

Revel iPad Point of Sale

System Installation Manual

December 14, 2015



Revel
SYSTEMS

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Important Safety Instructions

1. Installation and servicing should only be done by qualified service personnel and conform to all local codes.
2. Use only installation methods and materials capable of supporting four times the maximum specified load.
3. For indoor use only, do not install outdoors.

Introduction

This document includes basic instructions on how to install the POS system.

Parts List

Qty	Description
1	iPad Air
1	iPad Mini*
1	Scanner*
1	Access point*
1	Card swipe*
1	Receipt printer*
1	Cash drawer and cable*
1	Ethernet cable, 10-feet long

** System components may vary from the models illustrated in this manual. These instructions provide basic instructions required to install the Revel Systems POS. Refer to the OEM instructions supplied with the system component for detailed instructions.*

The following tools and parts are needed but not supplied:

Qty	Description
1	An active Internet connection
1	Power outlet
1	Phillips head screw driver
1	Drill and drill bit

Overview

Revel Box

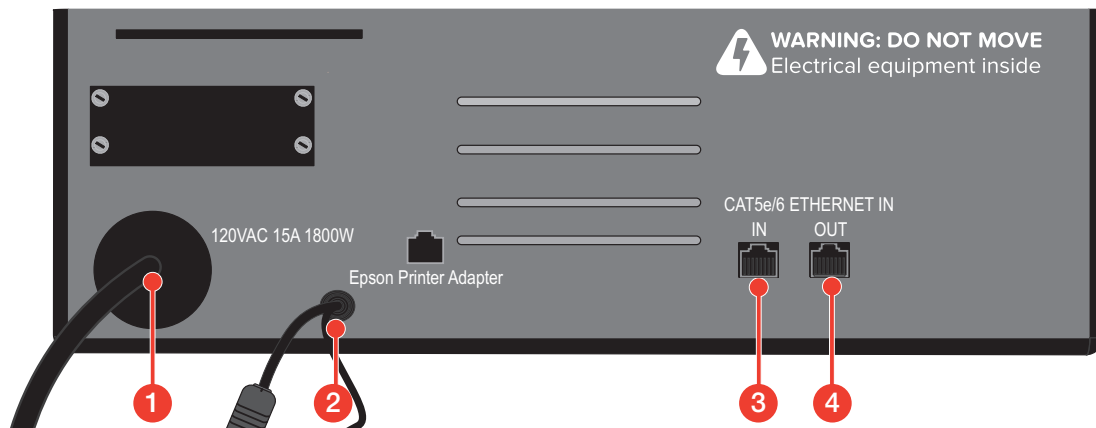


Figure 1. Back View of Revel Box

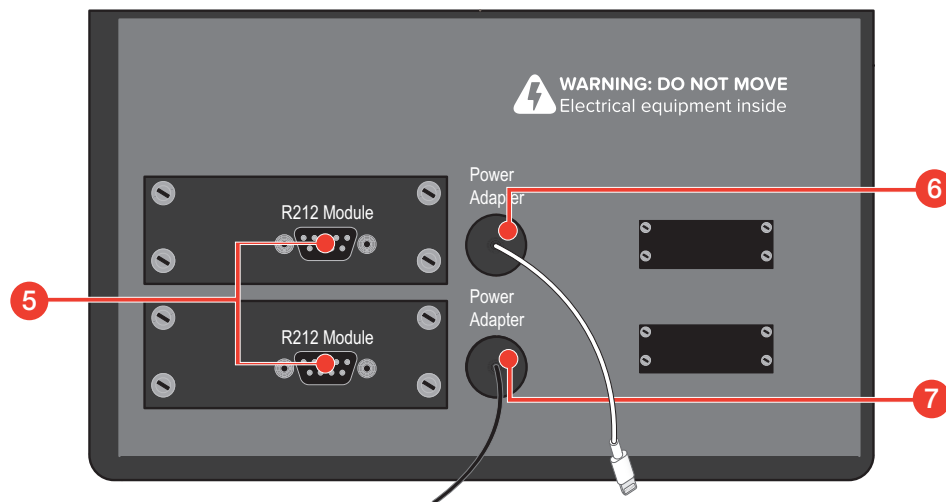


Figure 2. Left Side of Revel Box

- 1 Power – 120VAC, 15A, 1800W power supply for Revel box.
- 2 Epson Printer Adapter – Power and network connections for POS printer.
- 3 CAT5 Ethernet IN– Connects the Revel box to the network.
- 4 CAT5 Ethernet OUT – Connects one Revel box to another Revel box.
- 5 R212 Module – Network connection for a compatible Revel POS accessory.
- 6 Lightning Power Cable– Power connection for the iPad Air.
- 7 Power Adapter – Power connection for an R212 compatible Revel POS accessory.

Connecting the Wires and Cables

System components may vary from the models illustrated in this manual. Device connections are identified by colored labels placed on the Revel box before shipping. The following table identifies the color and description of each label:

Green	Customer display
Red	Card Swipe
Yellow	Scanner
Black	CAT5e Printer
Purple	Zebra Printer
Pink	Scales

Revel Box

1. Place the Revel box on a level, flat area located under the POS counter.
2. Plug the Revel Box into a power source, refer to Figure 3.
3. Connect an Ethernet Cable to the CAT5 Ethernet IN connection located on the back of the Revel Box, refer to Figure 3.
4. Connect the other end of the Ethernet Cable to a network port.

