



iTeach[®] Syncing & Charging Cart Owner's Manual

Touchboards

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Physical Features

Exterior Features:

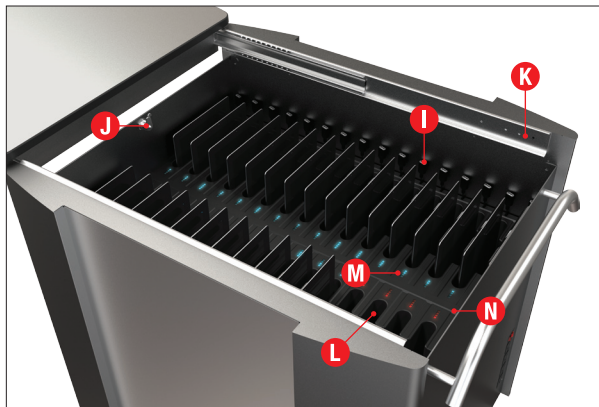
- A** Sliding work surface cart door
- B** Keyed security lock
- C** Ventilation slots on underside
- D** Two full locking swivel casters
- E** Receptacle for AC power cord
- F** Four-outlet auxiliary power strip
- G** Curved ergonomic push handle
- H** Power cord wrap hooks

Interior Features:

- I** USB connector for device cable
- J** Keyed security lock
- K** Self-closing door slides
- L** 32 vertical easy load slots
- M** LED charge indicators
- N** Sync cord



LEDs shown lit for illustration purposes only.



Open

Closed

Getting Started

Electrical Testing

- Before using your new iTeach® Syncing & Charging Cart, have a qualified electrician verify the current draw does not exceed the rating of the unit when all the devices are installed.
- Test the branch circuit for ground integrity and branch circuit protection.
- Do not plug in the unit if the receptacle or power cord have been damaged, or if the ground prong is missing from the AC plug. If repairs are ever needed, they should be performed by a qualified electrician.

Safety First!

- This unit must always be used by adults or with adult supervision.
- Liquids should not be in, on, or around the iTeach Syncing & Charging Cart.
- Do not use outdoors.
- Do not use the unit if the cord appears to be damaged or if the ground prong is missing. When the unit is not plugged in, wrap the power cord around the cord wraps.
- Do not use an extension cord with this unit.
- Do not use the power cord to pull the cart.

First Steps

- Remove packing materials and loose components, including the power cord, lock keys, and printed cart documentation.
- Always use a qualified electrical circuit to be sure you are powering the cart properly and in accordance to the cart's specifications and requirements.

- Read owner's manual and understand safe use guidelines before operating cart to ensure personal safety.
- Plug AC power cord into receptacle on back of cart. Plug AC power cord into wall outlet. Cart will power ON.
- Release lock and slide top open to reveal 32 vertical device slots.
- Red LED indicators should be lit to indicate power to the cart.
- Plug desired device cords into exposed USB ports. Use cord management wraps to organize the cords.
- Slide up to 32 devices into slots with power port side up, and plug corresponding cord into device.
- LED indicators will change color based on charge time of device. See technical specs on page 5 for LED charging indication.



Syncing Setup

- Using a Mac as a host, the iTeach Syncing & Charging Cart can be used with Apple iTunes for connecting multiple iPads, iPod Touch, or similar devices, thus allowing you to synchronize supported content on multiple Apple devices simultaneously.
- For other applications, the cart can be used as a USB hub with Windows, Linux, and Mac operating systems, but it may have software limitations with a non-Mac host.
- Syncs tablets using the built-in USB master cable located in the tablet bay on the handle side of the cart.
- Syncing can be performed using a Macintosh or PC laptop.
- Cart automatically switches from charging to trickle charging and syncing mode when the laptop is plugged into the USB outlet on the cart. USB cable must be unplugged from the cart to return to full charging mode.
- Can be set up and configured using Apple Configurator software available from Apple. Can be synced using iTunes software (version 9.1 or later) available from Apple.
- Syncing time will vary by the number of devices and the amount of data being transferred.



Cart Operation

The iTeach® Syncing & Charging Cart is designed to charge Apple iPad devices, Apple iPod Touch devices, Samsung Galaxy tablets, Amazon Kindle, Barnes and Noble Nook, and other devices that support charging via USB. Multiple brands can be mixed within the iTeach Syncing & Charging Cart. Please contact MooreCo at 1-800-749-2258 for additional compatibility information.

Before using the iTeach Syncing & Charging Cart, it must be plugged into an AC outlet (100-120 VAC, 60Hz) with a minimum of 15 Amp rating. The iTeach Syncing & Charging Cart uses a maximum of 10.0 Amps, but should be powered by an outlet with extra capacity.

Prior to opening or using the iTeach Syncing & Charging Cart, the locks on the two locking casters should be engaged to prevent the cart from moving. The two locking casters are located on the end of the cart with the handle. Any time the cart needs to be moved, the two locks on the locking casters must be disengaged.

The iTeach Syncing & Charging Cart top is a convenient work surface, but designed for use only when closed. Please slide to a fully closed position prior to use as a work surface.

Each charging port consists of a row of four LEDs and a charging cable ending with a female USB Type A connector. In order to charge a particular type of device, the corresponding style cable must be plugged into the charging cable. For example, an Apple iPad cable is required for charging an iPad.

