



4-Port USB SuperBooster Receiver Dongle



Part #29347

User Manual

Introduction

Thank you for purchasing the USB SuperBooster Receiver Dongle. The USB SuperBooster Receiver Dongle 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 Dongle 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 Dongle 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
- 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: Four USB Type A Female ports; RJ45 Female

Package Contents

- USB SuperBooster Dongle- Receiver Unit
- (1) One RJ45 tool-less IDC connector
- User Guide

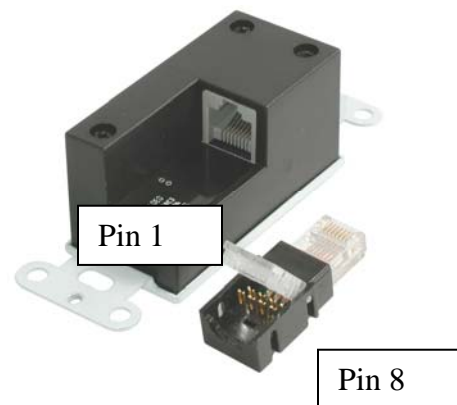
Installing your USB SuperBooster Dongle

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 Transmitter Wall Plate in a standard J-box where you want your source/computer or connect the Transmitter Dongle to your computer
- 2) Connect the Receiver Dongle to your device using a standard A/B USB Cable or A/Mini-B USB Cable
- 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 Transmitter Wall Plate, 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)
- 5) 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

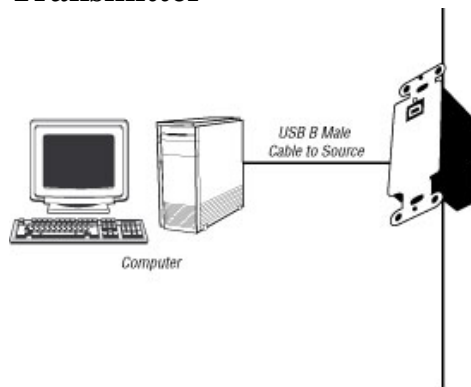


Termination Chart

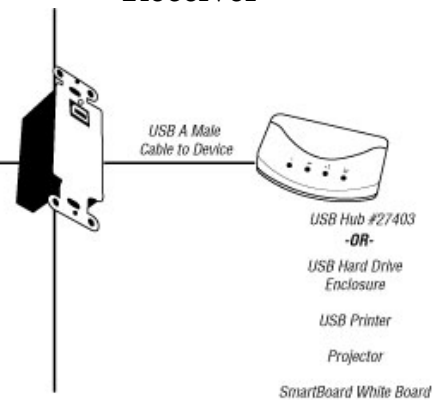
Pin Number	Network (Cat5/5E/6) Conductor Color
1	white/orange
2	orange
3	White/green
4	Blue
5	White/blue
6	Green
7	White/brown
8	brown

Application Diagram

Transmitter



Receiver




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