

HOW TO CONFIGURE NOX A1 RECORDER

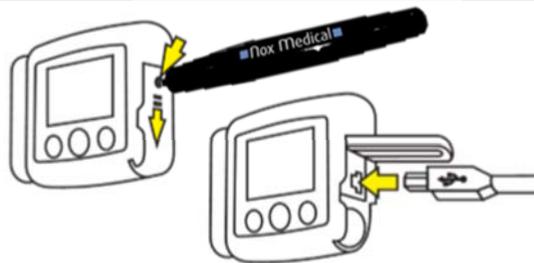
Ambulatory Manual Start Recording

1. Connect Nox A1 Recorder to your PC

To open the battery lid, press with the Nox battery Lid Key on the battery lid pin and slide the battery lid down, towards the bottom of the device.

The Nox A1 Recorder connects to the computer by using Nox mini USB cable. The battery does not have to be inserted while the device is connected to the computer. Connect the mini USB to the Nox A1 Recorder and the standard USB end into your PC.

When the Nox A1 Recorder is connected to the computer the device display lights up and a message saying the device is “Connected to PC”.



2. Open Noxturnal

Open Noxturnal on your PC and go to the “Recording” Tab.

You will see that the Nox A1 Recorder is displayed as a “Connected USB device” (**NOTE:** If it doesn't connect the first time, try disconnecting the device from the mini USB and re-connect OR try a different USB port on your PC).

Check the device “Status” (is it what you expect? e.g. empty, ready to record, ready to download, download complete), device firmware version and serial number.



3. Configure Device

Select Configure Device

Connected USB device

Status: Empty
Firmware: 1.1.6.5315
Nox A1 (972901716)
Eject



Configure Device

Download Recording

4. Recording Type and Other Devices

Choose the applicable “Recording Type” from the drop-down list e.g. Diagnostic, CPAP etc.

If you are using a Recording Type that requires “Other Devices” to connect to the Nox A1 Recorder via Bluetooth, enter the BDA number located on the back of the device you wish to connect e.g. The BDA number on the Nonin 3150 Oximeter is located on the back of the unit. **(NOTE: This number is unique to each device, please ensure you enter this in correctly)**

Click **Next >** to continue.

Nox A1 Configuration

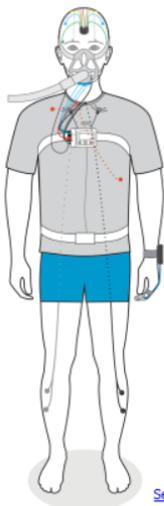
Recording Type

1

2

3

Recording Type Schedule Recording Patient Information



[See channels:](#)

Recording Type:

Standard PSG

Other Devices:



Nonin 3150 Oximeter

BDA: 00:00:00:00:00:00



Next >

Finish

Cancel

5. Schedule the recording time

For a Manual Start Recording,

- 1) Select “Manually Start Recording”
- 2) Select Duration (default is 10 hours)

Click **Next >** to continue.

(**NOTE:** A Manual start requires the patient to start the recording manually. This is not usually recommended. See How To Configure A1 Recorder Ambulatory Auto Start guide for an Automatic Start configuration).

Nox A1 Configuration ×

Schedule the recording time

123

Recording Type Schedule Recording Patient Information

1 Manually Start Recording

Start Recording At:

To schedule a recording click 'Start Recording At'

Duration:

7 Hours, 8 Hours, 2 10 Hours, Hours, Unspecified

< Previous3 Next >FinishCancel

6. Patient Information

Add information on the patient's identity and physical characteristics. Add at least patient's **First and Last names** or patient **ID** before finishing.

The **Tags** field can be used to link keywords to the patient in order to easily find them later in the recordings library e.g. Recording Type, Reporting Physician, Analysis Technician etc.

Use the **Edit...** button to enter more detailed information or custom fields about your patient.

Click on **Finish**.

1 2 3
Recording Type Schedule Recording Patient Information

Name
First: John Last: Smith ID:

Gender
 Male
 Female

Date of Birth
 1/01/1960
 N/A

Body Metrics
Height: 180 cm Weight: 85 kg BMI: 26.2

Tags
Diagnostic

Notes

Edit... change device pin...

< Previous Finish Cancel

7. End Configuration

If configuration is successful, a green progress bar will appear, and once configuration is complete a “green thumbs up” symbol will be displayed.

Click **Finish** to safely eject the Nox A1 Recorder. It is now safe to disconnect the Nox A1 Recorder from your PC.

Configuring Device for a New Recording

Configuring Device...

