

Synergy™ 10-button Keypad Controller (US)

SYN-KEY10



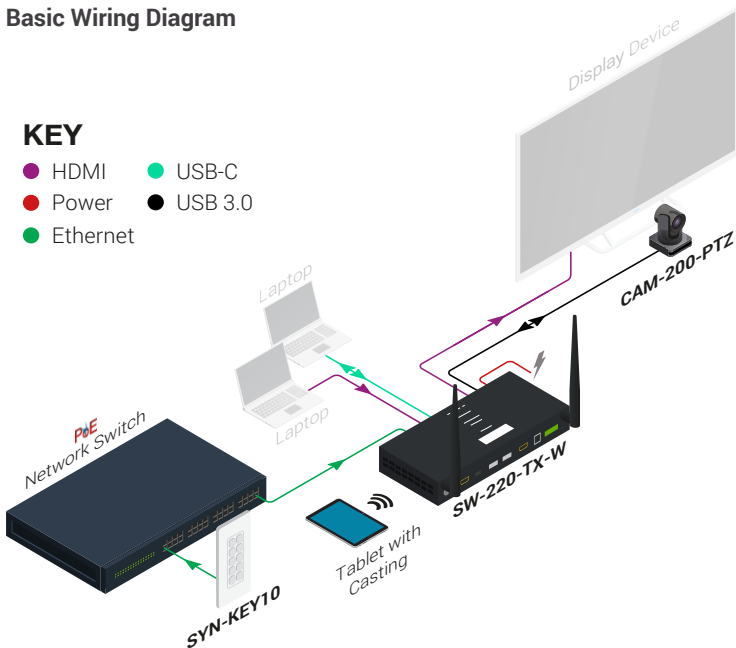
Quickstart Guide

WyreStorm recommends reading through this document in its entirety to become familiar with the product's features prior to starting the installation process.

IMPORTANT! Installation Requirements

- Read through the [Wiring and Connections](#) section for important wiring guidelines before creating or choosing premade cables.
- Visit the product page to download the latest firmware, document version, additional documentation, and configuration tools.

Basic Wiring Diagram



KEY

- HDMI
- Power
- Ethernet
- USB-C
- USB 3.0

In the Box

- 1x SYN-KEY10
- 1x 1-Gang US Plastic Decora Plates
- 1x 2-Pin Phoenix Male Connector
- 1x 3-Pin Phoenix Male Connector
- 2x 32*20mm Phillip Screws
- 2x 32*7mm Phillips Screws (White Head)
- 2x Sheets of Pre-printed Button Labels

Wiring and Connections

WyreStorm recommends that all wiring for the installation is run and terminated prior to making connections to the switcher. Read through this section in its entirety before running or terminating any wires to ensure proper operation and to avoid damaging the equipment.

IMPORTANT! Wiring Guidelines

- The use of patch panels, wall plates, cable transmitters, kinks in cables, and electrical or environmental interference will have an adverse effect on signal transmission which may limit performance. Steps should be taken to minimize or remove these factors completely during installation for best results.

Communication Connections

RS-232 Wiring

The SYN-KEY10 uses a 3-pin RS-232 with no hardware flow control. Most control systems and computers are DTE where pin 2 is RX, this can vary from device to device. Refer to the documentation for the connected device for pin functionality to ensure that the correct connections can be made.

WyreStorm Connector		3rd Party Device
Pin 1 TX (Transmit)	---> To --->	RX (Receive)
Pin 2 RX (Receive)	---> To --->	TX (Transmit)
Pin 3 G (Ground)	---> To --->	G (Ground)

Power Wiring

The SYN-KEY10 can use a 2-pin Terminal Connector if the keypad can't get power from a PoE ethernet switch or the switch doesn't support PoE. Refer to the documentation for the connected device for pin functionality to ensure that the correct connections can be made.

WyreStorm Connector	
Pin 1 PWR + (Positive)	
Pin 2 PWR - (Negative)	

Warranty Information

WyreStorm Technologies ProAV Corporation warrants that its products to be free from defects in material and workmanship under normal use for a period of five (5) years from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.

