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Patents

See www.patents.datalogic.com for patent list.

Reference Documentation

For further information regarding the JOYA TOUCH 3-Slot Cradle refer to the JOYA TOUCH 3-Slot Cradle Installation Guide, downloadable from our website **www.datalogic.com**.

Service and Support

Datalogic provides several services as well as technical support through its website. Please check our website at **www.datalogic.com**. under 'Support & Services", then 'Automatic Data Capture", and click on the links indicated for further information including:

- **Downloads**
  - **Manuals** for the latest versions of user manuals and product guides.
  - **Software & Utilities** for the latest firmware release for your product. You can also click on the following link for direct access to this section: **www.datalogic.com/products_updates.**
- **Service Program** for warranty extensions and maintenance agreements.
- **Repair Centers** for a list of authorised repair centers.
- **Technical Support Automatic Data Capture** email form to contact our technical support.

Warranty Terms and Conditions

The warranty period is 1 year for the device and 90 days for consumables (e.g. battery, power supply, cable etc.) from date of purchase at our company.

JOYA TOUCH 3-Slot Cradle

Quick Start Guide

822002151 (Rev. A) Sept. 2016

See the Regulatory Addendum included with your product for additional regulatory, safety and legal information.

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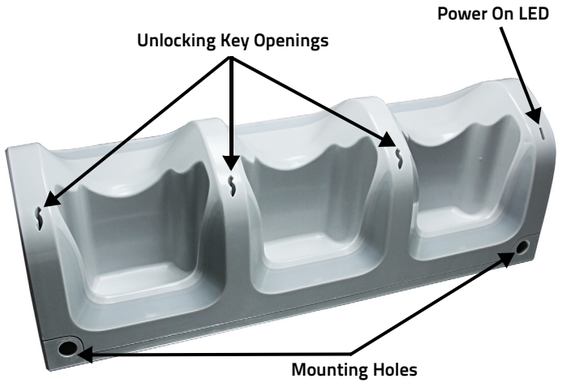
NOTE **Read this manual carefully before using the JOYA TOUCH 3-Slot Cradle. The user is responsible for any damages caused by incorrect use of the equipment or by inobservance of the indication supplied in this manual.**

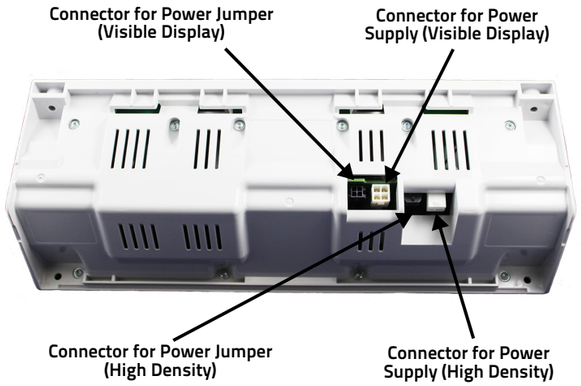
CAUTION **Keep the original packaging for use when sending products to the technical assistance center. Damage caused by improper packaging is not covered under the warranty.**

General View

Front View



Bottom View



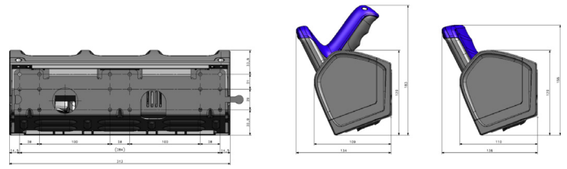
Accessories

91ACC0045	JOYA TOUCH Cradle Unlock Key (5 PCS)
91ACC0048	JOYA TOUCH 3-Slot Cradle Power Supply. Line Cord required (max 2 cradles on standard charge, max 1 cradle on fast charge)
91ACC0049	JOYA TOUCH Cradle Power Jumper (5 PCS)
91ACC0050	JOYA TOUCH 3-Slot Cradle Wall Bracket
91ACC0051	Blue Kit to convert Plus Handheld to a Pistol Grip
91ACC0052	Blue Kit to convert Plus Pistol Grip to a Handheld
91ACC0053	Blue Kit to convert Basic Handheld to a Pistol Grip
91ACC0054	Blue Kit to convert Basic Pistol Grip to a Handheld

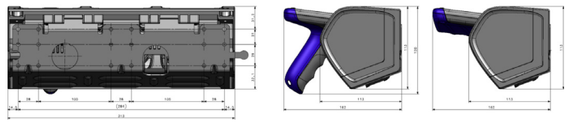
JOYA TOUCH 3-Slot Cradle Installation

There are basically two different solutions organizing the disposition of the devices:

- Visible Display Configuration

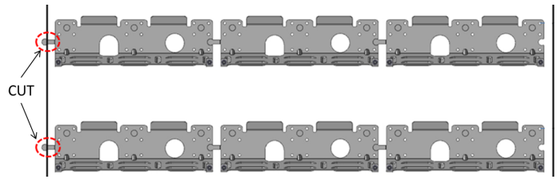


- High Density Configuration

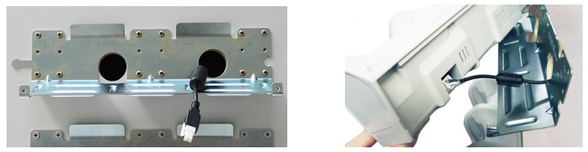


To mount the cradle on the cabinet, follow the steps below:

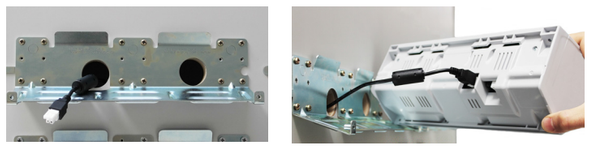
1. Mount the JOYA TOUCH 3-Slot Cradle Wall Bracket on the cabinet. The red-circled spacer in the figure below is used to set the horizontal pitch in case the panel is not pre-drilled. Remove it from the last bracket of the row by cutting along the engraving line.