Device Configured

Eject Device

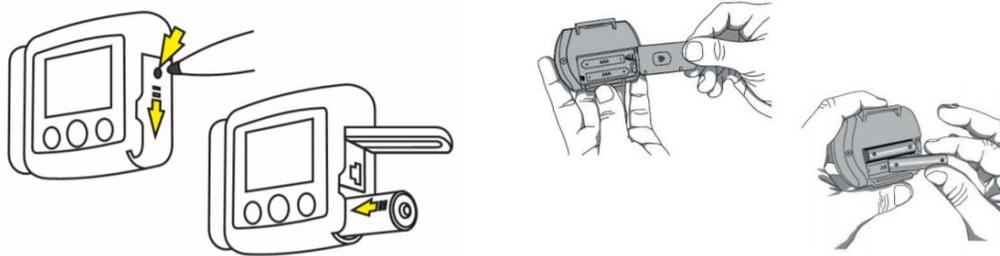
Finish

8. Insert batteries

Insert 1 x AA new battery (Lithium) or fully recharged NiMh battery into the **Nox A1 Recorder**. Snap close the battery lid door.

Insert 2 x AA new batteries (Lithium or Alkaline) or fully recharged NiMh batteries in to the **Nonin WristOx**.

(**Note:** Insert batteries once your patient arrives).



9. Turn on the Nox A1 Recorder

(**Note:** Only turn on Recorder once patient arrives).

After having inserted a new or fully charged battery in to the **Nox A1 Recorder**, press the central button on the Nox A1 Recorder to turn ON. Check for the Recorder clock time (real time), battery % and “Hold middle button down to start recording” is displayed.

(**Note:** if the Nox A1 Recorder time is incorrect, battery % is less than **85%** or the device display is incorrect, you will need to follow steps 1 – 9 again).

After having inserted new or fully charged batteries in to the **Nonin WristOx**, insert your finger into the probe to turn ON. Check that the battery indicator has **3** full bars (if not, replace batteries) and that the **Bluetooth** symbol is present (if not, call your Temple Healthcare Representative).

You will need to give instructions to your patient on how to successfully start the recording manually.



10. Manually Starting/Stopping the Nox A1 Recorder

You can use the **Middle** button to manually start a recording. Pressing the middle button turns on the display. The device will instruct you to “Hold middle button down to start recording”.

Hold the **Middle** button down until you see “Recording Duration” displayed and the duration is counting UP. (**NOTE:** The **Middle** button needs to be pressed down for approximately 5-10 to successfully start the recording manually).

At this point the device has started to record data. After the display turns off in to a “sleep mode”, the light on the top right side of the display will blink green intermittently indicating that the recording is taking place.

The recording will stop *automatically* according to the selected recording duration. If you wish to stop recording manually, use the same method as the manual start.

(**NOTE:** Do NOT start the recording too early. A Lithium battery will last approximately 12 hours and a Rechargeable NiMH will last approximately 10 hours).



TROUBLESHOOTING

1. The Nox A1 Recorder won't connect to my PC

- a) Disconnect the Nox A1 Recorder and try to re-connect
- b) Close Noxturnal >>> Open Noxturnal >>> Re-connect Nox A1 Recorder to PC via the mini USB cable
- c) Try a different USB port on your PC
- d) Try a different mini USB cable

2. Device won't configure/Error at step 7

- a) Restart PC and configure again
- b) RESET the A1 Nox Recorder and configure again (NOTE: See How To RESET the Nox A1 Recorder guide)

3. The Nox A1 Recorder is displaying the incorrect clock time

- a) The Nox A1 Recorder takes the clock time from your PC. Check your PC time and change it here. Once your PC time is correct, connect the Nox A1 Recorder to your PC and re-configure (Steps 1-7).

4. The Nox A1 Recorder is displaying a battery % less than 85%

- a) Wait for the Nox A1 Recorder display screen to turn off. Open battery lid as per step 1 and insert a new battery (Lithium) or fully charged NiMH battery. Turn display screen on as per step 9 and check that the battery % is more than 85%.
- b) Check that you have inserted the correct battery type according to your "Recording Type" settings e.g. Lithium or Rechargeable NiMH

5. The Nox A1 Recorder is not displaying "Hold middle button to start recording"

- a) The device has not been configured for a manual start. Follow steps 1-9 again, paying extra attention to step 5.

6. The Bluetooth symbol is not displaying on the Nonin WristOx

- a) Contact your Temple Healthcare Representative 1300 162 694

7. I can't find my Nox Battery Lid Key

- a) If urgent, carefully open the battery lid door with a ballpoint pen. Purchase a new lid key ASAP.

8. The Nox A1 Recorder won't turn ON

- a) Check that the battery has been inserted in the correct way

9. The Nonin WristOx won't turn ON

- a) Check that the battery has been inserted in the correct way
- b) Check that the finger probe is connected securely in to the Nonin WristOx
- c) If you suspect a faulty finger probe, swap it with a spare probe if available. Insert your finger into the new probe and check that the device turns ON.
- d) If you have a faulty probe complete the *Customer Returns Form* and send the faulty probe back to Temple Healthcare for a Warranty Check.