

DynaPro Go

Handheld PIN Pad Device with MSR/Contact/Contactless

Quick Installation Guide

MagTek
recommends
charging atleast
every 6 months
to maximize
operation.



Works with Operating Systems

USB Hosts: Windows 7, Windows 8 and 8.1, Windows 10,
Android 4.4.2 and above with USB OTG support
802.11 wireless TLS 1.2 hosts: iOS 7.1 and above, Android 6.0
and above, Windows 7 SP1 and above
Bluetooth LE hosts: iOS 7.1 and above, Android 5.0 and above,
Windows 8.1 and above on hosts that support Bluetooth LE
Secure Connections per Bluetooth Core Specification 4.2.

DynaPro Go

Installing DynaPro Go: Configuration is done prior to deployment for the certificate authority public keys and terminal and payment brand settings; end users need only set up a host with appropriate software, configure the software, and connect the device to the host.

Controls

In any solution, DynaPro Go is connected to a host, which must have software installed that knows how to communicate with the device, and which is capable of processing transactions.

To set up the host to work with DynaPro Go, follow the installation and configuration instructions provided by the vendor of the host or the host software.

Technical Support contact support@magtek.com

When contacting the support team make sure the device is charged, and have the part number and serial number(s) available. Installation and Operationa Manual can be found on magtek.com under support.

Contents/Pre-Installation Checklist

Major components of DynaPro Go are shown in Figure 1. In addition to the components shown, the device has a tamper trigger recessed in the bottom that is intended for manufacturer use only. **DO NOT INSERT ANYTHING INTO THE TAMPER TRIGGER HOLE! DOING SO WILL ERASE ALL INJECTED KEYS; THE DEVICE WILL STOP FUNCTIONING, AND WILL HAVE TO BE RETURNED TO THE MANUFACTURER FOR RE-CONFIGURATION.**

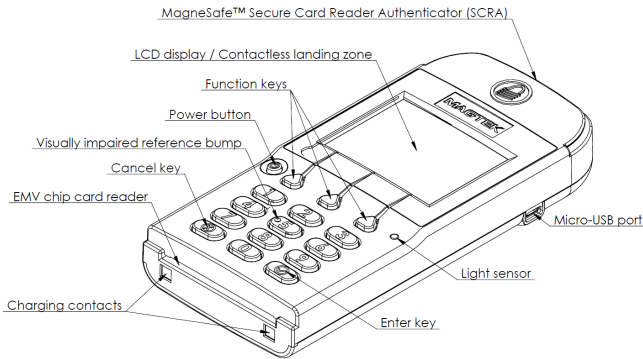


Figure 1. Major Components Diagram



*Figure 2.
Device in Optional Charging cradle*



Figure 3. USB connection

Charging the Device

DynaPro Go's power comes from an on-board rechargeable battery when it is not connected to a host's USB port. The battery must be periodically recharged by connecting it to a charging cradle, a USB port, or a stand-alone USB charger. Charging the device requires a micro-USB cable 6 feet (1.8 Meter) maximum length to ensure proper battery charging.

To charge the device in the charging cradle for power only (no USB communication):

1. Connect the charging cradle to a USB port or to a USB charger.
2. Place the device in the charging cradle with the charging contacts pointing into the charging cradle and the LCD display facing front.

Both the charging cradle and the device require a USB power supply that can provide at least 500mA @ 5V.

NOTICE

MAGTEK RECOMMENDS CHARGING ATLEAST EVERY 6 MONTHS TO MAXIMIZE OPERATION.

DynaPro Go's Lithium Polymer (LiPo) battery may be charged from MagTek's charging cradle or a USB charger until the device's battery indicator shows maximum charge has been reached. The device will stop charging its battery automatically.

On and Off

To power on the device: Press and hold the Power button for one second. Upon powering up, it will display the “Welcome” screen and the current device status.

To power off the device: Press and hold the Power button for seven seconds, or press the Power button for two seconds to display a “Power Off?” screen with a Yes / No selection above the left and right function keys. To power off, press the function key below Yes. To cancel powering off and return to the Welcome screen, either wait 10 seconds or press the function key below No. While the device is powering off, the display shows “Powering off...” for three seconds before the display goes blank.

LCD Display

The device’s LCD display uses a backlight and can be configured to either remain at a constant user selected brightness level (Manual mode) or adapt its brightness to ambient lighting based on the device’s light sensor (Auto mode). The factory default of the device is Manual mode at 75% brightness.

