



## Useful information

Nova5000 models	What's included	
<b>BX</b> Entry level machine <b>SX</b> High end data logger <b>EX</b> Full 1:1 curriculum machine	<ul style="list-style-type: none"> <li>Nova5000 unit with battery pack</li> <li>AC adapter charger with power cord</li> <li>USB sync cable</li> <li>Assorted user guides</li> <li>Warranty page</li> <li>Additional items per order</li> </ul>	If any packaged item is missing or damaged, contact your place of purchase immediately  See separate Nova5000 Warranty page for warranty details

<b>Processor</b> Intel XScale PXA255 at 400 MHz <b>Memory</b> 64 MB RAM 128 MB NAND Flash ROM <b>Operating System</b> Microsoft Windows CE 5.0 <b>Display</b> Type 7 inch VGA TFT color, touch sensitive Resolution 800 x 480 at 65,000 colors <b>Dimensions</b> Length 9.33 inches (237 mm) Width 1.7 inches (43.2 mm) Height 7.32 inches (186 mm)	<b>Weight</b> Nova5000 with battery 2.4 pounds (1100 g) <b>Power Supply</b> Main battery type 4400-mAh NIMH rechargeable battery Backup battery type Lithium 3.0 V CR2032 AC adapter 100-240 VAC, 12.0 V output <b>Environmental</b> Operating temp. range 50 °F (10 °C) to 122 °F (50 °C) Relative humidity 10% to 90%
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## 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



Connecting the  
Charger

### 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

**Instant On/Off**  
Hit the **Suspend** button to place the Nova5000 in Suspend mode. Hit **Suspend** again to resume the unit.

**Shutdown**  
Hold the **Suspend** button down for four seconds to completely shutdown the Nova5000. Hit **Suspend** again to boot up the unit.

### 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



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

### 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

### 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

- Ensure the WiFi utility icon  is enabled in the system tray. If not, tap the icon  and select **Enable**
- The **Wireless Networks** dialog box opens automatically. Select a network and tap **Connect**
- If a network key is required to connect, double tap the network name and enter the key in the Properties dialog box
- To view the available networks again, open the WiFi network icon  in the system tray



Launch **Internet Explorer** to surf the Web

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



Control your PC's desktop direct from the Nova5000

### 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