As a tablet is charged, additional blue LEDs will appear to indicate charging time. One blue LED is visible for the initial 90 minutes (1.5 hours) of charging. After 90 minutes, a second blue LED appears. Once an additional 90 minutes has passed, a third blue LED lights up. The fourth blue LED becomes visible after the tablet has been charged 4.5 hours.

The following list summarizes the meaning of each LED status indication:

1 red LED: Nothing connected

1 blue LED: tablet connected, less than 1.5 hours charge time

2 blue LEDs: tablet connected, charge time between 1.5 and 3 hours

3 blue LEDs: tablet connected, charge time between 3 and 4.5 hours

4 blue LEDs: tablet connected, charge time more than 4.5 hours

Upper/Lower Blue: Syncing

Any time the iTeach Syncing & Charging Cart has power, each port should display one of the LED indications above.

The iTeach Syncing & Charging Cart does not have a power switch. Therefore, it must be unplugged from the AC outlet to be turned off.

In the event that the iTeach Syncing & Charging Cart is plugged into an AC outlet without lighting any LEDs, the cart is not receiving power. This can be caused by a blown fuse located inside the AC receptacle of the iTeach Syncing & Charging Cart, or by a problem with the AC outlet (such as a blown breaker). In such circumstances, a properly trained technician should be contacted to address the situation. The fuse type used in the iTeach Syncing & Charging Cart is a F 10AL 250V (Fast Acting/Fast Blow, 10 Amp, Low Breaking Capacity, 250 Volt).

Technical Specifications

Item	Specification
Body	Powder-coated steel
Top	Coordinating HPL with edgebanding and keyed locking device
Casters	Extra durable 5" swivel casters, two locking
Tablet Compartments	Six stage LED light indicators in cushioned tablet slots. LED attached/detached indicator. Slots measure 12.26"H x 8.2"W x .96"D. Hold tablet and case up to .875" thick.
Handles	Full width angular handle for maneuvering, fits through all standard doorways.
Capacity	32 tablets
Recommended Devices	Versions of the Apple iPad, Apple iPad Mini, Kindle Fire, Barnes & Noble Nook, HP TouchPad, Dell Streak, Samsung Galaxy. Call for assistance with specific device compatibility.
Input	100-120 VAC at 10 amps, 50-60 Hz
Output	32 x 5 VDC at 2.1A
Profile	Automatic charger emulation profile cycling for USB-IF BC1.2DCP (Android), YD/T-1591 (Apple iPad and iPhone), and RIM (Blackberry) devices. Firmware is upgradable for future devices. Contact MooreCo for firmware update options.
Operating Ambient Temperature:	32° to 95° F (0° to 35° C)
Nonoperating Ambient Temperature:	-4° to 113° F (-20° to 45° C)
Relative Humidity:	5% to 95% noncondensing
Dimensions	36"H x 26"W x 34.5"D
Weight	245 lbs
Exterior	Additional 4 outlet power strip accessory with on/off switch
Cord	6 ft power cord
Certification	IEC 60950-1
Warranty	10 year cart and 2 year electrical
Shipping	Ships fully assembled
LED Indicator Details	1 red LED: No device charging
	1 blue LED: Device charging for less than 1.5 hours
	2 blue LEDs: Device charging between 1.5 and 3 hours
	3 blue LEDs: Device charging between 3 and 4.5 hours
	4 blue LEDs: Device charging more than 4.5 hours
	Upper/lower blue: Syncing

Safety



CAUTION Cart Use

- Ensure cart is closed and locked before moving.
- Keep fingers clear of sliding door.
- MooreCo, Inc. does not accept liability for damage to cart if misused, inadequately repaired, or modified. Any of the above will void warranty.
- Do not tilt or operate cart on a slope.
- Use of cart is intended for adults only. Do not allow use by children or students unless fully supervised by a responsible adult.
- Do not sit on or exceed cart weight limit.
- Do not use sliding top as work surface unless completely closed.
- Cart is designed for indoor use only.
- Be sure all external power cords are unplugged and correctly stored before moving cart.
- Keep casters locked when cart is stationary.
- Do not run cords in high traffic areas or through doorways, hallways, holes in ceilings, walls, or floors.
- Cart is designed to be pushed. Do not pull.



ELECTRICAL Electrical Safety



WARNING: Failure to follow electrical guidelines may result in fire, injury, or electrical shock.

- Be sure not to exceed electrical rating of 10 amps.
- Do not plug in or use unit if any power plug or electrical cord has been damaged.
- Contact MooreCo or qualified electrician before attempting to perform any sort of maintenance or modification to cart electronics.
- Do not plug cart into extension cord or movable power strip.
- Do not remove or modify any prongs or pins of power cord in any way.
- Keep all liquids away from cart. Do not use cart if wet.
- Do not operate near flammable materials.
- Do not block ventilation of cart. Proper airflow is required to avoid overheating or damage to cart.

Trouble Shooting

Technical changes are not intended to be performed by anyone other than a qualified professional. Please contact MooreCo, Inc. or seek a qualified professional for assistance.

Warranty

MooreCo, Inc. offers ten (10) years of limited coverage for non-electrical components, and two (2) years on all electrical components. Visit www.moorecoinc.com/core/warranties/iTeach_Products_Warranty.pdf for information.



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