DR400 Quick Start Guide
(for firmware version 5.04)
Download and install the PCPatch utility version 1.04
at www.nemon.com before getting started.

DR400

STEP	DESCRIPTION	STEPS/HINTS
1	**Fully charge the DR400**	• Use a power source (not the PC) to charge the DR400 • DR400 will flash orange while charging, and flash green every 4 seconds when fully charged; remove from power source
2	**Install and run PCPatch utility**	• If you have not already done so, download PCPatch utility at www.nemon.com and install on PC with analysis or remote software
3	**Erase DR400 and enter Patient ID using PCPatch**	• If you have not already done so, copy and save previous patient's data from DR400 before erasing • Update Settings at this time • Remove DR400 from PC
4	**Prepare patient**	• Determine the best location to attach the patch and optional lead wire onto the patient, but do not attach at this time. • Prepare the patient's skin. If the patient has hair in any of the patch site, shave it with a safety razor. Use an alcohol pad and rub the sites briskly until the skin reddens. Let the skin air dry before proceeding.
5	**Prepare DR400 and attach to patient**	• Attach 1-lead electrode patch (1CH) or 1-lead electrode patch w/ lead wire (3CH) to the DR400 recorder • Remove backing from leads and attach firmly to patient
6	**Start Recording by holding DR400 "EVENT" button down until green light goes out**	• If you have the Bluetooth USB adapter, you can view the hook-up and ECG quality via the PCPatch utility at start up • DR400 will flash green for 30 seconds when recording starts • At any time, press EVENT button for > 3 seconds to transmit Bluetooth signal to view ECG via PCPatch utility
7	**For Holter analysis: Remove DR400 from patient and upload data via PCPatch**	• Remove from patient and plug DR400 into the PC USB cable. The DR400 will stop recording after 2 minutes. • Start PCPatch utility to save DR400 Holter data to HE/LX Analysis (or LX Remote patient directory) • Open analysis software to view and analyze patient data

The PCPatch Utility

PCPatch

Download PCPatch at www.nemon.com and install on PC where analysis software is installed.
Note: You do not need a Bluetooth USB Adapter to use the DR400. The adapter is only required to view ECG using the PCPatch utility. Contact your distributor to find out more about this feature.
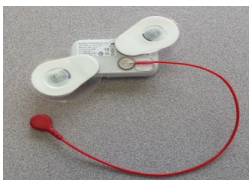
Snap Guide

If using the 1-lead electrode patch with the optional ECG lead wire:
• Attach the ECG lead wire first
• ECG lead wire attaches to snap closest to USB port
    The lead plastic should cover the USB port
To attach the 1-lead electrode patch for 3CH recording:
• Patch goes on diagonally
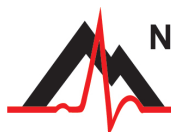• Press down firmly so that all snaps are locked in place

Hook-up Guide

1-lead patch (1CH) w/optional lead wire (3CH)

3-lead patch (3CH)

To purchase more patch electrodes contact your distributor or go to www.nemon.com

DR400 Functions and Modes

(for firmware version 5.04)

DR400

DR400 FUNCTIONS:

FUNCTION	DO THIS	LIGHT		MORE INFORMATION
TO START RECORDING	When in STANDBY mode, hold the EVENT button down until green light goes out (about 3 seconds)	DR400 will flash for 30 seconds	🟢→⚪	The DR400 flashes for about 30 seconds to tell you that recording has started.
		DR400 shows solid orange light.	🟠	Recording did not start as there is either old data OR no Patient ID on the DR400. Use the PCPatch utility to save and/or delete the data and enter new Patient ID.
		DR400 does not respond	⚪	Recording did not start. Most likely, the DR400 battery is not charged. Charge using USB power source.
				If charged or plugged into USB and no light is visible, contact Technical Support for further assistance.
TO RECORD EVENT	While recording, press EVENT button < 3 secs.	DR400 will flash green slowly for about 90 seconds	🟢	An event is being saved.
TO VIEW ECG	With PCPatch running, hold EVENT button until DR400 flashes green	DR400 will flash green rapidly when transmitting Bluetooth data	✳→⚪	Takes a few seconds to open window. The DR400 must be paired with the NorthEast Bluetooth USB and the PCPatch utility must be running on PC where the Bluetooth USB is attached.
TO STOP RECORDING	Attach DR400 to USB cable for at least 2 minutes	DR400 connected to PC	🟢	DR400 will stop recording
TO SAVE ECG & UPDATE SETTINGS	Attach DR400 to PC where PCPatch utility is running	DR400 connected to PC	🟢	Use the PCPatch utility to Preview the file, Copy the flash.dat file to PC, Erase the file, update Settings, and pair the DR400 with Bluetooth USB and/or Gateway(Event)

DR400 MODES:

DR400 USB CONNECTION	MODE	LIGHT		WHICH MEANS	MORE INFORMATION
POWER SOURCE	**CHARGING**	Orange – flashing	🟠	DR400 charging	Once removed from power source, the DR400 will return to STANDBY mode
POWER SOURCE	**FULLY CHARGED**	Green – flash every 4 secs.	🟢	DR400 fully charged	Once removed from power source, the DR400 will return to STANDBY mode
PC	**INSTALLED ON PC**	Green – solid	🟢	DR400 visible to PC	Once removed from PC, the DR400 will flash quickly for 5 seconds before returning to STANDBY mode
PC	**COPYING DATA**	Green - fast flashing	✳	DR400 transferring data to PC	Flash.dat file being copied to Patient directory
PC	**ERASING DATA**	Alternating flashing	✳🔶	Data on DR400 being erased	Erasing the DR400 can only be done using the PCPatch utility
NONE	**RECORDING**	No light	⚪	DR400 storing data	If you are not sure if the DR400 is recording, press the EVENT button down for about 1 second:
NONE	**STANDBY**	No light	⚪	DR400 not in use and not plugged in	• If the DR400 flashes green for about 30 seconds, it is recording • See FUNCTION-> TO START RECORDING above for more information about recorder status

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