

9. FAQ

General FAQ

Q1. What is DSS?

An acronym for "Digital Speech Standard", a standard for digital voice recording, specified by Olympus, Philips and Grundig. DSS specifies the data compression method and file format, to ensure compatibility between the voice data of recorders from different makers.

Q2. What is xD-Picture Card?

xD-Picture Card is a flash memory card, jointly developed and released in 2002 by Olympus and Fuji Photo Film. With its dimensions at W20mm x L25mm x D1.7mm, and its weight at 2g, it is currently the smallest memory card of this type.

Recorder FAQ

Q3. What format is used for voice recording?

DSS format is used for recording.

Q4. How long is the recording time?

The recording time is approximately as follows:

	16M	32M	64M	128M	256M	512M
SP	2H35M	5H10M	10H25M	20H55M	42H00M	84H05M
LP	5H30M	11H05M	22H20M	44H45M	89H40M	179H30M

Q5. What is the difference between SP mode and LP mode? (What are their sound qualities equivalent to?)

SP mode has better sound quality, but has shorter recording time. Sound quality: SP mode - equivalent to AM radio broadcasts
LP mode - equivalent to phone conversations

Q6. Can I make additional recordings?

Yes.

Q7. Can I make partial deletions, overwriting recordings, and insertion recordings?

Yes.

Q8. How many folders are there? Can I edit their names?

By default, there are 5 folders (modification to 1-7 folders available as dealer option). You can edit their names from the software, or on the recorder.

Q9. Can I switch the time display mode? (24H, 12H)

Yes.

Q10. Can I make conference recordings? (Will the recording be voice recognition ready?)

Recording in SP mode is recommended for conference recording. Depending on the speaker's voice or the acoustics, it may be difficult to record clearly, in which case the use of an external microphone is recommended. Voice recognition is not possible when multiple speakers exist.

Q11. What is Work Type?

Work Type is a classification code for categorizing the dictation files (voice recordings). (The code is sometimes referred to as Job Type. The maximum length is 16 characters.)
By entering a Work Type at recording time, file management becomes easier for system administrators and transcriptionists.

Work Type item examples

	Format specification for a transcriptionist*	Use by a physician	User by a lawyer
Item	16	Diagnosis	Findings from police
	07	Letter	Findings from scene
	11	Data	Perpetrator interview
	10	Course of Treatment	Witness interview

* You can specify the form used by the transcriptionist, by assigning numbers.

Q12. What is a dealer option?

The following features can be configured by an Olympus Professional Dealer.

Q13. Can dealer options be changed after purchase?

Yes.
Please consult Olympus authorized dealer you purchased the recorder from.

Q14. Can audio files recorded with DS-4000 only be transcribed with AS-4000? (Are they compatible with AS-3000 and AS-2000?)

The audio files are compatible with, and can be transcribed with AS-3000 and AS-2000. (However, AS-4000 software includes an additional function to automatically create documents when the dictation files (voice recordings) are double-clicked.)

Q15. Can I use an external microphone?

Yes.
Please use the separately available ME12 uni-directional mono microphone. (It will reduce the environmental noise when recording your own voice.)

Q16. Can I use a foot switch?

You can use the separately available RS25 or RS26 foot switch. Connect the foot switch to the USB cradle for hands-free dictation/transcription. Function assignment of the foot switch pedals can be changed as a dealer option.

Q17. For hands-free recording, does the cradle have to be connected to the AC adapter?

No. As long as the battery power is available, the hands-free recording works without the AC adapter.

Q18. Can I use rechargeable batteries? (Will I be able to recharge them on the cradle?)

The included rechargeable battery pack (BR402 Ni-MH battery) can be used, and can be recharged by setting the recorder on the cradle (using either the AC adapter or USB). The separately available AAA rechargeable battery (BR401 Ni-MH battery) can also be used, but cannot be charged in the recorder (using the cradle).

Q19. How long does it take to recharge?

Approx. 2.5 hours. (When recharging an empty BR402 battery with the AC adapter.)

Q20. Can I recharge the battery without using the AC adapter?

Yes. You can recharge via USB. (You may not be able to recharge via USB hubs.) (Recharging is not possible with USB ports on some PCs.)

Q21. When using non-standard rechargeable batteries, will I be able to recharge them on the cradle?

No. Only the standard rechargeable battery (BR402 Ni-MH battery) can be recharged on the cradle.

Q22. Can I use non-rechargeable batteries?

