nSTS-1U

1-PORT SIMULCHARGE™ USB ADAPTER WITH DOCKING DETECT FOR SAMSUNG TABLETS

PRODUCT DETAILS

The nSTS-1U is an adapter for Samsung tablets* that features one USB 2.0 (Type-A) port, Simulcharge technology that lets tablets charge and at the same time support USB peripherals, and the newest LAVA development adds Docking Detect for automatic tablet and LAVA board connection. The adapter comes with an enclosure.

AVAILABLE WITH AN OPTIONAL BUILT-IN VOLTAGE CONVERTER
Allows an external 9 V up to 36 V DC power supply to be placed up to 50 feet away from the tablet.

APPLICATION

The nSTS board is ideal for situations where tablets need power and the ability to support USB accessories in a situation when power sequences cannot always be followed. If you intend to plug your tablet solution in and out of power often, this board will meet your installation requirements.

SimulCharge™

The nSTS-1U operates a tablet in SimulCharge mode. This technology allows the charging of the selected Samsung tablets while interacting with USB accessories.

Docking Detect

The Docking Detect feature ensures that when the adapter is plugged into the tablet, the tablet recognizes that the adapter is present. This feature is a re-imagined form of Plug-n-Play; when the tablet solution, the tablet along with the adapter, is plugged into or out of power, the tablet will know.

USB Peripherals Integration

LAVA adapters allow a Samsung tablet to be integrated into a kiosk installation with multiple USB devices such as magnetic card readers, NFC readers, printers, barcode scanners, keyboard, and other USB-enabled peripherals.

PRODUCT FEATURES

❯ Simultaneous USB host and charging for selected Samsung tablets
❯ Docking detect for a tablet connection
❯ Works with out-of-the-box (unrooted) tablets
❯ Powered by a standard USB Charger/Power Supply through a Micro USB-B receptacle
❯ Can be powered by a USB Battery Pack (aka Power Bank)
❯ Available with an optional built-in voltage converter.

❯ Prevents power drain from the tablet to USB peripherals in the event of power loss
❯ 1 x USB 2.0 port
❯ Adapter enclosure included
❯ LAVA Limited Warranty

SYSTEM REQUIREMENTS

Tablet:	Please refer to the tested tablet list that can be found at www.lavalink.com
Power Supply:	USB Charger/Power Supply with a Micro USB-B connector, such as the power supply provided with the Galaxy tablet. Any regulated 5 volt power supply capable of at least 2 amperes can be used. When using the optional Barrel Jack, an unregulated 12V up to 24V DC power supply is recommended.
Ports/Connectors:	1 x USB A port (for USB 2.0 accessories) 1 x Micro USB B port (the 5V power input) 1 x Micro USB B port (for Tablet connection) 1 x Charge State LED **OPTIONAL:** 1 X Barrel (2 mm) DC Output Connector (Centre Pin Positive)
Cables:	1 x Micro USB B to Micro USB B cable (8"/20 cm) Note: The custom 8"/20 cm cable connects the device to the tablet. This cable may not be extended.
Measurements:	Depth: 3.3 inches (83 mm) Height: 1.7 inches (44 mm) – with standoffs Width: 3.8 inches (97 mm) Weight: 4.1 oz