128 mm

168 mm

11,5 mm

A B C D E

dimmer
speed
color

SELECT

Touch-sensitive
user interface

Extension socket
rear connectors
(2x10 pins)

Ethernet socket
(RJ45)

Screw-terminal
rear connector
(9 pins)

Front access
connections
(open cover)

reset button | mini USB | power led | on / off switch | micro sdcard | data led

Package	Interface, sdcard, datasheet, cdrom, usb cable
Software	ESA + ESA PRO on PC/Windows, ESA2 on PC + MAC
Application	ARCOLIS + AURORA REMOTE on iPhone/iPad/Android
Available colors	Frame (black or white)
Options	Dedicated remote control (*), Power supply (*)
Standards	EC, EMC, ROHS, ETL, UL (some are in process)
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 (2x10 pins)	front access connections (open cover)
Power Supply	9V DC 0.65A, supplied		•		USB
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	Micro 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 by 5V signal			•	
Clock	Real time clock and calendar, 10 minutes saving without power	•			
Infrared receiver	Easy learning triggering from any 36Khz remote control	•			

EASY INSTALLATION

## 1. Mount an electrical box inside the wall

The AURORA controller can be installed in any standard electrical backbox. If you use a double size box, you can insert the power supply inside.
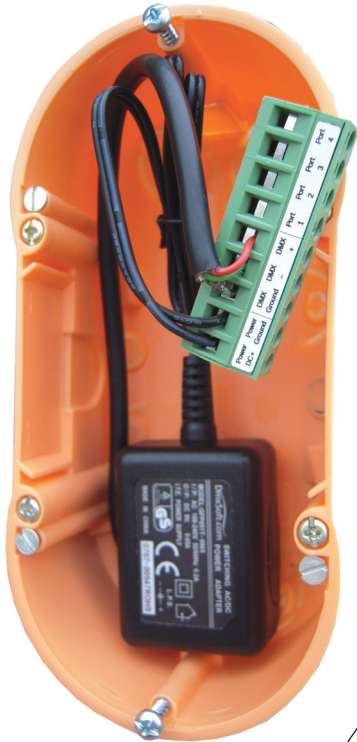
2. Connect the wires

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.
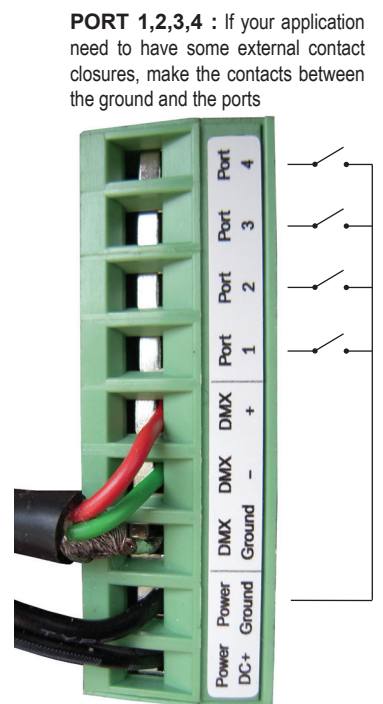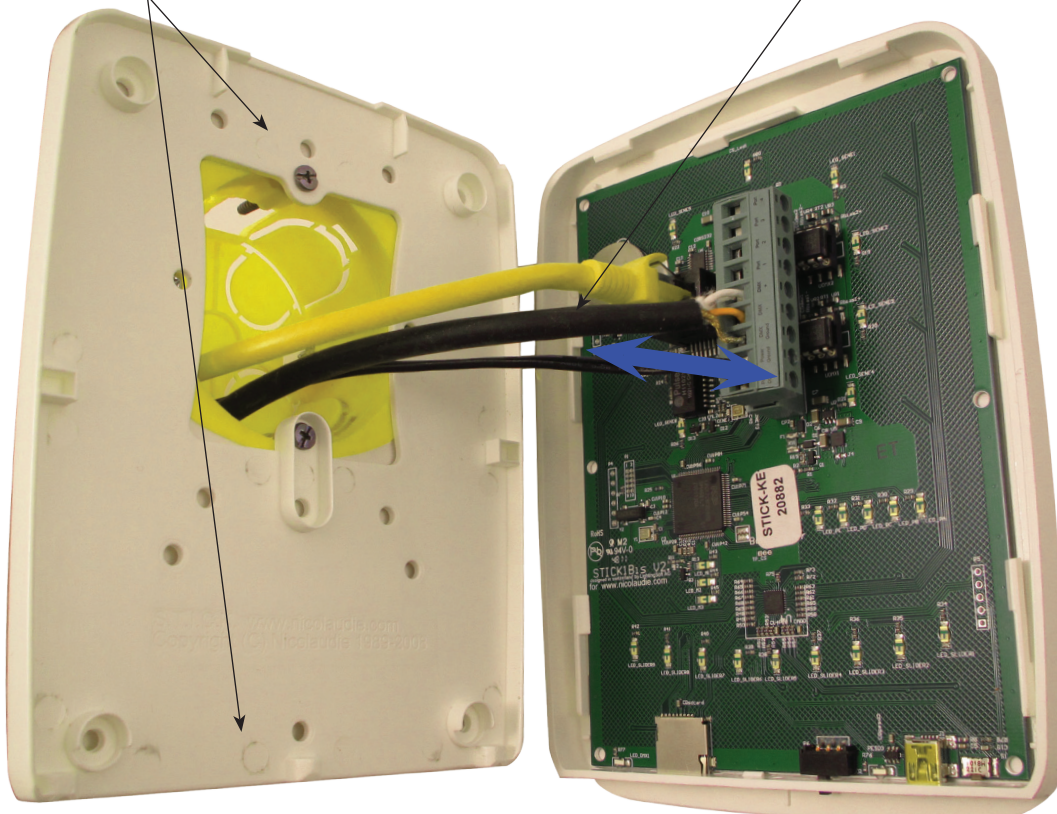
3. Mount the interface on the wall

