

Synergy™ 10.1 inch Table Top or Wall Mount Touch Panel with POE

SYN-TOUCH10 v3

WyreStorm
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.

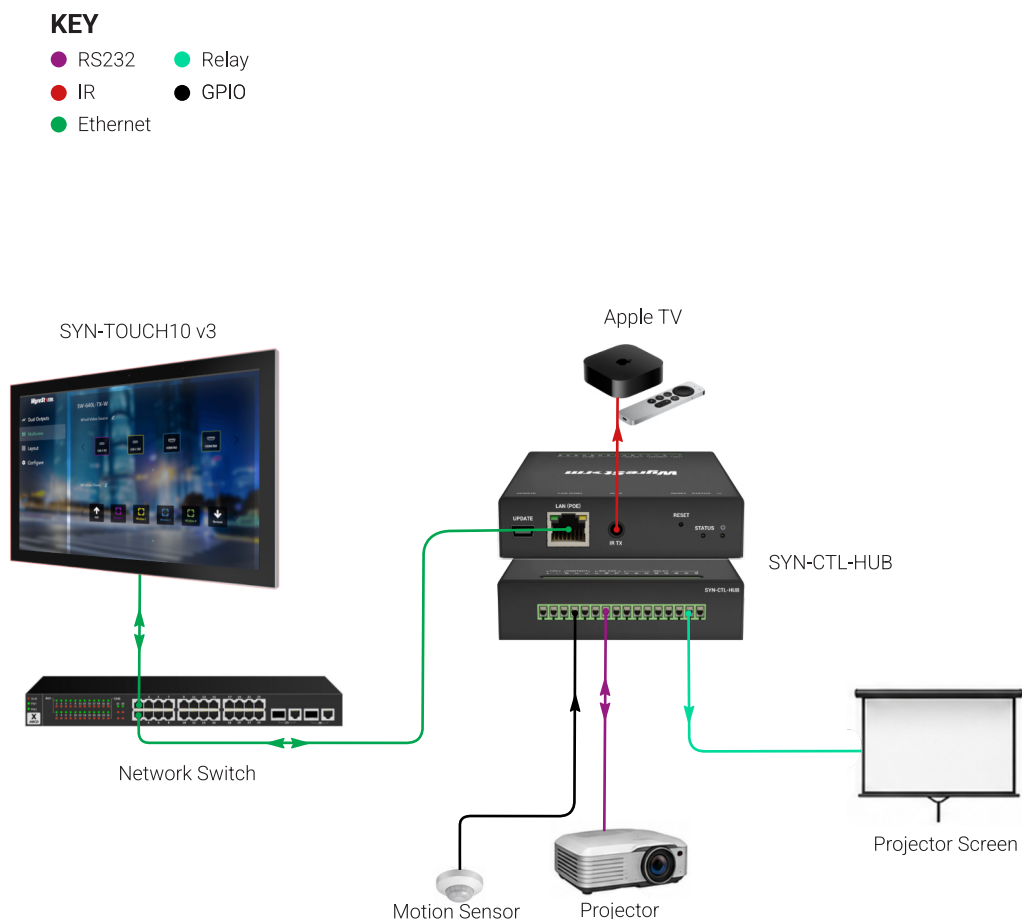
⚠ IMPORTANT! Installation Requirements

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

In the Box

- 1 x SYN-TOUCH10 v3 Unit
- 1 x RS485 Poenix connector (3.81mm, 3-Pin)
- 1 x Power Poenix connector (3.81mm, 2-Pin)
- 2 x Phillips Head M4*24mm Countersunk Screws
- 1 x Quickstart Guide

