

Charging the battery

The battery pack arrives connected but discharged.

1. Connect the battery charger to the Nova5000.
2. Charge the battery for up to 4 hours.
The unit's status lights will emit a solid green light  when fully charged.
3. When fully charged, disconnect the charger to run the Nova5000 directly from the battery supply.



Connecting the Charger

Operating the Nova5000

1. When first connected to the battery and/or AC charger, the Nova5000 boots up automatically.
2. After approximately 90 seconds, the Windows CE 5.0 desktop is launched.
3. Use the stylus or plug in a USB mouse to navigate around the Windows CE operating system.

Instant On/Off

Hit the **Suspend** button to place the Nova5000 in **Suspend mode**. Hit Suspend again to resume the unit

Calibrating the touch screen

1. Open the **Start** menu and go to **Settings > Control Panel > Stylus**.
2. Tap the **Calibration** tab and then tap the **Recalibrate** button.
3. Follow the on screen instructions to calibrate the touch screen using the stylus.



Calibrate the touch screen when using the stylus for the first time

Connecting to the Internet *

Via Ethernet

1. Connect an Ethernet cable to the Nova5000.
2. If connecting via a DHCP server, an Internet connection is automatically established.
3. If connecting via a Static IP server, go to **Start > Settings > Network and Dial-up Connections**.
4. Open the Ethernet adapter  properties and enter your static IP address.
5. Open the Ethernet adapter system tray icon  and click Renew to establish the Internet connection.

Via WiFi using Windows Wireless Manager

1. Ensure the WiFi utility icon  is enabled in the system tray. If not, tap the icon .

2. The **Wireless Networks** dialog box opens automatically. Select a network and tap **Connect**.
3. If a network key is required to connect, double tap the network name and enter the key in the Properties dialog box.
4. To view the available networks again, open the WiFi network icon  in the system tray.

Via WiFi using Odyssey Access Client (OAC) **

1. Go to **Start > Programs > OAC** to launch OAC. The main OAC window will open.
2. Select **Settings > Configure** to add a new network. Click **Add**.
3. In the **Add Network Wizard** dialog, click **Scan**. Select the relevant network,

- click **OK** and then click **Next**.
4. Select the relevant network Association and Encryption settings (consult your IT department). Click **Next**.
5. Enter the network key, if necessary. Click **Finish** to complete the Add Network Wizard.
6. Click **OK** in the final window of the Wizard to return to the main OAC window.
7. Check the **Connect to** box and select the network in the drop-down menu. The Nova5000 will connect to the network and display the open status. The OAC icon in the system tray will turn black: .

* For WiFi connection, Nova5000 BX or SX users must connect the WiFi USB adapter. These models do not feature built-in WiFi.

** OAC is only available on Nova's sold in the USA.

Connecting to another computer

Using ActiveSync software

1. Install **ActiveSync 4.1** or higher on your PC.
2. Connect the USB sync cable to the PC and Nova5000.
3. ActiveSync is launched and establishes a connection to the Nova5000.
4. In the ActiveSync main window on the PC, click **Explore** to browse the Nova5000 and copy files and programs to/from your PC.

Using Remote Desktop Connection

1. Allow Remote Desktop permissions on your PC.
2. Launch the **Remote Desktop Connection** application from the Nova5000.
3. Enter PC name or IP address. Enter login details in login window.
4. Click **OK** to establish the remote connection.