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

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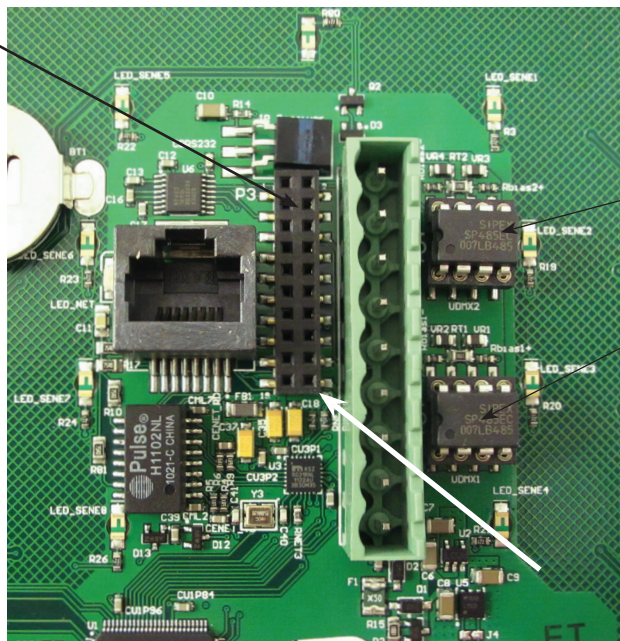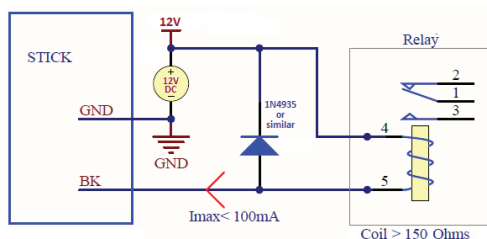
Then, close the interface, using one screw

2x10 pins EXTENSION connector

P3

RS232_TX	1 2	GND_DMX
RS232_RX	3 4	DMX1-
PORT7	5 6	DMX1+
PORT6	7 8	DMX2-
PORT5	9 10	DMX2+
PORT4	11 12	Relay
PORT3	13 14	3.3V
PORT2	15 16	IR_RX
PORT1	17 18	GND
PORT0	19 20	VIN

You can easily replace DMX CHIPS

DMX universe #2

DMX universe #1

Ref:
SP485ECP-L
MAX485CPA+

PORTS 1 to 8   make contacts
between G (GND) and P1..P8

BLACKOUT relay (energy save)
using the 2 pins : BK and G (GND)

