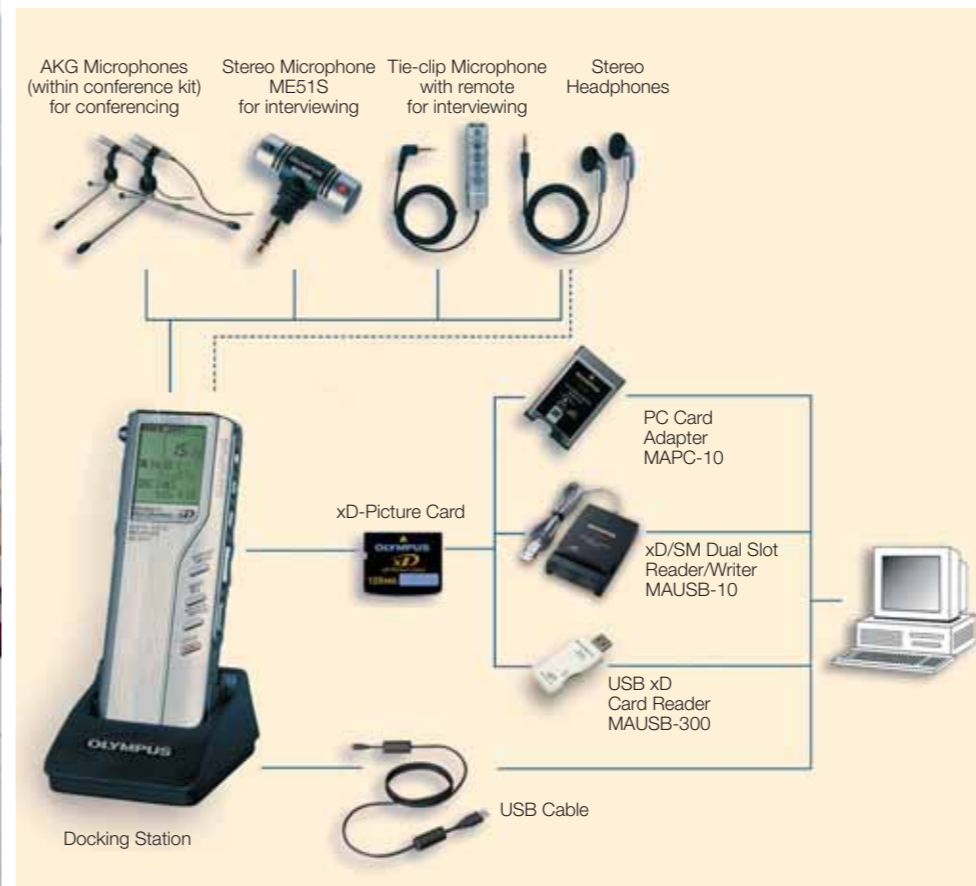


The DS-2200 is a top level recorder designed to meet the needs of professionals. Compatible with both PC and Mac the DS-2200 comes complete with a docking station, USB connector, ME51S clip microphone, DSS Player Pro software and removable 128MB xD-Picture Card.

The plug-in ME51S stereo microphone delivers professional recordings in interview environments.



If your needs are more conference based, you can also get the DS-2200 as a conference kit – the ideal solution to provide stereo recordings in larger rooms. The kit comes with 2x AKG microphones (each with a 2.5m cable), these 2 high quality electric condenser microphones capture every sound and statement in perfect stereo. The frequency responses of the device and the microphones work in perfect harmony to ensure fantastic playback quality. It is easy to carry and straightforward to set up, taking only a few seconds.



Main Features:

- Over 4 hours stereo recording in SHQ mode
- Nearly 45 hours in LP mode
- Four recording qualities – Stereo High Quality (SHQ), High Quality (HQ) in WMA format and Standard (SP), Long Play (LP) in DSS format
- Easy connectivity to PC or Mac via USB docking station
- DSS Player Pro software
- Stylish brushed metal housing

AS-4000

Transcription Kit

The AS-4000 Transcription Kit is the ideal companion to the DS-4000, although it can be used with all other Olympus digital voice recorders in the Pro-line range.

