MINDEO

CS2190 Cordless Laser Scanner Quick Guide

Notice

☞A standard kit contains: a handheld unit, a cradle, a USB cable, and a CD-ROM (containing software and manuals).

☞ It is suggested to read the user manual in details before use.

Parts of the handheld unit

① Exit window ② Trigger (Press to triggr / Long press 2 seconds to turn on)
③ Beeper ④ Power indicator (Blue LED) ⑤ Successful decoding indicator (Green LED) / Communication fail indicator (Red LED) / Charging (Red LED)

Parts of the cradle

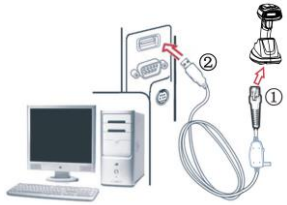
⑥ Power indicator (Blue LED)

⑦ Communication indicator (Green LED)

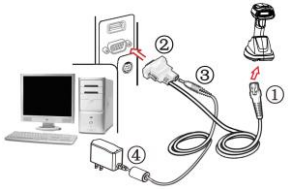
⑧ Key (Long press 2 seconds to restore factory default setting of cradle)

Installation of cradle

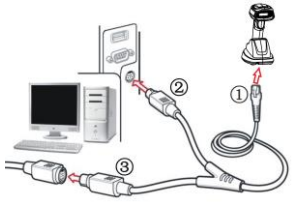
1. Switch off power of the host. Refer to the below pictures, connect the host with the scanner with different cables firstly, and then connect the adaptor to the power socket.
2. Ensure that all connections are secure. Switch on the power of the host. After a few seconds, if only the blue LED on the cradle is ON, it indicates the cradle is in normal working mode.



USB cable

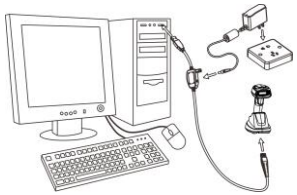


RS232 cable



PS/2 keyboard cable

Charge battery



1. Please charge the battery before the first time of use. The charge indicator (Red LED) on the handheld unit is turned on when the charging is in process. When the charging process completes, the charge indicator (Red LED) is turned off.
2. Charging time: 4 hours for fully charged.
3. You can charge the battery via a USB port on the device or an optional 5V adapter.

Indication of handheld unit for wireless data transmission

Successful Transmission	Beeper	Red LED	Vibration
Yes	Off	Off	Off
No	Three beeps	Blinks 3 times, and then turns off	Short vibrates 3 times, and then turns off

Programming instruction and example

Scan "SETUP"
↓
Scan "Option barcode"
↓
Scan "the 1st character of option"
↓
Scan "the 2nd character of option"
↓
Scan "END"

%SETUP 0301 0 3 %%%END

Example: to set Flow control to be XON/XOFF.

Initialization settings and information display

Initialize all parameters of handheld unit
%%ADEF

Handheld unit firmware version display
%%%VER

Handheld unit radio setting display
%%%SCI

Turn off handheld unit [Note]
%PWOFF

Initialize all parameters of cradle
%BADEF

Cradle firmware version display
%%BVER

Cradle radio setting display
%%BSCI

Note: 1) If you want to turn on the handheld unit again, please keep the trigger key being pressing for 2 seconds. 2) If you want to turn off the handheld unit via trigger key, please press and hold the trigger key, after the laser beam turns off, wait for another 5 seconds, the handheld unit will be turned off, then you can release the trigger key at this moment.

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Notes about radio communication

1. If multi-clusters are working in the same area, it is strongly recommended that different radio frequency channel numbers are applied to different clusters. While setting up, only the radio frequency channel number of the first handheld unit of a single cluster is required to be set.
2. In order to obtain constantly good communication quality, when in multi-clusters working mode, the physical space between two cradles is required to be at least 2 meters. And it is recommended to place the cradle on a higher location, generally more than 1 meter above the ground. If working outdoor, the higher location the better.

Quick setting to wireless network

1. Make sure that both the handheld unit and the cradle are in normal working mode. Normally it means that only the blue LED on the handheld unit and only the blue LED on the cradle are ON as shown below.


2. Use the handheld unit to scan the following setting barcode.

%%BIND	Quick binding

3. The blue LED on the handheld unit will blink and the beeper will beep regularly to indicate that the handheld unit is ready to be positioned onto the cradle.


4. Firmly position the handheld unit onto the cradle within 15 seconds. Two short beeps will be emitted to indicate a successful setting; otherwise, two long beeps and a short beep will be emitted to indicate a failed setting.

Vibration indication

%0506D00% Disable

%0506D01% Enable*

Note: the factory default settings are indicated with asterisks (*).

Beeper indication

%0503D00% Disable

%0503D01% Enable*

Volume of beeper

%0505D00% Low

%0505D01% Middle

%0505D02% High*