Example of relay : FINDER
Ref. 22.23.9.012.4000
http://www.findernet.com/fr/products/
profiles.php?serie=22&lang=en

RS232 trigerring

Make a cable using the 3 pins : TX, RX and G (GND)
Set the RS232 parameters to : 9600bds 8 bits, no Parity, 2 Stop bits

- To play a scene, send 3 bytes :	**1**	**x**	**255**	(x = scene number)
- To stop a scene, send 3 bytes :	**2**	**x**	**255**	(x = scene number)
- To pause a scene, send 3 bytes :	**3**	**x**	**255**	(x = scene number)
- To release a pause, send 3 bytes :	**4**	**x**	**255**	(x = scene number)
- To reset a scene, send 3 bytes :	**5**	**x**	**255**	(x = scene number)

Note: the scene number (x) can be from 1 to 40. For instance, 11 means Page B Scene #3

SOFTWARE and LINKS

ARCOLIS sofware (iPhone/iPad)	http://itunes.apple.com/en/app/arcolis/id495161115?mt=8
ARCOLIS software (Android)	https://play.google.com/store/search?q=arcolis
ESA, ESAPRO software (Windows)	www.impactlightinginc.com/software.php
ESA2 software (Windows, Mac)	www.impactlightinginc.com/software.php
ESA, ESAPRO manuals	www.impactlightinginc.com/software.php
STICK REMOTE	www.lightingsoft.com

Remote application for iPhone/iPad, Android, Windows

STICK
SUNLITE TOUCH-SENSITIVE INTELLIGENT CONTROL KEYPAD

Sunlite Touch-sensitive Intelligent Control Keypad	Ref. STICK-KE1	Page 4/4
Technical datasheet	Revision date 16 May 2012 www.nicolaudie.com	Version 1.0

Some functions are available directly from the STICK keypad using the SELECT button.
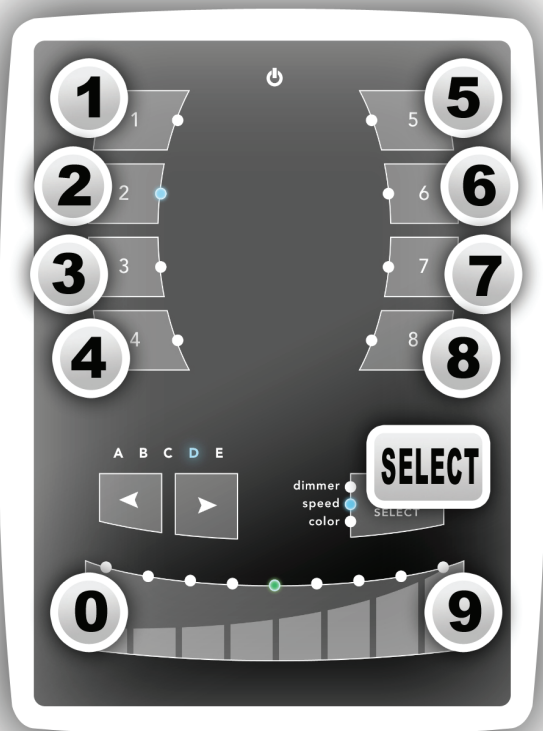
⚠ **WARNING**

🕒 = 3:30pm

3:30pm = 15:30

15:30 = **1530**

📅 DECEMBER 2008 = 5 DEC 2008

5 DEC 2008 = **051208**

SELECT + 1	View time	Example : view 2:45pm = 14:45 = 1445	**1445** = 2:45pm (USA) or 14:45 (Europe)
SELECT + 2	View date	Example : view 6 SEP. 2009 date = 060909	**060909** = September 6th 2009
SELECT + 3	Set time	Example : set 3:30pm = 15:30 = 1530	①⑤③⓪ = **1530**
SELECT + 4	Set date	Example : set 5 DEC 2008 date = 051230	⓪⑤①②⓪⑧ = **051208**
SELECT + 5	Set Fade time	Example : set 01'32'' fade time = 1 minute and 32 seconds = 0132	⓪①③② = **0132**
SELECT + 9	Set IR	Example : assign an IR key to Scene #2	② +
SELECT + 0	Firmware version	Example : view 1.02 firmware version = 0102	**0102** = firmware version **1.02**