

Operating Instructions

6125 ChargeConnect 16 Universal USB Sync with Intelligent Charge



Loxit's ChargeConnect 16 Universal USB with Intelligent Charge device is a professional quality sync/charge device which is designed to perform two functions.

Charge

Firstly it is a professional grade universal USB charger which is able to output max 2.1A per port continuously. When a device is plugged into one of the ports, the processor profiles the device and ascertains the correct amount of charge to deliver to the individual device. This profiling takes place on each port.

This means that you are able to mix and match devices from different manufacturers and charge all at the same time. This could include tablets, mobile phones, e-readers, 3-D glasses, GPS devices, cameras etc, anything that is able to be charged by USB.

The Intelligent Charge then analyzes the charging profiles and when the devices are fully charged, it cuts the power off to the devices and indicates via a blue flashing light that all devices are now fully charged and ready to be used.

Sync

The second function is to synchronize.

The ability for a device to synchronise depends on the manufacturer or third party support for this.

If the tablet's manufacturer or a third party has produced software allowing the devices to be synchronised in large numbers, then the ChargeConnect 16 will perform this.

For example, Apple's Configurator software allows up to 30 Apple devices to sync simultaneously when using a Mac computer. When using a Windows based PC, this is restricted to 7 at a time.

Therefore, dependent upon the manufacturer's software, the ChargeConnect 16 is able to charge and sync up to 16 devices at once and provides a professional quality solution for the management of multiple devices.

Checks

Before commencing, ensure that all devices are connected to the USB Sync/Charge device via the USB cables.

Press the Reset button on the RCD at the mains plug socket if applicable.

Press the rocker (ON/OFF) switch, found on top of the Sync/Charge device, to ON. The switch will illuminate red.

The circular switch will also illuminate solid red notifying it is in on and in Standby Mode.

Syncing

If the devices require syncing, connect the USB A to B cable from the Sync/Charge Device to a host computer where the devices are registered on iTunes.

Press the circular switch which is illuminated solid red. The button will begin flashing red and iTunes will open automatically and list the devices registered to the account.

Sync will begin automatically if this iTunes option is selected.

Once Sync has completed, eject the devices through iTunes and disconnect the USB cable.

Commence Charging

If Sync has already completed, simply remove the USB cable and charging will commence. This will be indicated on each device displaying the charging icon.

If the button has not already been pressed to commence Sync, press the button now and it will flash red. Charging has now started. This will continue to flash until the charging is either interrupted or completed.

Charging Completed

Once the iPads/Laptops are fully charged, the power will automatically be switched off to the iPads/Laptops and the button will illuminate in a flashing blue, indicating the laptops are charged.

Interrupt Charging

Should the trolley be required to be taken out of charge mode before charging is completed (for example to use a partially charged iPad/Laptops), hold down the button for 5 seconds until the colour returns to solid red. This indicates that the charging circuit is now in standby mode.

Resume Charging

To resume charging, press the red button and it will flash red, indicating that the iPads/Laptops are charging once more.



Reset After Laptops Are Fully Charged

To start charging after a full charge cycle has been completed, switch off the power at the rocker switch and switch on again to reset the process.

NOTE:

As a safety feature, the timer is set to automatically turn off the charging after 12 hours or when the iPads/Laptops are fully charged, whichever is soonest.

Do not forget to eject the iPads via iTunes before disconnecting the USB cable.

WARNING

Do not open the casing of the Sync/Intelligent Charge Device. It contains live electrical elements.

Operating temperature 5 - 45 degrees Celsius.

Adequate ventilation must be provided to allow intake and output of air flow.

Do not cover ventilation holes.

Do not touch USB ports directly.

TECHNICAL SPECIFICATIONS

Input: 85-264 VAC/ 3,5A/ 47-63Hz.

Out: 5.25VDC/ 30A

Max operating temperature: 70 degrees Celsius (derating above 50 degrees Celsius).