



# 2-Port USB SuperBooster Receiver Wall Plate



Part #29345

## User Manual

## **Introduction**

Thank you for purchasing the USB SuperBooster Receiver Wall Plate. The USB SuperBooster Receiver Wall Plate is one component of a complete solution that, when paired with a transmitter (sold separately) allows you to conquer USB length limitations and put your USB devices where you need them. This wall plate solution extends the distance of a USB device to a host computer up to 150ft so you can place your USB projector, camera, printer, or other USB device exactly where you want it! The USB SuperBooster Wall Plate is powerful yet simple, with no drivers to install or special software required. It is also compatible with any computer that supports USB.

This plug-and-play device consists of a transmitter unit and receiver unit incorporated into single gang Decora compatible wall plates or dongles. Two transmitter options are available so you can customize the configuration to meet your own needs. Choose from a transmitter wall plate or a dongle.

The transmitter/receiver pair is connected via standard Cat5, Cat5E, or Cat6 UTP cable allowing for easy installation. This makes for a clean, finished installation important for home owners, classrooms, offices and anywhere you don't want visible cables lying around. Use pre-terminated network cables or pull un-terminated cable and use the included tool-less IDC RJ45 connector. The USB SuperBooster Wall Plate is bus-powered so no external power source is required.

## Features

- Extends the distance of a USB device from a USB-enabled computer up to 150ft
- One part of a total solution- transmitter is purchased separately giving you the flexibility to customize the configuration to your specific needs
- Transmitter options include a wall plate (part #29344) or a dongle (part #29348)
- Ideal for use with USB projectors, interactive whiteboards, cameras, printers, web cams, hubs, and other USB devices
- Fits a standard J-box
- Compatible with Leviton Decora® brand cover plates
- Bus-powered so no external power source is required
- Uses standard Cat5/Cat5E/Cat6 patch cord (not included) for ease of use and flexibility
- Included tool-less IDC RJ45 connector allows you to terminate your own cable
- Compliant with USB Specification 1.1
- Connectors:
  - Transmitter (sold separately): USB Type B Female; RJ45 Female
  - Receiver: Two USB Type A Female Ports; RJ45 Female

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## Package Contents

- USB SuperBooster Wall Plate- Receiver Unit
- (1) One RJ45 tool-less IDC connector
- (2) Two #6x32 slotted/phillips screws
- User Guide

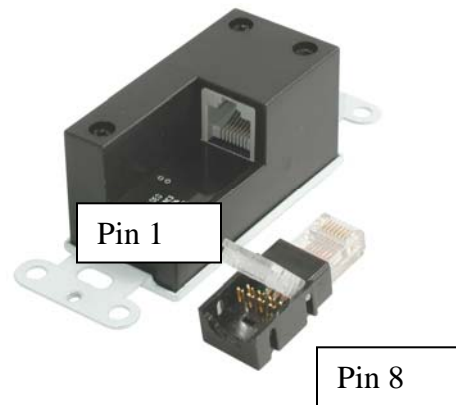
## Installing your USB SuperBooster Wall Plate

The USB SuperBooster solution has a transmitter unit (sold separately) and a receiver unit. **Make certain you install the transmitter unit at your computer or source side. The receiver unit needs to be installed on the device side.**

- 1) Install the Wall Plate Transmitter in a standard J-box where you want your source/computer or connect the Dongle Transmitter to your computer
- 2) Install the Receiver Wall Plate unit in a standard J-box where you want your USB device
- 3) Use a pre-terminated Cat5/Cat5E/Cat6 cable (recommended) or terminate your own cable using the tool-less RJ45 connectors included to connect the transmitter and receiver together (see below for instructions on terminating your own cable)
- 4) If using a Wall Plate Transmitter, plug your computer into the transmitter end (USB B side) using a standard A/B USB cable (The green LED will light to indicate you have a good connection to the wall plate) or skip this step if using a Dongle Transmitter as you connected your computer in step 1
- 5) Plug your device into the receiver end (USB A side) using a standard A/B (or A/Mini-B) USB cable (The green LED will light to indicate you have a good connection to the wall plate)
- 6) Turn your computer/source on and begin using your device

## Terminating a Cat5/Cat5E/Cat6 Cable Using the Tool-less IDC

- 1) Open the plug by lifting the clear plastic end
- 2) Pin 1 of the connector is on the left side of the clear plastic shell while Pin 8 is on the right side of the connector (with RJ45 connector facing away from you)
- 3) Thread the white/orange conductor on your Cat5/5E/6 cable into Pin 1
- 4) Thread the orange conductor on your Cat5/5E/6 cable into Pin 2
- 5) Thread the white/green conductor on your Cat5/5E/6 cable into Pin 3
- 6) Thread the blue conductor on your Cat5/5E/6 cable into Pin 4
- 7) Thread the white/blue conductor on your Cat5/5E/6 cable into Pin 5
- 8) Thread the green conductor on your Cat5/5E/6 cable into Pin 6
- 9) Thread the white/brown conductor on your Cat5/5E/6 cable into Pin 7
- 10) Thread the brown conductor on your Cat5/5E/6 cable into Pin 8
- 11) Repeat steps 1-10 to terminate the other end of your Cat5/5E/6 cable

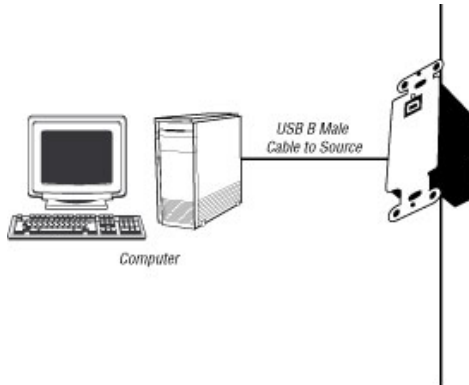


## Termination Chart

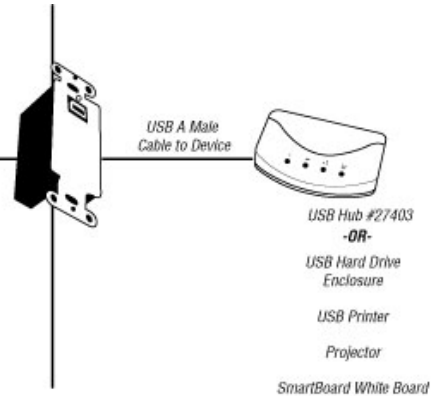
Pin Number	Network (Cat5/5E/6) Conductor Color
1	white/orange
2	orange
3	White/green
4	Blue
5	White/blue
6	Green
7	White/brown
8	brown

## Application Diagram

### Transmitter



### Receiver



  
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