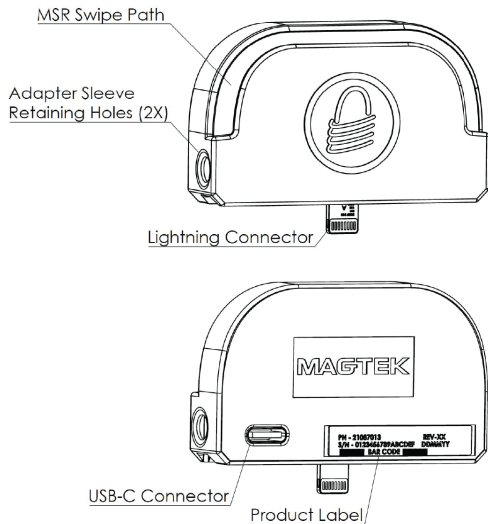# Quick Installation Guide
Setup and Installation

Product Overview

iDynamo 5 (Gen II) offers MagneSafe® security and delivers open standards encryption with simple, yet proven DUKPT key management, immediate tokenization of card data and MagnePrint® card authentication to maximize data protection and prevent the use of counterfeit cards. Mobile merchants can now leverage the power of their iPhone products without the worries of handling or storing sensitive card data at any time.

Major Components

MSR Swipe Path
Adapter Sleeve Retaining Holes (2X)
Lightning Connector

USB-C Connector
Product Label

Power and Charging

iDynamo 5 (Gen II) is powered through the iOS device, only uses power during a transaction, and uses a MagTek cable (noted below)for charging the iOS Device.

Apple Power Adapter is Required

The charging source must be specified by Apple and be specific to the iOS device to which iDynamo 5 (Gen II) is attached. To charge your iOS device while iDynamo 5 (Gen II) is attached, connect the MagTek cable (noted below) and then connect the opposite end to the appropriate Apple charging adapter.
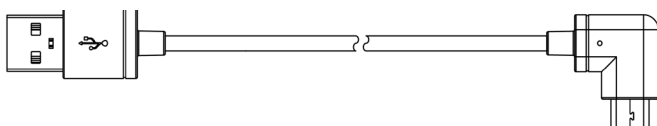
MagTek Cable

ONLY use MagTek USB cable PN 1000005076 (3ft) or PN 1000007268 (6ft) to charge the iOS device. A MagTek cable will be included with your reader and is required.

CAUTION: Failure to use MagTek cable with the Apple supplied adapter will VOID MagTek Limited Warranty.

USB connection   Type C connection

Connection

Compatible with iOS Lightning connector devices. Adapter sleeves make attaching to iOS devices simple and provide more stability. iDynamo 5 (Gen II) comes with several stability adapter sleeves.
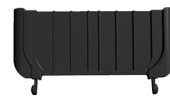
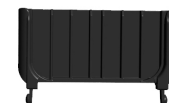| Part Number	Description
21041140	For iPhone 8+, iPhone 7+, iPhone 6+
21041139	For iPhone 8, iPhone 7, iPhone 6
21041088	For iPhone 5/5s
1000001920	For iPad Air 2
21041137	For iPad Air, iPad mini 3, iPad mini with Retina display, iPad (5th, 6th, 7th, and 8th generation)
21041086	For iPad with Retina Display

Optional adapter kits are available.

Part Number	Description
21073144	Adapter Kit for iPad Air 2; iPhone 8+/7+/6+; iPhone 7/6/8; iPhone 5c; iPhone 5/5s; iPad mini 3, iPad mini with Retina display; iPad mini; iPad Air, iPad with Retina Display; iPod touch 5th gen
21073107	Adapter Kit for iPhone 4, iPad, iPad 2 / 3 & iPod touch 3 & 4, iPhone 3GS
21041054	Adapter Kit for iPad 2/3

Connect adapter sleeve to iDynamo 5 (Gen II) by sliding adapter on. Then connect to Lightning host device.

CAUTION: DO NOT TWIST OR BEND THE LIGHTNING CONNECTOR.

iPhone 6+
iPhone 6s+
iPhone 7+

iPhone 6
iPhone 7
iPhone 8

iPhone 5s iPhone 5

iPad Air 2

iPad Air
iPad mini 3,
iPad Mini with Retina Display
iPad (5th, 6th, 7th, and 8th generation)

iPad with
Retina Display

Made for
 iPhone | iPad

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SECURITY FROM THE INSIDE

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Use and Compliance

Compatibility

iPhone 14 Pro Max, iPhone 14 Pro, iPhone 14 Plus, iPhone 14, iPhone SE (3rd generation), iPhone 13 Pro Max, iPhone 13 Pro, iPhone 13, iPhone 13 mini, iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 12 mini, iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11, iPhone XS Max, iPhone XS, iPhone XR, iPhone X, iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPad Pro 10.5-inch, iPad Pro 12.9-inch (2nd generation), iPad Pro 9.7-inch, iPad Pro 12.9-inch (1st generation), iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad (6th generation), iPad (5th generation)

Card Read

A card may be swiped through the reader slot. The magnetic stripe must be inside the magnetic stripe path with the magstripe facing away from the embossed lock on the front of the card reader. iDynamo 5 (Gen II) is a bi-directional reader, cardholders may swipe in either direction along the path.

Commands

The acquirer or manufacturer configures the encryption keys before deployment. Operators need only set up a host with appropriate software, configure the software, and connect the device to the host. Some applications include a visual indication of whether the device is active or not. Contact your representative to learn where you can download your application.

Technical Support

When contacting the support team please have power to your reader and have the part number and serial number(s) available, contact support@magtek.com

Legal

"Made for iPhone" and "Made for iPad" means that an electronic accessory has been designed to connect specifically to iPhone and iPad, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with an Apple product may affect wireless performance. iPhone and iPad are trademarks of Apple Inc., registered in the U.S. and other countries.

iPhone and iPad not included.

Please note that the use of this accessory with an Apple product may affect wireless performance. Apple®, Apple Pay®, OS X®, iPhone®, iPad®, iPad Air®, iPad Pro®, Lightning®, and Mac® are trademarks of Apple Inc., registered in the U.S. and other countries. EMV® is a registered trademark in the U.S. and other countries and an unregistered trademark elsewhere. The EMV trademark is owned by EMVCo, LLC. The Contactless Indicator mark, consisting of four graduating arcs, is a trademark owned by and used with permission of EMVCo, LLC.

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 Réglement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numériqué de la classe B est conformé 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 (⊘).