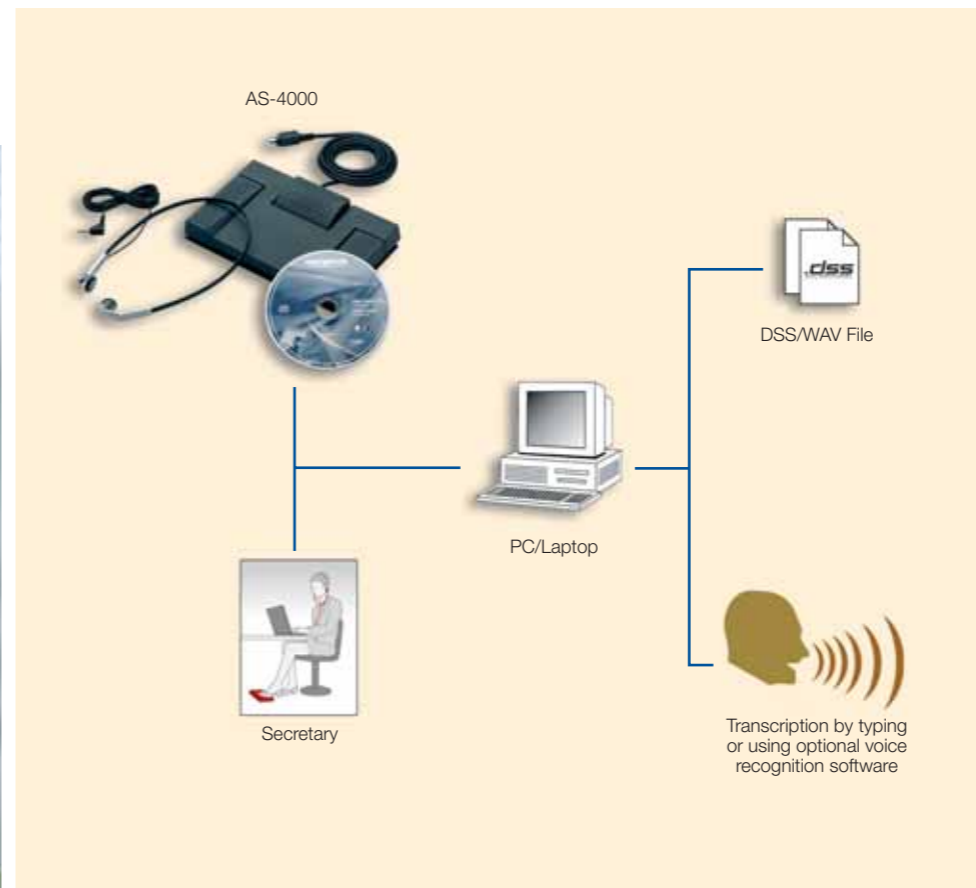
The AS-4000 Transcription Kit perfectly rounds up the Olympus digital system. Besides a footswitch and headset, it contains a software module developed to ensure maximum efficiency when converting the spoken words to text. Highlights include: easy file and document management, auto-receipt and redirection of emails into corresponding in-trays via FTP, POP3, SMTP or network, and an encryption function.



The DSS Player Pro software consists of two modules – the dictation module which is used when the voice recorder is connected directly to the PC, and the transcription module which is used by the secretary transcribing. The transcription module can also scan incoming emails* for DSS files and places them in the appropriate folder.

Familiar icons for all the main functions (playback, stop, pause etc.) and working with the headset and footswitch assist the secretary to work efficiently. Once a file has been marked as “finished”, it is automatically archived but an additional option also allows the document to be returned to the sender.

Straightforward, reliable and efficient – processing files has never been easier.



Main Features:

- Includes a PC footswitch with USB or serial connection
- Stereo headphones
- DSS Player Pro software (Transcription module)
- Compatible with all Olympus Pro-line digital voice recorders



* Applies to all MAPI-capable email programs

Accessories

Maximise performance potential with the extensive range of Olympus accessories



5



6



7



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4



11



12



13



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10



17



18



14



15



16

1. Tie-clip microphone ME15

Highly sensitive miniature tie-clip microphone (-42db) with a frequency response from 100 – 12000Hz. Suitable to record your own voice or other people nearby. 3.5mm monaural jack.

2. AC Adapter A322

Power adapter for extended use with 3V (300mA). (Compatible with the DS-2200) mains voltage (for Europe except the UK).

3. Plug adapter PA3

Allows the connection of microphones with 2.5mm mini-plug to equipment with 3.5mm mini-sockets.

4. Connecting cable KA333

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.

5. Footswitch RS26

Connect to the serial or USB port of a PC for hands-free transcription convenience. For hands-free dictation connect to the docking station. (Compatible with DS-3300/DS-4000).

6. Tie-clip microphone ME10

For recording your own voice or other people nearby. Can be attached to clothing by a clip. Sensitivity of -63dB, frequency response from 100 – 7000Hz, 2.5mm monaural jack.

7. Stereo microphone ME51S

Small plug-in microphone (T type) for making stereo recordings in WMA format in high-quality SHQ mode. Sensitivity of -48dB, frequency response from 100 – 15000Hz. (Compatible with DS-2200).

8. AC adapter D7AC

Connect to the docking station to recharge the Ni-MH battery pack in the DS-4000.

9. PC card adapter MAPC-10

Provides data transfer from smartmedia or xD cards to a PC fitted with a PC card (PCMCIA) interface.

