



## SYNC™ PoE / ETHERNET ADAPTER WITH BATTERY MODULATION AND NETWORK RECOVERY

The LAVASync+ PE is the second generation of our SimulCharge adapters and is designed specifically for USB-C type Samsung mobile phones and tablets.

This adapter provides a complete connectivity solution by using our custom Sync™ technology to simultaneously charge and support data while connected to a mobile phone or tablet. Featuring Ethernet, Power over Ethernet (PoE), Battery Modulation technology, and improved network operation, the LAVASync+ PE adapter is ideal for commercial grade mobile applications.

For the most up-to-date list of tested Samsung mobile phones and tablets, please visit our website at [www.lavalink.com](http://www.lavalink.com).



	<p><b>SYNC TECHNOLOGY</b> The LAVASync+ adapters operate a mobile device in Sync mode. This technology allows the charging of the select USB-C type mobile phones and tablets while interacting with USB accessories.</p>		<p><b>WIRED NETWORK</b> 10/100 Fast Ethernet interface enhances the reliability and the security of the internet connection.</p>
	<p><b>BATTERY MODULATION</b> Battery modulation protects the tablet battery from overcharging to maximize your kiosk operational lifespan.</p>		<p><b>POWER OVER ETHERNET (POE)</b> Power over Ethernet (PoE) allows network data and electrical power to be carried over an Ethernet cable, eliminating the need for an electrician to install a dedicated power drop.</p>
	<p><b>NETWORK RECOVERY</b> Network Recovery Operation enables tablet recovery from failed attempts to connect to the network.</p>		<p><b>SCREEN BRIGHTNESS MANAGEMENT</b> LAVA Tablet Manager lets you control the brightness of the mobile device based on the time of the day.</p>

### PRODUCT FEATURES

- › Simultaneous USB host and charging for select Samsung mobile phone and tablets
- › Battery Modulation to protect the mobile device battery from overcharging
- › Support for installations running 24/7
- › Wired Networking (10/100 Ethernet) support
- › Stable network connectivity with Network Recovery feature
- › Power over Ethernet (Class 0)
- › Allows for installation for up to 328 ft (100m) from power source
- › Screen Brightness Management
- › Option to use original power brick
- › No tablet rooting required
- › LAVA Limited Warranty

### SYSTEM REQUIREMENTS

Mobile Device:	Please refer to the tested mobile phones and tablets list that can be found at <a href="http://www.lavalink.com">www.lavalink.com</a>	
Power Supply:	RJ-45 PoE connector (Ethernet LAN and power). The Aux. 5V Input optional for a testing purpose (no PoE is applied)	
Ports/Connectors:	1 x RJ45 10/100 Ethernet port (for PoE & LAN) 1 x USB C port (for Tablet connection) 1 x Micro USB B port (the Aux. 5V input) 1 x Charge Status LED	1 x Device Link LED 1 x Ethernet Link/Activity LED 1 x Tablet USB Activity LED
Cables:	1 x USB C to USB C cable (up to 6.6 ft/2 m) to the mobile phone or tablet. Note: The cable is not included.	
Measurements:	Depth: 1.69 inches (42 mm) Width: 3.78 inches (96 mm)	Height: 4.96 inches (126 mm) Weight: 4.2 oz

LAVA Computers MFG. Inc. designs and manufactures computing interfaces and devices for the Point of Sale, Kiosk, Gaming, Industrial Automation, Security and Access Control industries, and has been doing so since 1984. As experts in serial interfaces for PCI, PCIe, ISA, USB, and Ethernet buses, LAVA builds tablet PoE/USB/LAN devices, Ethernet-to-serial device servers, serial/parallel I/O boards, and embedded IoT/M2M connectivity devices.

With over a million LAVA products built into workstations, servers, retail POS systems, and industrial computers, LAVA products are trusted by resellers, distributors, OEMs and system builders in over 47 countries worldwide.