

PTL110S Pick-to-Light Demo Kit



DK-PTL110 (PN 806473) Components

Models	Description
1. PTL110S-FF100TD3-QP150-DK-MSTR	Specially configured PTL110 acting as a master
2. PTL110S-FF100TD3-QP150	PTL110 device with touch, 100 mm fixed-field sensor and display
3. LMBPTL110C	Clamp bracket attached to device; for mounting to standard 28 mm tubing
4. LMBPTL110F	Bracket for flat mounting to slotted extrusion or flat rail
5. LMBPTL110A45	Bracket for angled mounting to slotted extrusion or flat rail
6. PSW-24-1	24 V dc 1A wall wart power supply with M12 connector
	Demo Kit bag

Product Notes

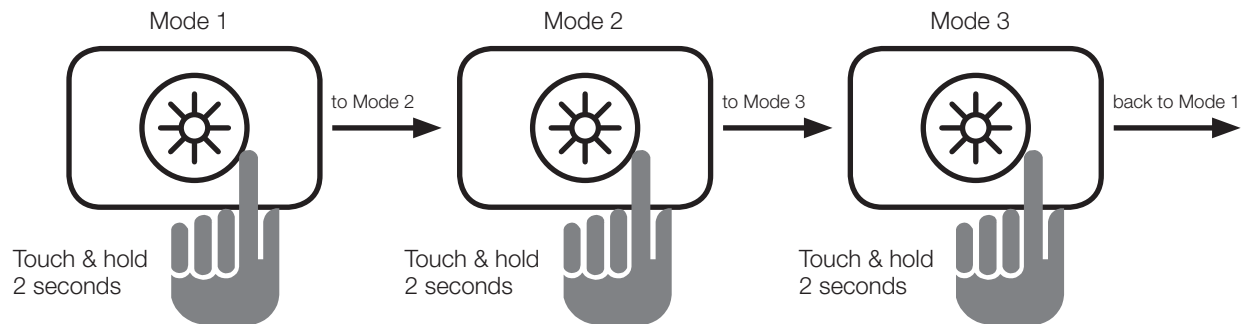
- PTL110S-FF100TD3-QP150-DK-MSTR is custom configured to act as the master device. This allows for demonstration with only connection to power.
- Touching this device for two seconds will toggle through Modes 1 – 3 continuously
- PTL110S-FF100TD3-QP150 is a standard slave device that receives a configuration from the demo master.
- These devices should remain connected, and should be used exclusively for demo purposes

Key Messages

- **FAST, SCALABLE SOLUTION TO MAXIMIZE PRODUCTIVITY:**
PICK-IQ[®] is purpose-built to sustain high speed communication even with high device counts
- **SOLVE MORE APPLICATIONS WITH FLEXIBLE PICK FUNCTIONALITY:**
The 14-color indicator with optional optical and touch sensors and display give users full control they need
- **REDUCE COSTS WITH SIMPLE MOUNTING & INSTALLATION:**
Dual M12 pigtails for direct series connection and simple brackets make installation and updates fast and easy.
- **WIRELESS COMPATIBLE FOR MOBILE AND IIOT APPLICATIONS:**
Connecting to DXM controllers and serial radios enables mobile carts and remote data collection.

Demo Instructions

1. Connect the PSW-24-1 to the master PTL110 device
2. Plug the PSW-24-1 into the wall
 - a. Both devices will enter Mode 1 and display 'Banner PTL 110' with a yellow rotating animation
 - b. Point out: display, touch, indicator, sensor, M12 male/female connectors
 - c. Clarify that the actual connection to the devices will be to a Modbus master device
 - i. The custom functionality of the master PTL110 device is only for the demo
3. Mode 1 shows a standard picking/putting/assembly application for single pieces using only the touch sensor
 - a. Touch the job active (green) device and mention the yellow acknowledge for visual confirmation of the touch
 - i. The job light will alternate between devices each time it is touched
 - b. Touch the inactive (off) device and mention the red flash mispick for visual confirmation of the error
4. Touch and hold the master device for two seconds; enter Mode 2
5. Mode 2 shows a standard picking/putting/assembly application for multiple pieces using only the optical sensor
 - a. Activate the job active (green) device and mention how the display can be used to show pick count, identify an operator or process step, or convey any other information
 - b. The yellow acknowledge light and red flash mispick also apply in this mode, and the job light functionality is the same
6. Touch and hold the master device for two seconds; enter Mode 3
7. Mode 3 shows a three-person or three-bin mixed quantity kitting operation using both sensor options
 - a. Explain the kitting scenarios where each operator corresponds to a color or the PTL color matches the bin color and the display is used to indicate pick count
 - b. Activate both devices, and repeat through the three pairs of color/display combos
8. Touch and hold the master device for two seconds; return to Mode 1
 - a. Every two second touch on the master will advance to the next mode



Mode Summary

- Hold touch for two seconds to toggle through modes
- Mode 1: Pick, touch only, no display
- Mode 2: Pick, optical only, with display
- Mode 3: Kitting, touch and optical with display