

Quick Start Guide

Useful information

Nova5000 models	What's included	
BX Entry level machine SX High end data logger EX Full 1:1 curriculum machine	<ul style="list-style-type: none"> Nova5000 unit with battery pack AC adapter charger with power cord USB sync cable Assorted user guides 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	Intel XScale PXA255 at 400 MHz	Weight	
Memory	64 MB RAM 128 MB NAND Flash ROM	Nova5000 with battery	2.4 pounds (1100 g)
Operating System	Microsoft Windows CE 5.0	Power Supply	
Display		Main battery type	4400-mAh NiMH rechargeable battery
Type	7 inch VGA TFT color, touch sensitive	Backup battery type	Lithium 3.0 V CR2032
Resolution	800 x 480 at 65,000 colors	AC adapter	100-240 VAC, 12.0 V output
Dimensions		Environmental	
Length	9.33 inches (237 mm)	Operating temp. range	50 °F (10 °C) to 122 °F (50 °C)
Width	1.7 inches (43.2 mm)	Relative humidity	10% to 90%
Height	7.32 inches (186 mm)		

Safety Tips



- Only use batteries or AC adapter provided by Fourier Systems
- Do not charge the Nova5000 in its carrying case
- 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.fourier-sys.com/support_support.html

Charging the battery

The battery pack arrives connected but discharged

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



Connecting the Charger

Operating the Nova5000

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

Instant Off

Hit the **Suspend** button to place the Nova5000 in Suspend mode

Instant On

Hit the **Suspend** button again to wake up, or resume the Nova5000

Calibrating the touch screen



- Open the **Start** menu and go to **Settings > Control Panel > Stylus**
- Tap the **Calibration** tab and then tap the **Recalibrate** button
- 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

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

Via WiFi

- Connect the Fourier-supplied USB WiFi dongle
- A window showing available wireless networks opens. Select a network and click **Connect**
- If a network key is required to connect, double click the network name and enter the key in the Properties dialog box
- To view the available networks again, open the WiFi icon  in the system tray



Launch **Internet Explorer** to surf the Web

Check your e-mail using the **Inbox** e-mail client

Connecting to another computer

Using ActiveSync software

- Install **ActiveSync 4.1** or higher on your PC
- Connect the USB sync cable to the PC and Nova5000
- ActiveSync is launched and establishes a connection to the Nova5000
- 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

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



Nova5000 layout

Front View



- 1 Suspend button**
Press to enter Suspend mode, and press again to resume using 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 Probeware ports**
Connect the Fourier sensor probes for use with the MultiLab software
- 3 CompactFlash card slot**
Insert the CF 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 System reset button**
Initializes system registry and restores Nova5000 to factory default
- 4 OS Update button**
Commences update or backup of OS image
- 5 Battery connector**
Connects the Ni MH battery pack to the Nova5000
- 6 Lithium battery**
Internal battery that powers the Real-time Clock
- 7 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 ports**
Connect USB devices such as keyboard, mouse, printer
- 3 CRT port**
Use to connect the Nova5000 to an external monitor or projector
- 4 PS/2 port**
Use to connect a PS/2 keyboard
- 5 Ethernet port**
Use to establish a network connection

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