8-Port USB 2.0 Hi-Power Charging Hub

The 8-Port Charging hub is a solution for quick charging or sync up to 8 iPads, iPhones iPods and USB charging devices operating simultaneously; this is a perfect tool to effectively perform Sync/Charge Mode switching. Also is ideal for medium capacity USB station in-house that enables charging and syncing at a time. Places such as school's classroom, businesses conference or meeting in organizations.

Features

- Compliant with USB Battery Charging Spec 1.2
- Enables to provide up to 1.5A at Sync (CDP mode) or 2.4A at Charge (DCP mode) output current on each port.
- Supports the iOS, Android devices.
- Enables Sync/Charge mode switching upon manually connecting or disconnecting host port.
- If all devices are fully charged at Charge Mode, the unit would cut off the ports LED & power automatically.
- Intelligently detects the power current of each port by the sensing meter with firmware, and enables the port's LED to illuminate its corresponding color. (Charging in progress: red; Disconnected or Fully charged: green)
- It may daisy-chain cascade the 8-Port Charging hub up to 6 units. (Total 7 units connection)
- Supports Over-Current Protection and ±15kV (air), ±8kV (contact) ESD protection on each port.
- Supports 40A (5/50ns) & Peak Pulse Power 60W (8/20 us) Surge and Transient spikes protection on each port.
- For the High-temp protection, if the unit's high temperature is over the setting, it would cut off all the output current immediately. At the mean time, the whole LEDs of the 8 ports would be green blinking.

Specification

Model No.		USB-0824BC
Current per Port	CDP Mode	DC5V 1.5A
	DCP Mode	DC5V 2.4A
Speed		480/12/1.5 Mbps
USB Specification		USB 2.0/1.1/1.0 compliant
Connector	Upstream	USB B Female
	Downstream	USB A Female x 8
	Cascade	USB A Female x 2
Power Supply		DC24V 5A (120W)
LED	Charge Mode	Charging in progress: Red Color x 8
		Disconnected or Fully charged: Green Color x 8
	SYNC Mode	Orange Color x 8
Operating Temperature		0 ~ 40℃
Housing		Aluminum
Dimension (L x W x H)		170 x 94.5 x 30mm