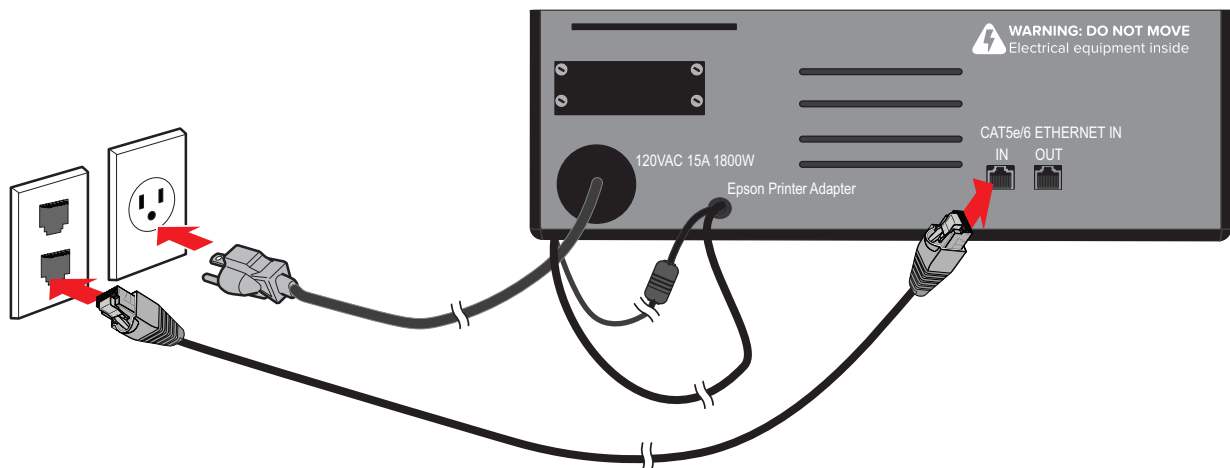


Figure 3. Connecting the Revel Box to Power and Ethernet

Printer

1. Place the printer on the counter.
2. Connect the Printer Power Supply to the Printer, refer to Figure 4.

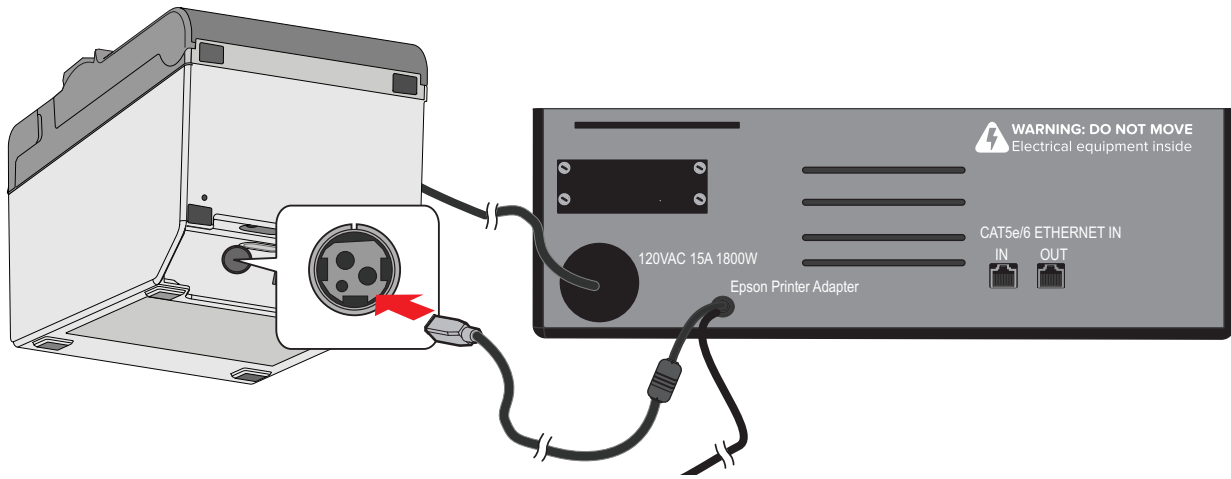


Figure 4. Connecting Power to the Printer

3. Connect the Ethernet cable into the RJ45 port located on the printer, refer to Figure 5.

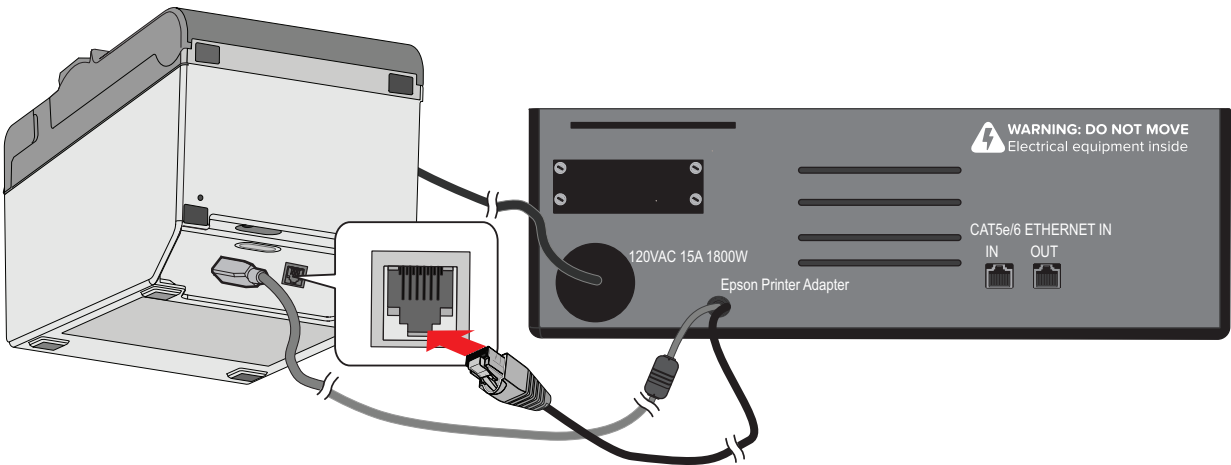


Figure 5. Connecting the Printer to the Ethernet

Cash Drawer

1. Place the cash drawer on or under the counter.
2. Connect the cash drawer to the printer using the provided cable. Refer to Figure 14 and do the following:
 - a) Plug the RJ45 end of the cable (the larger connector) into the bottom of the cash drawer. The cash drawer does not connect directly to the Revel box. Refer to the OEM instructions supplied with the system component for detailed instructions.
 - b) Plug the RJ11 end of the cable (the smaller connector) into the printer.