To change the LCD display backlight mode, press Left Function key 5, 2, 2, Right Function key to open the LCD Brightness Config screen. To exit without saving changes, press the Cancel key or wait 10 seconds for the device to return to the Welcome screen.

USB Connection

To connect DynaPro Go to a host computer or charger using the Micro USB port, follow these steps:

- Connect the small end of the USB cable to DynaPro Go as shown in Figure 3.
- Connect the large end of the USB cable to the charger or to the host computer’s USB port.

As soon as DynaPro Go starts receiving power through USB, it will automatically power on. If DynaPro Go is not automatically recognized you may need to unplug and plug it in again.

Wireless (Wi-Fi) connection

- Make sure the wireless access point, network, device, and host are set up properly and tested. Check IP address registration on DHCP server, check wireless MAC addresses as listed devices, and check firewalls for communication. Provide the wireless access point SSID and passcode to the advanced operator who will configure the devices.
- Power on the device and make sure the device is configured to use the 802.11 wireless connection. DynaPro Go supports multiple connection types, but only one interface can be active at a time. To change the active connection, on the Welcome screen, press Left Function Key 4 5 6 Right Function Key to show a confirmation screen to begin using the currently inactive connection type.
- Make sure the device is connected to the wireless network by checking the status icons. See Installation and Operation Manual for complete details.

Bluetooth LE

- To connect DynaPro Go to a host via the Bluetooth LE connection, follow these steps:
- Make sure the host supports Bluetooth LE Secure Connections.
- Install host software for DynaPro Go and power on the device.
- Check DynaPro Go Bluetooth LE active connection.
- Press Left Function Key 1 2 3 Right Function Key to enable pairing requests.
- Scan for Bluetooth devices on host and select.
- Host and Device show 6-digit matching passcode.
- Accept pairing on device and host.
- Check pairing by checking the device’s status icons.
- Check the installation and Operation Manual for further details and troubleshooting.

Declaration of Conformity

RF Frequencies and Power	802.11 Wireless: Average Power Radiated: 1.02mW (0.08 dBm) Conducted Power = 97.7mW (19.89 dBm) Frequency range 2400 MHz to 2497 MHz Contactless Reader: Radiated Power: 10.34dBm Frequency range: 13.553 MHz to 13.567MHz
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Hereby, MagTek Inc. declares that the radio equipment types Wideband Transmission System (802.11 wireless) and Non-Specific Short Range Device (contactless) are in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
<https://www.magtek.com/Content/DocumentationFiles/D998200238.pdf>

Important Health and Safety Information

The device implements electronic labels ("e-labels") that report its Health and Safety certification information. To access them, press the sequence Left Function key, 7, 8, 0, Right Function key. This brings up a page with indicators on the bottom that show more information is available by scrolling. Press Left Function key and Right Function key to scroll to the previous and next e-label. To return to the Welcome screen, press the Cancel key, or wait 10 seconds. For further instructions please reference Installation and Operation Manual (D998200129).

Compliance

FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

CUR/UR

This product is recognized per Underwriter Laboratories and Canadian Underwriter Laboratories 1950.

CANADIAN DOC STATEMENT

This digital apparatus does not exceed the Class B limits for radio noise from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC: 23169-30056216
Contains Transmitter module IC: 10147A-362

CE STANDARDS

Testing for compliance with CE requirements was performed by an independent laboratory. The unit under test was found compliant with standards established for Class B devices.

UL/CSA

This product is recognized per UL 60950 1, 2nd Edition, 2011 12 19 (Information Technology Equipment - Safety - Part 1: General Requirements), CSA C22.2 No. 60950 1 07, 2nd Edition, 2011 12 (Information Technology Equipment - Safety - Part 1: General Requirements).

ROHS STATEMENT

When ordered as RoHS compliant, this product meets the Electrical and Electronic Equipment (EEE) Reduction of Hazardous Substances (RoHS) European Directive 2002/95/EC. The marking is clearly recognizable, either as written words like "Pb-free," "lead-free," or as another clear symbol (Pb).

PCI DEVICE VALIDATION

Compare the hardware ID (HW ID) on the printed label and the firmware ID (FW IDs), accessible via the device and displayed on the screen, to the hardware # and firmware # posted on the PCI compliance web page: https://www.pcisecuritystandards.org/assessors_and_solutions/pin_transaction_devices

Search for MagTek and find the product name, DynaPro Go, on the web page. Compare the Hardware # and Firmware #.

