

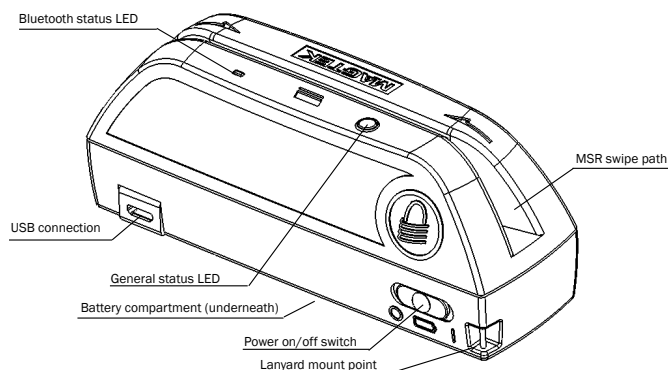
Quick Installation Guide

Setup and Installation

Overview

DynaMAX, a secure card reader authenticator, gives users the flexibility needed in point of sale and point of service environments. Whether used by a bank, hotel, retail merchant, food truck, or theatre, DynaMAX works with USB wired or a wireless connection delivers one reader for mobile or stationary needs, saving the user money on a single, low-cost, yet highly secure device.

Major Components



Power

Slide the power switch to the right to turn ON. Slide left to turn OFF.

Mobile powered by two (2) Alkaline “AA” batteries. Users have the freedom to operate DynaMAX as a wireless device while taking payments on the go. Battery standby time is 5 years; 3 VDC on battery power; Max current draw is < 100mA.

To install batteries: Use your finger to squeeze the release tab on the battery cover, and remove the battery cover. Remove used batteries if they are already installed, and dispose of them according to local e-waste guidelines. Insert the new batteries, making sure to orient each battery to the plus and minus signs stamped inside the battery compartment. Re-attach the battery cover and snap it closed.

Counter top powered by USB via Micro-USB B jack. Use the USB interface and power to operate while connected to a PC or tablet-based POS system where a USB host and power are available. Voltage is 5 VDC; Max current draw is < 100mA.

Compatibility and Operating System

iOS 7.1; Android 4.4.2; USB: Windows 7, Windows 8; Wireless: Windows 8.1 on hosts with wireless hardware

Connection and Mounting

Mounting Options: Desktop anti-skid pad, attached weight, threaded mounting holes and optional recessed cable, and adhesive and optional recessed cable, and Hook-and-Loop fasteners, and Lanyard.

USB HID: Make sure the host and device are powered off. Connect the small end of the USB cable to DynaMAX. The Micro USB connector can be swiveled to orient vertically for connections through the mounting surface, or horizontally for other types of cable run. Connect the large end of the USB cable to the host computer's USB port. Power on the host computer. Power on the device using the power switch. On the host, install and configure the software to be used with DynaMAX (USB HID).

Wireless: Mobile wireless mode requires batteries: To use a wireless connection, the device must be powered by two alkaline “AA” batteries. Install batteries and switch ON power. If the device is waiting to pair, it should flash the wireless status LED for up to 60 seconds. Otherwise you may test the batteries by swiping a card and making sure the LEDs flash. On the mobile device, go to Settings and enable wireless connection. Scan for devices, and select the DynaMAX you want to pair to. Note: you will see the DynaMAX and its serial number. When prompted, enter factory default passcode 000000 (or the device's actual password if it has been configured differently). On the mobile device, install and configure the software you intend to use with DynaMAX.

micro-USB connection









USB connection



Use and Compliance

LED

Power LED (Blue); Three-color General Status LED (Red/Green/Amber)

COLOR	FLASHING PATTERN	MEANING
OFF	OFF	 If connected to USB, device is powered off, or the host has put the device into suspend mode, or a card has just been swiped. If powered by batteries, the device is waiting for a swipe, or device is powered off, or batteries need to be replaced.
GREEN GREEN- GreeGREEN OFF	STEADY ON	 If configured to require authentication, device is waiting for authentication. After authentication is established it will slowly blink green, or will turn steady red if authentication fails. Otherwise, device is ready to read a card.
GREEN	TWO SECONDS ON	 Device has successfully read a swiped card.
GREEN	SLOW BLINKING	 If configured to require authentication, authentication has been established, device is ready to read a card.
GREEN	RAPID FLASHING	 If operating in wireless mode, reader has card data to send to the host, but does not yet have a wireless data connection to the host. Flashing will stop when connection is established or after timeout waiting for connection (15-30 seconds).
AMBER	STEADY ON	 Device is powered by USB and is waiting for the host to establish a USB data connection.
AMBER	TWO SECONDS ON	 If operating in wireless mode, reader has card data to send to the host, but sending has failed.
RED	STEADY ON	 If configured to require authentication, authentication has failed. Attempt to re-authenticate, or power off the device, check authentication configuration, and power the device back on.

Compliance

FCC WARNING STATEMENT: This equipment has been tested and was found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation.

FCC COMPLIANCE STATEMENT: This device complies with Part 15 of the FCC Rules. Operation of this device 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.

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.

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 Underwriter Laboratories and Canadian Underwriter Laboratories 1950.

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 (Ⓢ).

Commands

The custom software wraps commands in simple Get/Set wrappers, and should use whatever BLE library is appropriate for the chosen software development framework.

Accepting Payments

Make checkout faster with a reliable swipe path. Unlike other mobile devices, the DynaMAX has a long read path with well-defined head pressure, and well controlled slot width for maximal first swipe read rate. Your customers will appreciate the faster checkout and will be reassured by one swipe completing their transaction.