10. Dual slot reader/writer MAUSB-10

Allows fast and simple data transfer via USB interface between smartmedia or xD cards and computers with Windows (98/Me/2000/XP) and Mac (OS 8.6/9 x/X) operating systems.

11. Docking station CR3

Can recharge the Ni-MH battery in the connected DS-4000/DS-3300 by using the AC adapter or the USB connection as a power source. Connect the RS26 footswitch for hands-free recording/playback.

12. Noise-cancelling microphone ME12

Reduces ambient noise and improves transcription accuracy when using voice recognition software. Sensitivity of -63dB, frequency response 200 – 5000 Hz.

13. Earphone E20

Small monaural earphones for undisturbed reviewing of recordings.

14. Ni-MH battery charger BC400

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

15. Rechargeable Ni-MH batteries BR401

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

16. Rechargeable Ni-MH battery pack BR402

Highly efficient rechargeable long-life battery pack. 740mAh, 2.4V (only with DS-4000/DS-3300).

17. xD-Picture Cards

Additional compact removable memory cards available as 256MB, 512MB and 1GB. (Compatible with DS-3300/DS-4000/DS-2200).

18. USB Reader / Writer MAUSB-300

Tiny USB stick that allows fast and easy transfer of electronic data to and from a PC to xD-Picture card.

DS-4000

Specifications

The DS-4000 is supplied with 32MB xD-Picture Card, docking station with recharging function, rechargeable battery pack, DSS Player Pro software (dictation module), AC adapter, USB cable and case.

Storage media	xD-Picture Cards up to 1GB	
PC interface	USB cable and docking station	
Data up / download from PC	Yes	
2 recording modes	SP & LP	
File format	DSS in SP & LP	
Recording times:	SP	LP
(Supplied) 32MB	5hrs 10mins	11hrs 5mins
256MB	42hrs	89hrs 40mins
512MB	84hrs 5mins	179hrs 30mins
1GB	164hrs 15mins	350hrs 15mins
Sampling frequency	SP: 12kHz / LP: 8kHz	
Frequency response	SP: 300 – 5000Hz	LP: 300 – 3000Hz
Programmable buttons	A / B	
Customisable functions	Yes	
New button	Yes	
Folders	1 – 7 settable / up to 199 messages per file	
Individual folder names	Up to 20 characters with hard / software	
Author ID setting	Up to 10	
Work ID setting	Up to 10	
Insert / overwrite	Yes	
Erase single / all / partial	Yes	
FF skip / reverse skip	Yes	
Cue	Yes	
Microphone sensitivity	Conf / Dict	
VCVA recording	Yes	
Index	Up to 16 in one DSS file	
Date / time setting	Yes	
Erase protection	Yes	
Power save mode	Yes	
USB storage class /		
USB audio device	Yes	
Priority setting for files	High & normal	
Speaker	Built-in 28mm round dynamic speaker	
Earphone jack	3.5mm mini jack	
Microphone jack	3.5mm mini jack	
Power source	Rated voltage 3V DC	
Batteries	Ni-MH rechargeable battery pack or 2x AAA batteries	
Battery charge function	With docking station	
Dimensions	110.2mm (L) x 50mm (W) x 16.9mm (T)	
Weight (incl. batteries)	103g	



DR-2000

Specifications

The DR-2000 Executive Kit is supplied with DSS Player Pro software.

Fast forward button	Yes
Rewind button	Yes
New button	Yes
Programmable buttons	3 – A / B / Rear
Record button	On slide switch
Stop button	On slide switch
Play button	On slide switch
Review button	On slide switch
Recording time	Unlimited – records directly to PC
Record format:	(with DSS Player Pro software) DSS (Digital Speech Standard) (without DSS Player Pro software) PCM format
Microphone sensitivity	-61dB at 1kHz (dict) / -48dB at 1kHz (conf)
Optional accessories	AS-4000 (Exec. kit only)
Software	Executive kit comes with DSS Player Pro software
Interface	USB audio class / HID class
Overall frequency resp.	100 – 15000Hz
Microphone diameter	10mm
Speaker diameter	36mm
Transfer data	PCM 16bit mono
Sampling rate	8, 11, 12, 16, 22, 44kHz
Input level	-70dBv
Dimensions	157mm (L) x 49mm (W) x 27mm (T)
Weight	110g

PC requirements for DSS Player Pro Software:

IBM PC/AT compatible PC

- Microsoft Windows Me/2000 Professional, XP Professional, Home Edition
- Intel Pentium 11 class 333 MHz processor or faster
- 128MB RAM or more
- 50MB or more HDD space
- 2x or faster CD-ROM, CD-RW, DVD-ROM drive
- Creative Labs Sound Blaster 16 or 100% compatible sound card
- Microsoft Internet Explorer 4.01 SP2 or later
- 800 x 600 pixels or more, 256 colours or more
- One or more free ports



DS-3300

Specifications

The DS-3300 is supplied with a 32MB xD-Picture Card, docking station, USB cable, 2x AAA batteries, leather case and DSS Player Pro software.