Yes. You can use a pair of AAA batteries (LR03 or R03).

Q23. How long is the battery life?

The battery life will vary depending on the environment of use, but is approximately as follows:

Model	Ni-MH rechargeable battery (BR402)		Alkaline battery (LR03)	
	Recording	Playback	Recording	Playback
DS-4000	15hours	10hours	20hours	12hours

Q24. Will the data be erased when replacing the battery?

No. The data is stored on nonvolatile flash memory.

Q25. Can I use an AC adapter?

You cannot connect an AC adapter directly to DS-4000. (To recharge on the cradle, connect the separately available A510 AC adapter to the cradle.)

Q26. What is the operating temperature range for DS-4000?

0°C to 40 °C (32 °F to 104 °F).

Q27. Can I use xD-Picture Cards that I have been using for other devices such as digital cameras?

xD-Picture Cards used in Olympus digital cameras can be used as is. For cards used in other devices, you will need to format the card with DS-4000 (after backing up the data, if necessary).

Software FAQ

Q28. What are the minimum system requirements?

The minimum system requirements for Windows and Mac OS are as follows:

	Windows	Macintosh
PC	IBM PC/AT compatible	iMac /iBook/eMac/PowerMac /PowerBook
OS	98/98SE/Me/2000/XP	Mac 9.0 or later
CPU	Intel Pentium II class 333MHz processor or faster	Power Mac G3 233 MHz class processor or faster
RAM	64MB or more	64MB or more
HD space	50MB or more	50MB or more
Drive	2x or faster CD-ROM	2x or faster CD-ROM
Sound card	Creative Labs Sound Blaster 16 or 100% compatible	-
Browser	Microsoft Internet Explorer 4.01 or later	
Display	800 x 600 pixels, 256 colors or more	800 x 600 pixels, 256 colors or more
USB port	One or more free ports	One or more free ports
Audio I/O terminal	Microphone input and earphone output or speaker	Earphone output or speaker

Q29. I am already using an older version of DSS Player. What will happen when I install DSS Player Pro Release 4?

DSS Player Pro 4 can coexist with DSS Player 2002, but will overwrite DSS Player Pro Release 3.

Q30. What are the new features of DSS Player Pro Release 4? How is it different from DSS Player Pro Release 3?

The main changes are the addition of the following functions:

Item	Details
FTP support	By pressing the FTP icon, the dictation file (voice recording) is automatically uploaded to the FTP server. The file is automatically downloaded on the typist's side.
E-mail support	By pressing the E-mail icon, the dictation file is automatically sent to the typist by e-mail.
Document management	When the dictation file sent to the typist via FTP or e-mail returns as a typed document, the document is associated to the source dictation file.
Tone control	The tone of the playback can be adjusted for easier listening.

Q31. Can I record directly to a PC?

Yes. Use the DSS Player Dictation Module.

Q32. Can I convert DSS files into another format?

You can use DSS Player to convert the files to WAV format.

Q33. Can I transfer the data to a PC?

Yes. You can transfer the data by connecting DS-4000 to a PC via USB.

Though it may vary depending on the performance of the PC, the approximate transfer time is as follows:

File Size	Recorder to PC	PC to Recorder
64MB	Approx. 2 min	Approx. 3 min
128MB	Approx. 3.5 min	Approx. 5.5 min
256MB	Approx. 7 min	Approx. 11.5 min
512MB	Approx. 14 min	Approx. 22.5 min

Q34. Is DS-4000 compatible with USB2.0?

DS-4000 is compatible with USB1.1. (DS-4000 may be connected to USB2.0 ports, but the data transfer will occur at Full-speed mode, as Hi-speed mode is not supported.)

Q35. How fast is the transfer rate?

650kbps from recorder to PC, and 400kbps from PC to recorder. (Performance may vary depending on the PC's performance and operation status.)

Q36. What voice recognition software is DS-4000 compatible with?

DS-4000 is compatible with IBM Via Voice for Windows. No compatible software is available for Mac OS.

Q37. Is DS-4000 compatible with Mac OS?

Yes. However, in comparison with Windows, some features will be limited (i.e. lack of e-mail support).

Q38. Can I use DS-4000 as an xD-Picture Card reader/writer?

Yes. DS-4000 is a USB storage class device, and will be mounted as a removable disk drive when connected via USB.

Q39. How can I install the software on multiple PCs?

You will need to purchase multiple ID licenses. For details, please consult your local dealer.