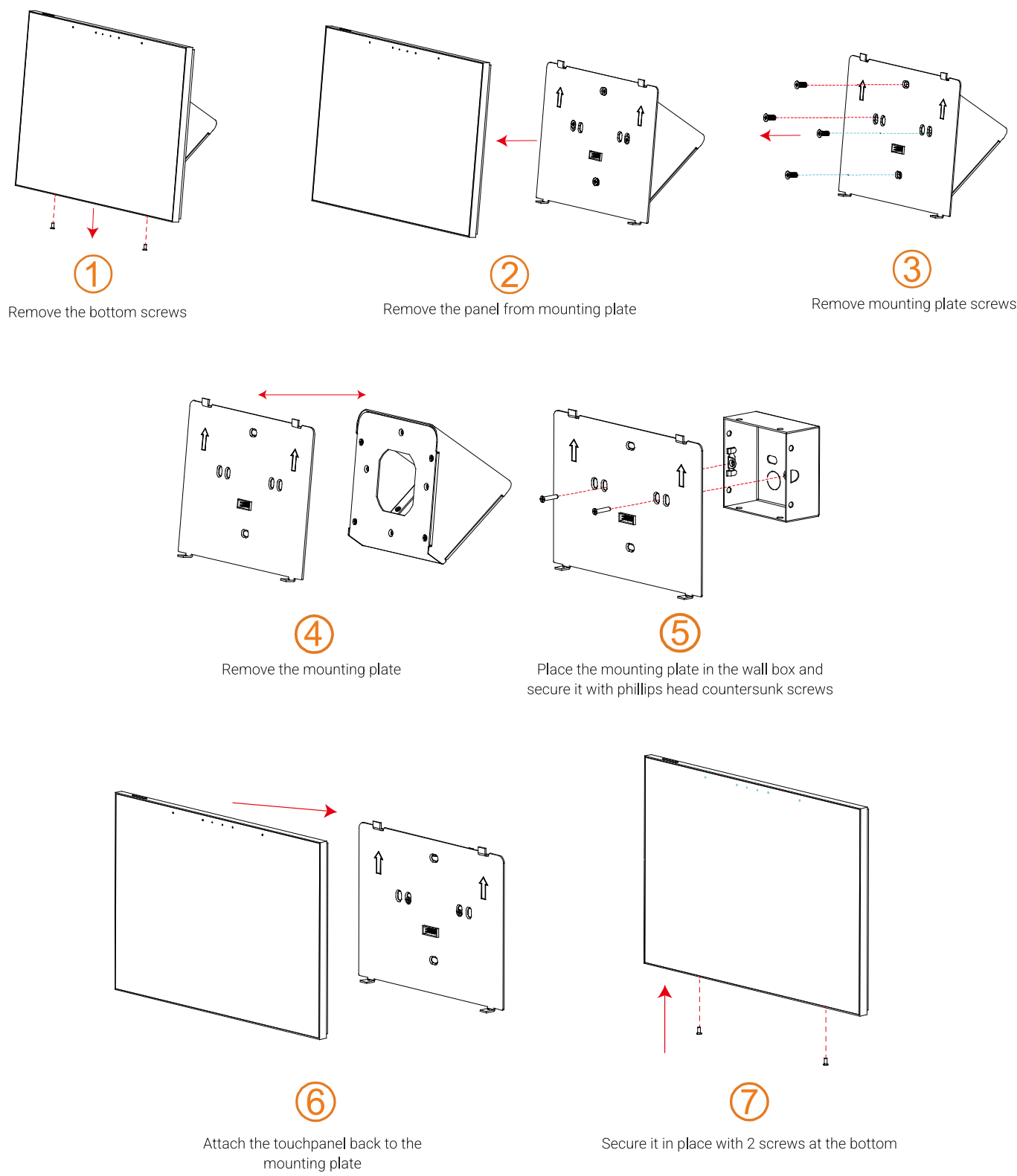
Basic Wiring Diagram



Installation

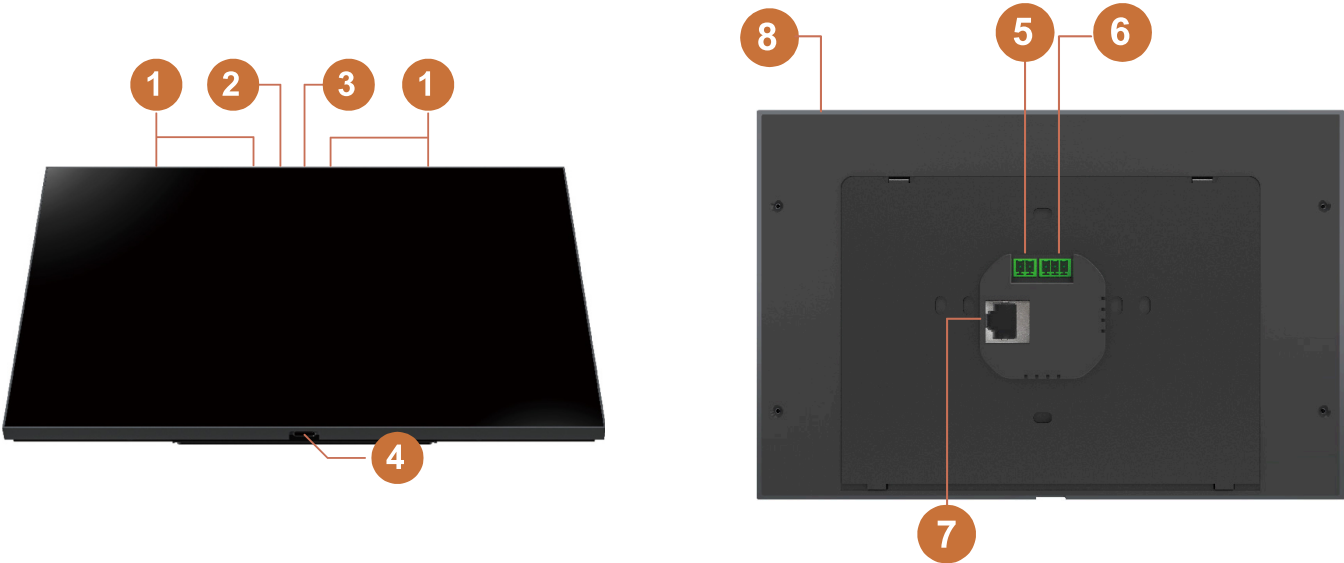
Note: Disconnect the device from the power source before installation.