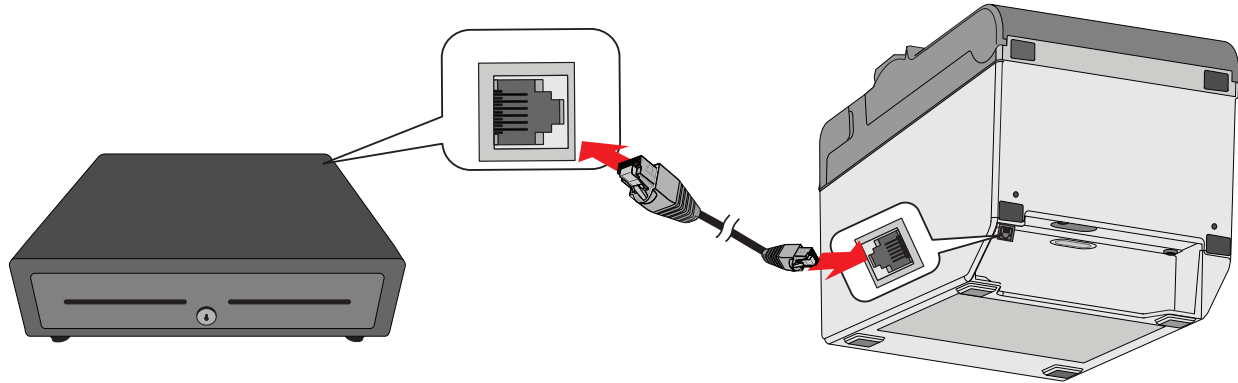


Figure 6. Connecting the Cash Drawer to the Printer

iPad Air

Plug the Lightning power cable into the connector located on the side of the iPad Air, refer to Figure 7.

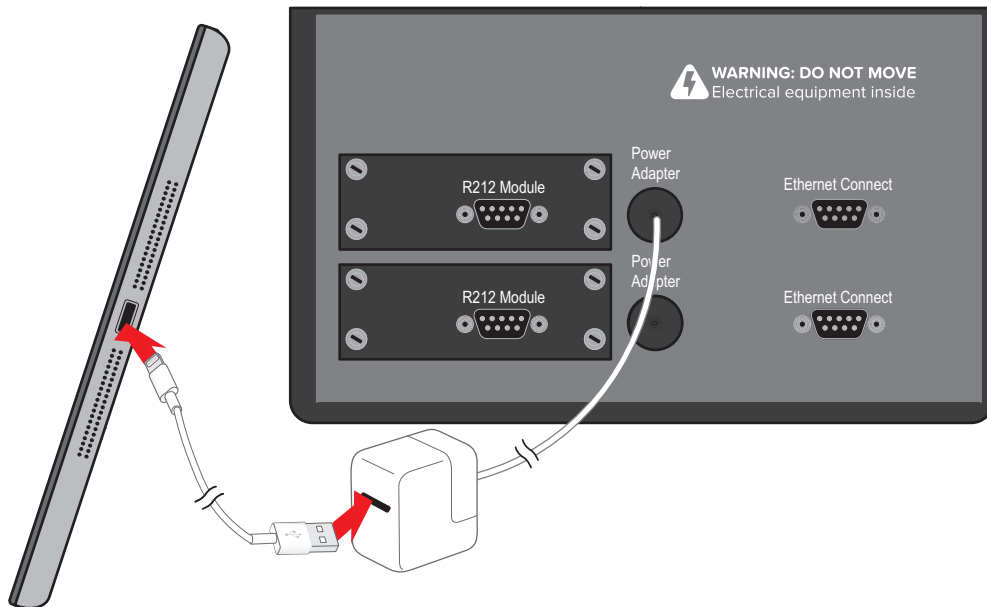


Figure 7. Connecting the iPad Air to the Power Source

Card Swipe

This manual includes instructions for installing an IDRE Series or an Ignenico Series card swipes. System components may vary from the models illustrated in this manual. These instructions provide basic instructions required to install the Revel Systems POS. Refer to the OEM instructions supplied with the system component for detailed instructions.