2. Insert the power supply cable through the proper hole (the right hole is for visible display configuration, the left hole is for high density configuration). Connect the cradle to the power supply (see Powering the Cradle).

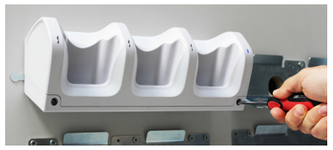


Visible Display Configuration



High Density Configuration

3. Place the cradle on the mounting bracket as shown in the following pictures. Ensure there is no gap between the bracket and the cradle. Fix the cradle to the bracket using the two screws included in the bracket's box.



Visible Display Configuration

High Density Configuration

Remove the JOYA TOUCH from the 3-Slot Cradle

The JOYA TOUCH 3-Slot Cradle can be remotely unlocked via a JOYA TOUCH command or locally unlocked using the JOYA TOUCH Cradle Unlock Key.
The Unlock Key can be used only by service.
To locally unlock the cradle and remove the JOYA TOUCH:

1. Insert the unlock key into the opening and gently press it all the way down:

2. Remove the JOYA TOUCH while keeping the unlock key pressed:

Powering the Cradle

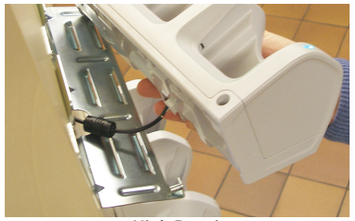
Each power supply must be mounted on its bracket inside the cabinet, as shown in the figure below:

There are two options to connect the cradle to the power supply: fast charge and standard charge.

Fast Charge

The fast charge connection allows to power one cradle with one power supply.
Plug the power supply cable into the power connector on the back of the cradle as shown in the figure below:

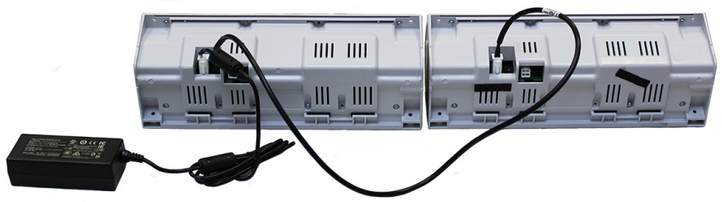
Visible Display



High Density

Standard Charge

The standard charge connection allows to power two cradles with one power supply.
To connect a second cradle use the JOYA TOUCH Cradle Power Jumper.
Connect the power supply to the first cradle and then use the power jumper to connect the first cradle to the second cradle as shown in the figure below:



Radio Technologies and Frequency Bands

JOYA TOUCH 3-SLOT CRADLE incorporates the following radio technologies and supports the corresponding frequencies, as specified below:

Radio Technology	Frequency Bands
NFC (Near Field Communication)	13.56MHz
Wireless Charging (Transmitter)	130kHz

LED Indicators

LED	Status
Power On (External)	
Solid blue	Dock is powered.
User LED (Internal)	
Flash green for 150 ms (all slots in sequence)	Cradle application start.
Flash green for 300 ms (single slot)	Device properly locked in.
Solid green (single slot)	JOYA TOUCH command protocol specific commands: CMD_UNLOCK_WITH_LED_ON CMD_LOCK_WITH_LED_OFF
Maintenance LED (Internal)	
Blink red slow (single slot)	WLC fail.
Blink red slow (single slot)	Generic Hw fail.
Blink red every 150 ms (all slots)	Generic logic error.
Solid red (middle slot only)	Firmware update.

Technical Specifications

Electrical Features	
Consumption	12V 5A
Indicators	Power on LED (blue) User LED (green) Maintenance LED (red)
Charge Time	Fast charge: 1h 40min Standard charge: 6h
Environmental Features	
Operating Temperature*	-10° +50°C (14° to 122°F)
Storage Temperature	-20/70°C
Humidity**	95% non condensing for temperatures < 40 °C
Mechanical Features	
Dimensions	Cradle - Visible Display: 313x120x110mm/ 12.32x4.72x4.33in
	Cradle with JOYA TOUCH Handheld - Visible Display: 313x155x136mm/ 12.32x6.10x5.35in
	Cradle with JOYA TOUCH Gun - Visible Display: 313x183x134mm/ 12.32x7.20x5.28in
	Cradle - High Density: 313x113x113mm/ 12.32x4.45x4.45in
	Cradle with JOYA TOUCH Handheld - High Density: 313x113x162/ 12.32x4.45x6.38in
	Cradle with JOYA TOUCH Gun - High Density: 313x113x162/ 12.32x4.45x6.38in
Weight	Cradle: 1280g/ 45.15oz
	Cradle with Bracket: 1690g/ 59.61oz
	Cradle with Bracket and n.3 JOYA TOUCH Gun inserted: 2590g/ 91.36oz
	Cradle with Bracket and n.3 JOYA TOUCH Handheld inserted: 2545g/ 89.77oz

* The JOYA TOUCH should be charged at an ambient temperature between 0 - 35° C to achieve the maximum charging rate. Never charge the main device in a closed space where excessive heat can build up. Close to the limits of the working temperature, some display and/or battery performance degradation may occur.

** Multiple rapid humidity and/or temperature variations may cause condensing.