Control your PC's desktop direct from the Nova5000

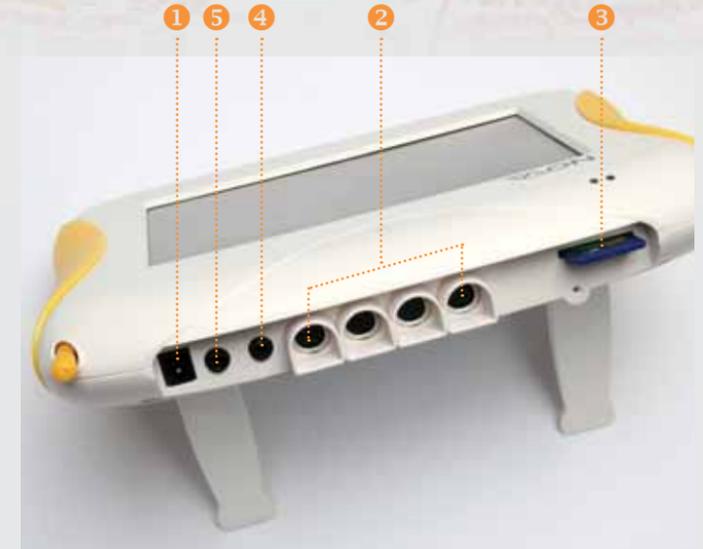
Nova5000 layout

Front View



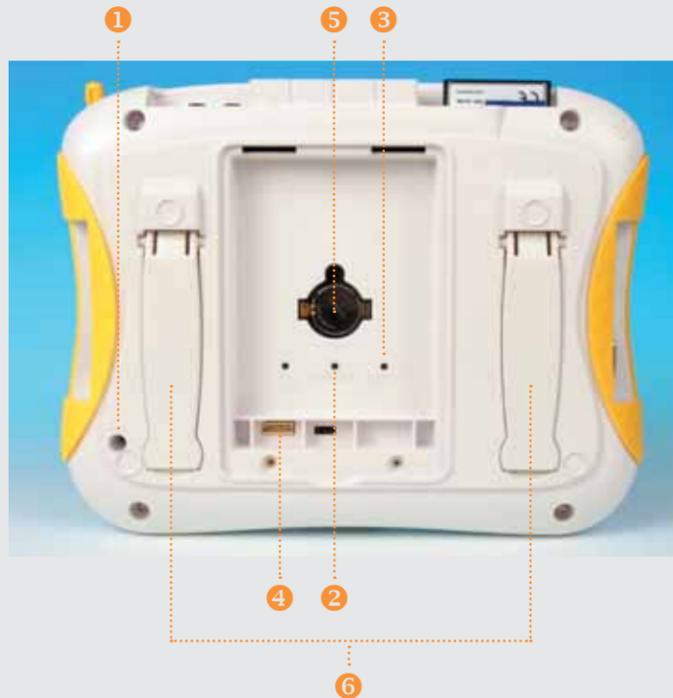
- 1 Suspend button**
Press for one second to enter Suspend mode, or press for at least four seconds to shutdown the Nova5000
- 2 LCD touch screen**
Input information through the touch screen using the stylus
- 3 Stylus**
Use the stylus to input information on the screen and for handwriting recognition. To avoid losing the stylus, store it in the holder
- 4 Mono speaker**
Use to listen to audio
- 5 Status lights**
Indicates power status

Top View



- 1 AC Adapter/Charger socket**
Connect the AC adapter to power the unit and charge the battery pack
- 2 Proberware ports**
Connect the Fourier sensor probes for use with the MultiLab software
- 3 SD card slot**
Insert an SD card for external memory
- 4 Headset/Speaker input**
Use to listen to audio
- 5 Microphone**
Use to input audio

Rear View



- 1 External reset button**
Easily accessible button for restarting the Windows CE operating system
- 2 Internal reset button**
Restarts the Windows CE operating system
- 3 OS Update button**
Commences update or backup of OS image
- 4 Battery connector**
Connects the Ni MH battery pack to the Nova5000
- 5 Lithium battery**
Internal battery that powers the Real-time Clock
- 6 Left/Right stands**
Open to prop up the Nova5000 on a flat surface

Left and Right Views



- 1 USB Slave port**
With the USB sync cable, use to connect to other computers and transfer files
- 2 USB Host port**
Connect USB devices such as keyboard, mouse, printer
- 3 CRT port**
Use to connect the Nova5000 to an external monitor or projector
- 4 Ethernet port**
Use to establish a network connection

- Available in the Nova5000EX model only
- Available in Nova5000SX and Nova5000EX models only

Useful Information

Nova5000 models

- SX** High end data logger
- EX** Full 1:1 curriculum machine

What's included

- Nova5000 unit with battery pack
- AC adapter charger with power cord
- USB sync cable
- Warranty page
- Additional items per order

If any packaged item is missing or damaged, contact your place of purchase immediately

See separate Nova5000 Warranty page for warranty details

Processor	Marvell PXA320, 624 MHz
Memory	128 MB RAM 1 GB NAND Flash ROM
Operating System	Microsoft Windows CE 5.0
Display	
Type	7 inch VGA TFT color, touch sensitive
Resolution	800 x 480 at 65,000 colors
Dimensions	
Length	9.33 inches (237 mm)
Width	1.7 inches (43.2 mm)
Height	7.32 inches (186 mm)

Weight	
Nova5000 with battery	2.4 pounds (1,090 g)
Power Supply	
Main battery type	4400-mAh NiMH rechargeable battery
Backup battery type	Lithium 3.0 V CR2032
AC adapter	100 to 240 V AC, 12.0 V output
Environmental	
Operating temp. range	50 °F (10 °C) to 122 °F (50 °C)
Relative humidity	10 to 90 %

Safety Tips



- Only use batteries or AC adapter provided by Fourier Systems
- Do not expose battery to temperatures above 122 °F (50 °C)
- Keep battery away from children
- Do not drop Nova5000 or expose to severe shocks
- Do not immerse Nova5000 in water and protect from spray

Please read all safety and handling instructions in the Nova5000 User Guide before use

Technical Support

Please contact Fourier Systems with any problems or questions:

- Tel:** 1-866-771-NOVA
- e-mail:** support@fourier-sys.com
- Web:** www.nova1to1.com/contact_us.php