STICK
SUNLITE TOUCH-SENSITIVE INTELLIGENT CONTROL KEYPAD

Sunlite Touch-sensitive Intelligent Control Keypad	Ref. STICK-KU1	Page 1/3
Technical datasheet	Revision date 20 OCT 2008	www.nicolaudie.com	Version 1.11

128 mm

168 mm

11,5 mm

- Touch-sensitive user interface
- Compatible with any electrical backbox
- Extension socket rear connectors (2x20 pins)
- Screw-terminal rear connector (9 pins)
- Front access connections (open cover)

reset button — mini USB — power led — power switch — mini sdcard — data led

Always unplug the USB cable before using the power switch

Package	Interface, sdcard, manual, cdrom, usb cable, power supply (*)
PC requirement	Computer using Windows XP/VISTA 32 bits and USB 2.0
Software	Included : ESA (easy stand alone) and ESA PRO
Available colors	Frame (black or white), Image (black or white), more versions (**)
Options	Dedicated remote control (**), Ethernet extension (***)
Standards	EC, EMC, ROHS
Image size	Standard 150x110mm picture, contact us for a sample profile
Temperature	-10ºC to 50ºC
Dimensions	168x128x11,5 mm Complete package 250x150x55 mm
Weight	0,2 kg 0.44 lbs Complete package 0,6 kg 1.32 lbs

SPECIFICATIONS / CONNECTIONS

		Built-in features	screw-terminal rear connector (9 pins)	extension socket rear connectors (2x20 pins)	front access connections (open cover)
Power Supply	9V DC 0.65A, supplied (*)		•		power switch
DMX Output #1	First universe, 512 channels DMX512 output		•	•	
DMX Output #2	Second universe, 512 channels DMX512 output (**)			•	
USB	USB 2.0 communication for PC/software				•
Ethernet	Advanced networking features (***)			•	
Ports 1,2,3,4	4 Contact closure inputs, connect to ground for operating		•	•	
Ports 5,6,7,8	4 Contact closure inputs, connect to ground for operating			•	
User interface	14 buttons, 1 fader, 28 leds (Touch-sensitive keypad)	•			power/data leds
SDCARD	Mini sd card for stand alone memory use (supplied)				•
RESET	Push button for reset operation				•
RS232	RS232 Serial communication for external synchronisation			•	
Output relay	Automatic Stand bye 5V signal			•	
Clock	Real time clock and calendar, 10 minutes saving without power	•			
Infrared receiver	Easy learning triggering from any 36Khz remote control (*)	•			
Microphone	Built-in microphone for sound to light effect (**)	•			
Audio input	Audio input for sound to light effect (**)			•	

(*) Available in Nov/Dec 2008   (**) Available in Jan/Feb 2009   (***) Advanced networking features available in middle of 2009
Some future features just need a firmware upgrading,   Some future features may need a free exchange of the electronic card.
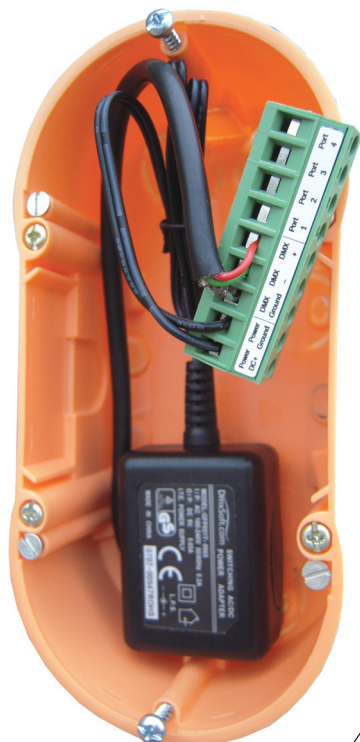
EASY INSTALLATION

PORT 1,2,3,4 : If your application need to have some external contact closures, make the contacts between the ground and the ports
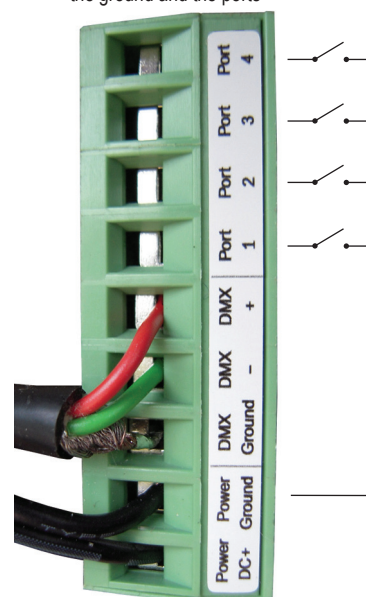
1. Mount an electrical box inside the wall

The S.T.I.C.K. controller can be installed in any standard electrical backbox. If you use a double size box, you can insert the power supply inside.

