

1.) **What type of removable storage does the DS-4000 take?**

The DS-4000 accepts xD-Picture Card up to 512mb.

2.) **What is the approximate recording time?**

Memory Size	SP Mode	LP Mode
16MB	2 hr. 35 min.	5 hr. 30 min.
32MB	5 hr. 10 min.	11 hr. 05 min.
64MB	10 hr. 25 min.	22 hr. 20 min.
128MB	20 hr. 55 min.	44 hr. 45 min.
256MB	42 hr 00 min	89 hr. 40 min.
512MB	84 hr. 05 min.	179 hr. 30 min.

3.) **What type of batteries can be used with the DS-4000?**

The DS-4000 uses a NiMH rechargeable battery pack (BR-402), two AAA NiMH batteries or two AAA alkaline batteries.

4.) **How many charge cycles can I expect out of the battery pack BR-402?**

Charging and discharging are possible for approximately 500 times depending on usage.

5.) **Can I charge my two AAA NiMH batteries or alkaline batteries in the cradle?**

No, only the provided BR-402 battery can be charged in the cradle.

6.) **What model A/C adapter can be used with the DS-4000?**

The A/C adapter A510 is packaged with the DS-4000. The A510 plugs into the CR3 USB Cradle.

7.) **Can I charge the DS-4000 in the cradle?**

Yes, by connecting the AC adapter (A510) to the cradle the DS-4000 can be charged in its cradle.

8.) **Does the USB cable provide power to charge the batteries when the DS-4000 is in the cradle?**

Yes, the computer must be on to charge the battery; however, some computers may not be successful depending on the power supply capacity of the PC. If this is an issue, uses the AC adapter.

9.) **Is it necessary to charge the battery when first bought?**

Yes, charge the battery often for the first few uses. The battery performs better after several full charge/discharge cycles.

10.) **What voltage does the DS-4000 require?**

The DS-4000 requires 3volts.

11.) **Are there Dealer Option Items that can be installed on the DS-4000?**

Yes, your Olympus Professional Dealer can set some additional options. These additional and customizable options are as follows:

- Setting for "beep" sound.
- Setting for NEW button operation.
- Setting for REC button operation.
- Setting for Splash screen.
- Adding/removing of user defined fields.
- Switching the display languages.
- Changing the number of folders.
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- Assigning functionality to A, B buttons.
- Assigning functionality to the foot switch.

- Setting time for Power save mode.

13.) **What is the difference between “insert” recording and “overwrite” recording?**

Overwrite will overwrite a previously recorded file from any point within the file. Insert recording will insert voice recordings into previously recorded file.

14.) **Does the DS-4000 have hands free capability?**

The recorder can be used as a hands-free recording device. To setup the recorder for hands-free operation, connect the optional Olympus foot switch 9RS25/26) to the back of the cradle and place the recorder in the cradle.

Switch	Press	Press and Hold	Release
Left SW	-	REV	Play
Center SW	-	REC	Stop
Right SW	New	-	-

15.) **What is VCVA?**

VCVA (Variable Control Voice Actuator). When the microphone senses that sounds have reached a preset threshold volume level, the built-in VCVA starts recording automatically, and stops when the volume drops below the threshold level.

18.) **Does the DS-4000 have a noise cancellation feature?**

Yes, if recorded audio is difficult to understand because of noise, simply adjust the noise cancel setting level. Noise will be reduced in the file when it is played back for better sound quality.

19.) **How do I set the Noise Cancel function?**

1. Press and hold the **MENU** button for 1 second or longer while the file is flashing. Displays currently set Noise Cancel level.
2. Press the **MENU** button again to choose a noise cancel level. The levels switch in the following rotation, “OFF”, “LOW,” “HIGH”.

If the display is already set to Noise Cancel, start from step 2. Change the Noise Cancel level with 2 seconds; otherwise the level is set at the displayed level and the display returns to its original view.

20.) **How do I erase all files from folder?**

1. Select any file in the folder, then press and hold the ERASE button for 3 seconds or longer. “ALL ERASE?” flashes on the display for approximately 8 seconds.
2. Press the REASE button once more while “ALL ERASE?” is flashing. The display changes to “ALL ERASE?”

21.) **Can I place index marks within a file?**

Index marks can be placed in a file during recording or playback to provide a quick and easy way of keeping track of important sections in the file.

**22.) How do you format the card in the DS-4000?**

1. Press the MENU button.
2. Press the "FF" or "REW" button until "FORMAT" in the SUB MENU flashes on the display.
3. Press the MENU button to select "FORMAT".
4. Press the "FF" or "REW" button to highlight the "START" option.

Press the MENU button to confirm "START" selection.

**23.) Nothing appears on the LCD Screen what can be wrong?**

- Check to see if the batteries are loaded correctly.
- The batteries are dead.
- The recorder is in power off mode.

**24.) Why won't the voice recorder start?**

- The recorder is in power off mode.
- The batteries may be dead.

**25.) Why is my DS-4000 unable to record?**

- The card does not have enough memory.
- The card is unformatted
- The maximum number of files has been reached.

**26.) What if there is no playback tone that can be heard?**

- The earphone is connected.
- The volume is set to 0.

**27.) I am unable to erase, what can be wrong?**

The file is locked.

**28.) Why is there noise heard during playback?**

- The recorder was shaken during recording
- The recorder was placed near a cell phone or fluorescent lamp while recording on during playback.

**29.) Recording level to low.**

The microphone sensitivity (impedance) is to low, suggested impedance is 2k W.

**30.) Unable to set index marks.**

- The maximum number of index marks (16) has been reached.
- The file is locked.

**31.) I cannot find the recorded voice.**

Check another folder.

**32.) I cannot connect the DS-4000 to a PC.**

Some PC's and USB hubs may not provide sufficient power.

**33.) I cannot connect the DS-4000 to a PC while it is in the cradle.**

Sometimes a connection cannot be made with some PC's running Windows XP.