IDRE Series Card Swipe (Optional)

Connect the power/data cable to the top R212 port, refer to Figure 8.

Ignenico Series Card Swipe (Optional)

Connect the cable from the bottom Power port to the card swipe, refer to Figure 8.

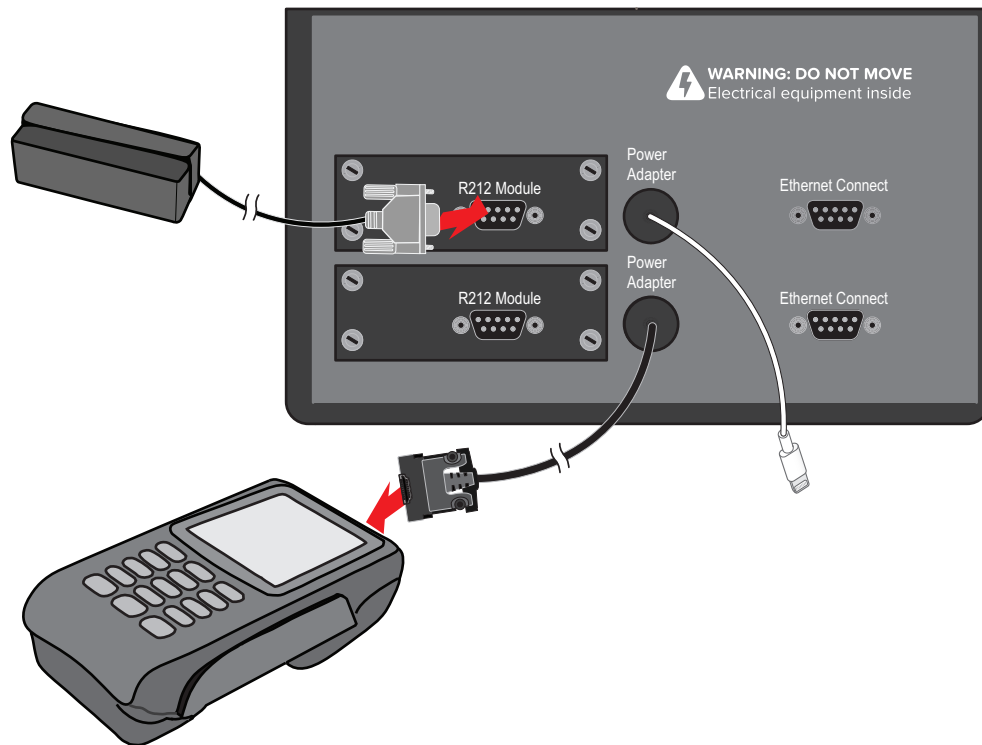


Figure 8. Connecting the Card Swipes to the Revel Box

Scanner

1. Connect the Barcode Scanner to the scanner serial cable.
2. Connect the other end of the cable to the bottom R212 port located on the left side of the Revel Box, refer to Figure 9.
3. Connect the R212 power cable located on the Revel Box to the R 212 power connector.