2. Connect the wires

DMX: Connect the DMX cable to the lighting receivers (Leds, Dimmers, Fixtures..)
(for XLR: 1=ground 2=dmx- 3=dmx+)

POWER: Connect a 9V DC 0.65A.
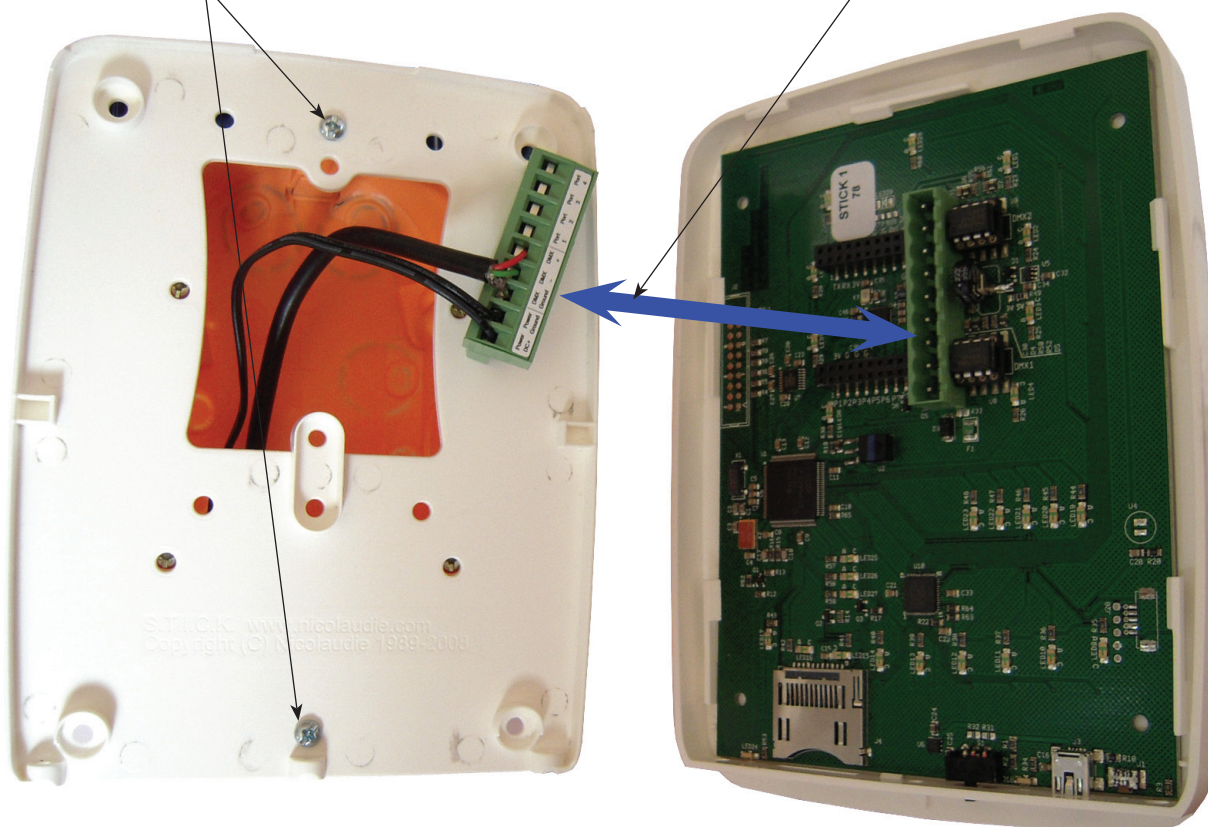Be sure to not invert the + and the ground.

3. Mount the interface on the wall

First, mount the back side of the interface on the wall with 2 or more screws

Secondly, plug the 2 connectors (see blue arrow)
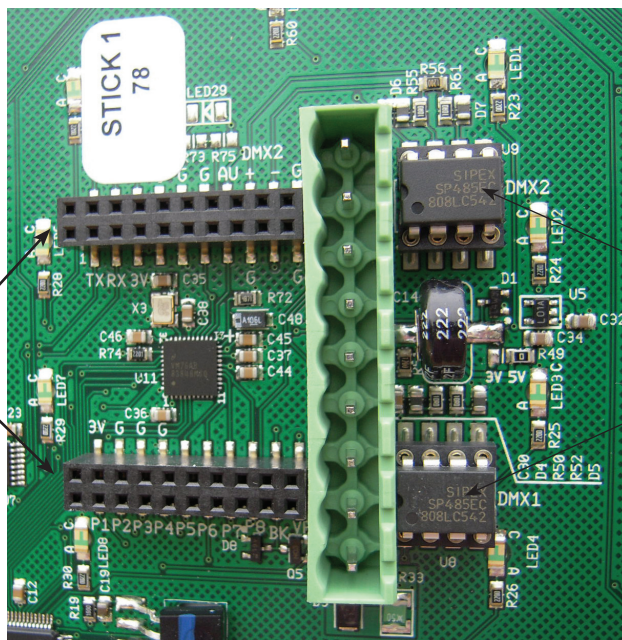
Then, close the interface, using one screw

ADVANCED INFORMATION

RESERVED

Do not use the 2 extension socket rear connectors without our permission. Thanks.

DMX CHIPS

DMX #2 universe

DMX #1 universe