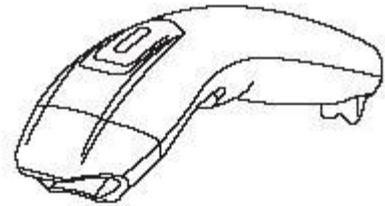


# Using the Nexa NC-1250 with Library Automation Systems

Prior to use it is advised that the content of the supplied package be inspected so that the purpose and use of each item is understood.

## Supplied Items illustrated below.

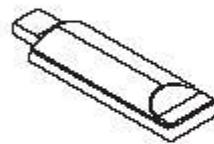
The NC-1250 Wireless Scanner already has a rechargeable Li-Ion battery fitted within the handle of the scanner. The enclosed USB charging cable is used to recharge the battery when required.



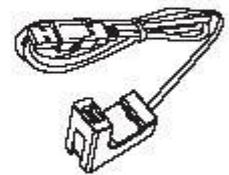
Wireless Scanner

The NC-1250 USB receiver must be connected to a spare USB port on the host computer and provides the path of wireless communication with the NC-1250 wireless scanner and the host computer.

While it is possible to operate the wireless scanner with the USB receiver directly connected to the host computer's USB port, a USB docking station with extension cable is provided so that the USB receiver can instead be fitted to the docking station. The USB receiver can then be elevated to a prone and visible position to enhance the wireless range.

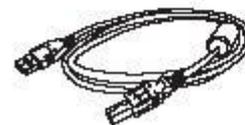


USB Receiver



USB docking station

A safety strap or lanyard is supplied and should be attached to the NC-1250 wireless scanner. As a precautionary measure, during use the strap can be wrapped around the user's wrist to prevent the possibility of damage to the scanner from accidental drops.



USB recharge cable



Strap

## Connect the USB receiver to the computer.

Prior to undertaking any other action the USB Receiver should be connected to the host computer. If the host computer is a laptop then connecting the USB receiver directly to a spare USB port is recommended. If however the host computer is a desktop or larger computer then it is recommended that the USB receiver is first connected to the USB docking station and then the docking station is connected to a working USB port on the host computer.

The USB receiver is known as a HID device meaning that data sent from the receiver to the computer is treated the same way as keyboard entry. What this also means is that when the USB receiver is first connected to the computer's USB port the computer operating system recognises this and automatically accommodates for it. This is often referred to as "Plug & Play" and means that **NO** additional software or device driver software is necessary, the widespread growth and adoption of many USB devices is directly attributable to this simple and user-friendly method of connecting computer peripherals.

Once you have connected the USB receiver it should be recognized by the host computer and within less than 10 seconds the receiver will double flash red to report that the initialization is complete and the wireless scanner is ready for use with the USB receiver.

## Wake up the NC-1250 wireless scanner.

When the NC-1250 wireless scanner is first used it will require waking up, to do this simply press and release the trigger on the scanner to activate it. A blue light on the head of the scanner will illuminate when the scanner is ready for use.

After periods of non-use (default of 10 minutes) the wireless scanner will enter a sleep mode to preserve battery life. Waking up is the same as first initialization, simply press and release the trigger on the scanner.

The NEXA Quick Start Guide that accompanies the NC-1250 does provide important detailed information and instructions necessary for the NC-1250 to be programmed and customised for personal preference.

**Dataman Barcode Systems highly recommend that the NC-1250 is operated on its default settings.**

## Testing the NEXA NC-1250 wireless scanner.

The scanner can now be tested. The NC-1250 is a linear image scanner and emits a red blush beam when the trigger is squeezed. The beam should be positioned equally about and upon the bar code to be scanned.

The NC-1250 should be held a short distance away from the bar code to be scanned (1 – 5 mm) and not immediately upon it. The required distance will vary between bar code types and depends upon the original density at which the bar code was produced, generally bar codes produced at higher print densities will require the NC-1250 to be held closer to the bar code. The scanner **SHOULD NOT** be held perpendicularly above the bar code but should be held at a slight angle to the perpendicular for best scanning results.

Depressing the trigger will cause the unit to emit the illumination beam, the scanner will give an audible beep once the bar code has been read successfully and the beam will switch off.

## Charging and recharging the battery.

When the NC-1250 is first received the fitted on-board battery is only partially charged and will require topping up, use a spare USB port on the host computer and the supplied USB charging cable for this.

**Note:** It is possible to continue using your scanner while the battery is being charged and the charging cable is attached, the USB receiver will still require to be connected.

While the scanner is being charged a green light will be illuminated on the head of the scanner, when the scanner is fully charged the green light will go off. A fully drained battery will take approximately 4 hours to charge

A red light will come on when the battery level is low, recharge the scanner immediately when this occurs.

An option exists that allows the user to switch OFF the "Sleep Mode" Dataman Barcode Systems does **NOT** recommend operating in this mode because it can lead to excessive discharge of the battery when the unit is unattended.

## About the NC-1250 wireless scanner.

The NC-1250 operates on "real time", the NC-1250 **DOES NOT** incorporate any storage memory and relies on being in constant communication with the USB receiver.

When a bar code is scanned the decoded data is transmitted directly to the USB receiver and consequently to the host computer without delay. If the scanner is not connected to the receiver or is out of range the data will be lost. (The NC-1250 will emit 4 beeps to indicate that the data transfer was not successful).

The absolute wireless range of the NC-1250 can vary and is dependent upon the surrounding conditions under which it is operating. Wireless communication ranges as great as 100 meters can be achieved, the NC-1250 has also been successfully tested while operating behind partitions and similar obstacles.

Due to the fact that the NEXA NC-1250 does not incorporate internal memory capabilities it should not be compared or considered to be useable in the same manner as more expensive remote stocktaking bar code scanners. Stocktaking operations may however be conducted with the NC-1250 in real time by ensuring operation is always undertaken within wireless range.

For more detailed information consult the NEXA Quick Start Guide that accompanies the NC-1250.

**Dataman Barcode Systems highly recommend that the NC-1250 is operated on its default settings.**

**These instructions and any accompanying bar code command charts have been created by Dataman Barcode Systems and are copyright. It is recommended that copies are made and at least one copy laminated.**

## ***Dataman Barcode Systems***

***P.O. Box 855, Happy Valley  
S.A. 5159, Australia***

Tel:- 041 284 0637  
Fax:- 088 322 7288

International Tel:- +(618) 8322 7675  
International Fax:- +(618) 8322 7288

Web:- [www.datamanbarcode.com.au](http://www.datamanbarcode.com.au)

E-mail:- [sales@datamanbarcode.com.au](mailto:sales@datamanbarcode.com.au)

# NEXA NC-1250 BARCODE READER OPERATION MENU

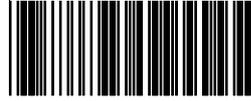
Reproduced by DaTaMaN Barcode Systems

## BAR CODE TERMINATOR

## START CONFIGURATION



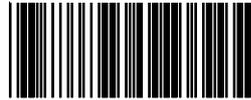
NONE



CR+LF



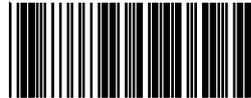
CR



LF



TAB



## END CONFIGURATION



## Note:-

The NEXA NC-1250 is a mid to long distance scanner and should be held between 5cm - 20cm from the bar code to be scanned.

Holding the scanner in close contact with or immediately above the bar code **will not** give satisfactory results.

## DaTaMaN Barcode Systems

Tel:- 088 322 7675  
Fax:- 088 322 7288  
P.O. Box 855  
Happy Valley S.A. 5159  
[www.datamanbarcode.com.au](http://www.datamanbarcode.com.au)