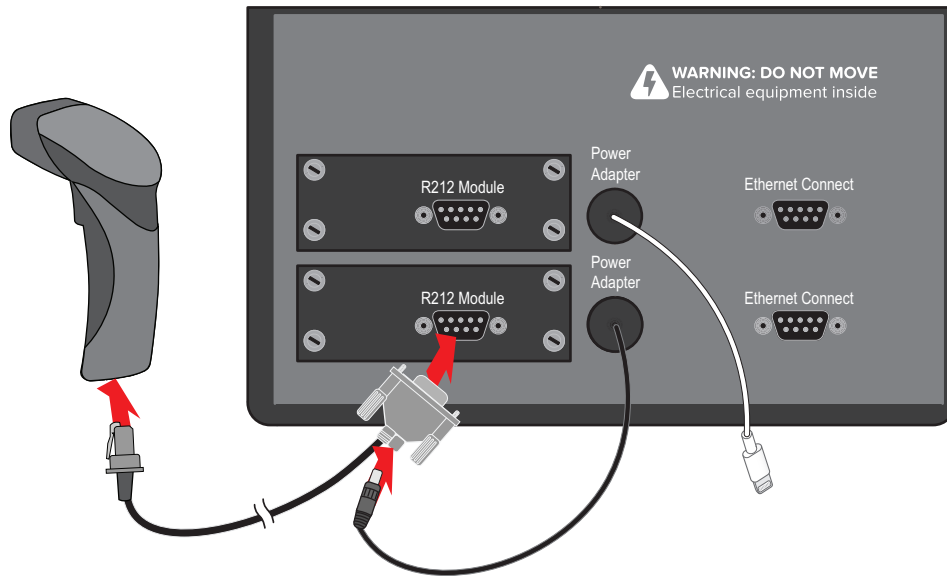


Figure 9. Connecting the Scanner to the Revel Box

Access Point

NOTE: For clear communication, mount/place access points within 20-feet of all other access points in the POS system configuration.

1. Mount the access point within 20 feet of the POS station.
2. Connect one end of an Ethernet cable to the Access Point power supply and the other end of the cable to the main port of the, refer to Figure 10.
3. Connect the other end of the Ethernet Cable to a network port.
4. Plug the Access Power supply into a power source.

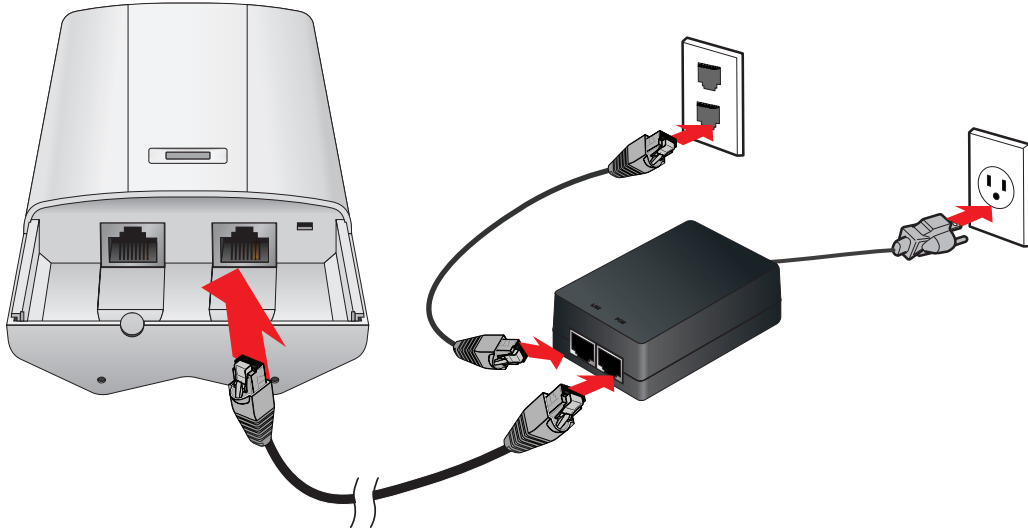


Figure 10. Access Point Connections

SYSTEM CONFIGURATION SUPPORT

Phone: 415.744.1433 extension 2

Website: <http://support.revelsystems.com>