Part of the Olympus Pro-line range

Recording format	DSS		
Recording medium	xD-Picture Card		
Recording times	SP	LP	
(Supplied) 32MB	5hrs 10mins	11hrs 5mins	
256MB	42hrs	89hrs 40mins	
512MB	84hrs 5mins	179hrs 30mins	
1GB	164hrs 15mins	350hrs 15mins	
PC interface	USB cable (via docking station)		
Sampling frequency	SP mode: 12kHz LP mode: 8kHz		
Overall frequency response	SP mode: 300 – 5000Hz LP mode: 300 – 3000Hz		
Specified input level	-70 dBv		
Speaker	Built-in 28mm round dynamic speaker		
Microphone jack	3.5mm mini jack		
Earphone jack	3.5mm mini jack		
Max working output	220mW or more (8 Ohm speaker)		
Power supply	Rated voltage 3V – 2x AAA batteries or optional Ni-MH rechargeable batteries		
Dimensions	110.2mm (L) x 50mm (W) x 17.2mm (T)		
Weight (incl. batteries)	101g		

PC/Mac requirements for DSS Player Pro software:

IBM PC/AT compatible PC:

- Microsoft Windows 98/98SE/Me/2000 Professional, XP Professional, Home Edition
- Intel Pentium 11 class 333 MHz processor or faster
- 128MB RAM or more
- 50MB or more HDD space
- 2x or faster CD-ROM, CD-RW, DVD-ROM drive
- Microsoft Internet Explorer 4.01 SP2 or later
- 800 x 600 pixels or more, 256 colours or more
- One or more free ports
- Note – do not use the recorder as a USB microphone/speaker on Windows 98 as computer operation may become unstable

Mac:

- Power Mac G3 233 MHz class processor or faster
- iMac/iBook/eMac/Power Mac/PowerBook (the computer must support standard USB ports)
- Mac OS 9.0 – 9.2.2 / 10.1 – 10.3
- 128 MB RAM or more
- 50MB hard disk space or more
- 2x or faster CD-ROM, CD-RW, DVD-ROM drive
- 800 x 600 pixels or more, 256 colours or more
- One free USB port, earphone output or speakers
- Mac version does not support voice recognition software



DS-2200

Specifications

The DS-2200 is supplied with 128MB xD-Picture Card, docking station and USB cable, DSS Player Pro software (dictation module) stereo microphone ME51S, remote control, microphone, stereo earphones, batteries, case and handstrap.

DS-2200 Conference Kit is supplied as above in an aluminium case plus AKG conference microphones, tripods and AC adapter.

Storage media	xD-Picture Cards up to 1GB				
PC interface	USB cable and docking station				
Data up / download from PC	Yes				
4 recording modes	Stereo High Quality (SHQ) with stereo microphone / HQ / SP / LP				
File format	DSS in SP / LP mode. WMA in HQ / SHQ				
Recording times	SHQ	HQ	SP	LP	
(Supplied) 128MB	4hrs 20mins	8hrs 45mins	20hrs 55mins	44hrs 45mins	
256MB	8hrs 50mins	17hrs 45mins	42hrs	89hrs 40mins	
512MB	17hrs 45mins	35hrs 30mins	84hrs 5mins	179hrs 30mins	
1GB	34hrs 5mins	68hrs	164hrs 15mins	350hrs 15mins	
Sampling frequency	SHQ/HQ: 44,1kHz / SP: 12kHz / LP: 8kHz				
Frequency response	SHQ: 300 – 8000Hz / HQ: 300 – 7000Hz SP: 300 – 5000Hz / LP: 300 – 3000Hz				
Folders	5 with up to 199 messages per folder				
Individual folder names	Yes				
Move between folders	Yes				
Author ID setting	With DSS Player Pro software				
Erase single / all files	Yes				
Normal / fast / slow playback	Yes				
FF skip / reverse skip	Yes				
Cue	Yes				
Noise cancel function	Yes				
Microphone sensitivity	Conf / Dict				
VCVA recording	Yes				
Index	Up to 16 in one DSS / WMA file				
Pause	Yes				
Alarm with playback	Yes				
Time / date settings	Yes				
Erase protection / hold	Yes				
USB vendor class	Yes				
Speaker	Built-in 23mm round dynamic speaker				
Ear / Mic jack	3.5mm				
Power jack	Rated 3V DC				
Batteries	2x AAA				
Dimensions	109.5mm (L) x 39.5mm (W) x 15mm (T)				
Weight (incl. batteries)	85g				





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