The device comes with a pre-installed table-top base, however if you would like to mount it on the wall, you can follow these steps:



⚠ Wiring and Connections

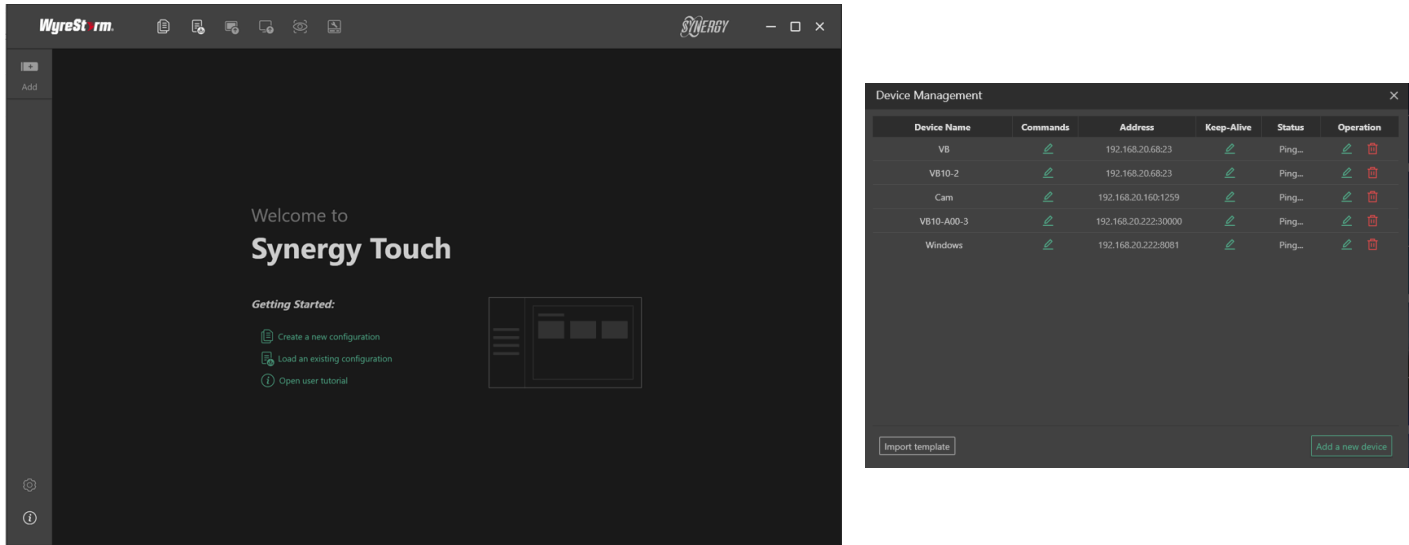
WyreStorm recommends that all wiring for the installation is run and terminated prior to making connections to the switcher. Read through this section in its entirety before running or terminating any wires to ensure proper operation and to avoid damaging the equipment.



#	Name	Description
1	Microphone	4 x microphones for picking up audio.
2	Proximity Sensor	For future use
3	Light Sensor	For future use
4	USB Type-C Connector	For Debugging
5	Power input	2-Pin phoenix connector for connecting power supply (9V~24V)
6	RS485	For future use
7	RJ45	POE capable 100Mbps ethernet
8	Power Button	Momentary button to power the device on/off

Setup and Configuration

SYN-TOUCH10 v3 is by default on DHCP, so you can use any 3rd party IP discovery tool to find it on the network. To design the GUI for the panel you need to use our Synergy Touch Application, where you can create your layout and easily send it to the touch panel via Device Management tool. It allows you to have a list of devices that you are working with, so that you can quickly update them when needed.



Specifications

General Information	
CPU	Rockchip, RK3566 Quad-core Cortex-A55
RAM	LPDDR4, 2G
Storage	Firmware/Application: 32 GB eMMC
Screen Size	10.1
Panel Type	Capacitive, G+FF Process
Resolution	1280 × 800
Connectors	RJ485: 3-Pin, 3.81mm phoenix connector, half-duplex RJ45: 10/100Mbps 2-Pin phoenix power connector USB 2.0 type-C
Brightness	270 cd/m²
Audio	4 Mic's Array
Built-In Control App	SYN-TOUCH-APP
Environmental	
Operating Temperature / Humidity	0°C ~ 40°C (32°F to 104°F), 10% to 90%, non-condensing
Storage Temperature / Humidity	-10°C ~ 60°C (-14°F to 140°F), 10% to 90%, non-condensing
Power	POE or DC 9V-24V (not included)
Power Consumption	(Maximum): 12W
Dimensions (W x H x D)	240.4mm × 159mm × 37.4mm / 9.45" × 6.26" × 1.47" (with power base)
Net Weight	1.05kg / 2.31lbs (with support base and power base)

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.

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.

