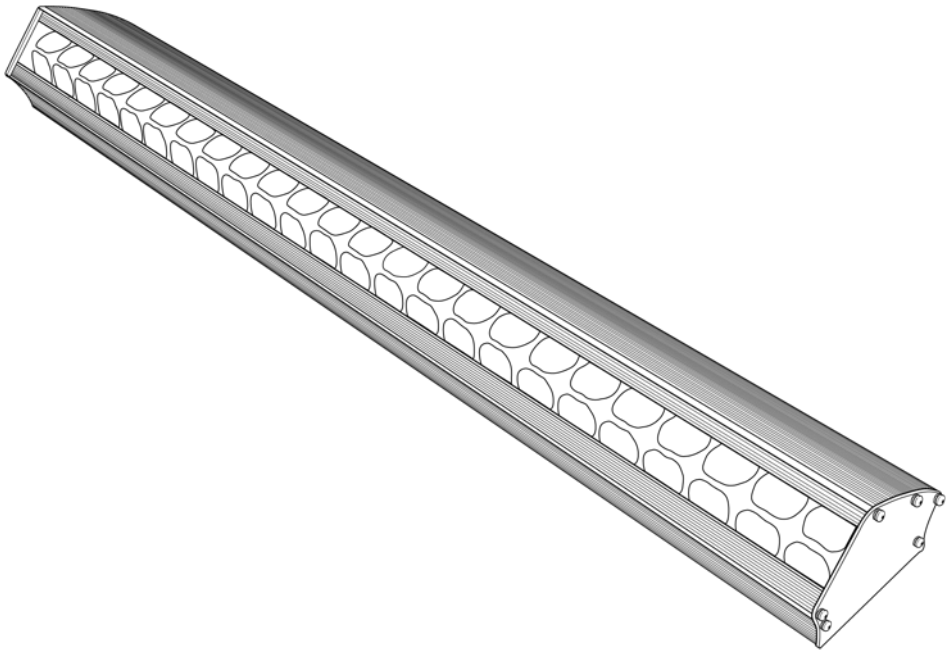
Manuel / *Manual*

DAUS - 862

BAIN DE PIEDS
FOOTLIGHT



PROJECTEUR BAIN DE PIEDS LED - BLANC VARIABLE
LED - VARIABLE WHITE FOOTLIGHT

MODEL	LENGTH	POWER
862	100 CM	150 W
862S	50 CM	75 W

Firmware V3.23.5

V1 - 24/02/25

DN41107000

ROBERT JULIAT

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Table of contents

1 User's instructions

GENERAL INSTRUCTIONS

1. Not for residential use.
2. **These fixtures must only be serviced by a qualified technician.**
3. In addition to the instructions indicated on this page, relevant health and safety requirements of the appropriate EU Directives must be adhered to at all times.
4. This fixture is in compliance with section 17 - Lighting appliance for theatre stages, television, cinema and photograph studios. Standards NF EN 60598-1 and NF EN 60598-2-17.
5. This fixture is rated as IP20, and is for indoor use only.

FIXTURE

6. Ensure fixture is correctly mounted on an appropriate support.
7. Protection screens must be replaced in the event of any damage, such as cracks or deep scratches, since these might reduce performance.
8. When hung or flown the fixture must be secured by an additional hanging accessory (such as a safety cable or bond) of suitable length
9. Safety bonds or cables must be securely attached to the fixture and be as short as possible, or rolled up as necessary, to minimise travel distance should the fixture be dislodged. .
10. WARNING: LED source become hot during use. Allow fixture to cool before servicing.
11. Do not tamper with design of fixture nor any of its safety features.
12. Tighten electrical mains cable connections regularly and replace with one of identical specification if damaged.
13. Use only with correct power supply.
14. Do not orientate the fixture towards a source of light (sun, fixture), in particular for LED versions.

VENTILATION

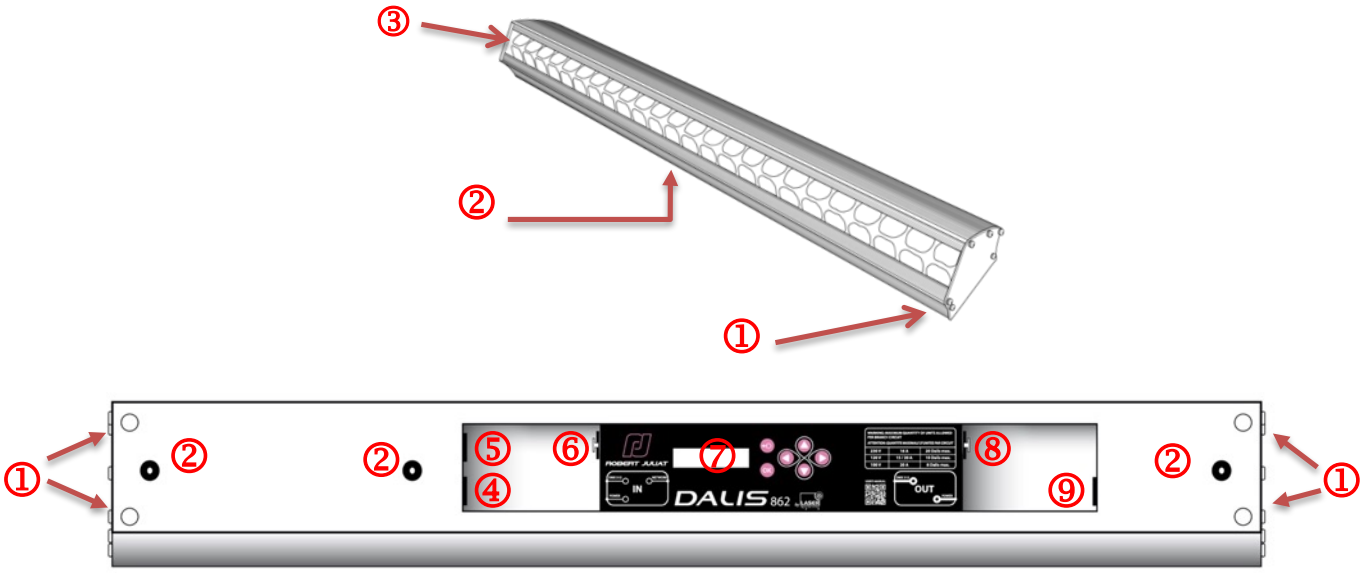
15. Keep well away from flammable material.
16. Not for outdoor use. Do not cover. Do not permit fixture to get wet.
17. To avoid overheating, do not obstruct air vents – **do not cover the unit.**

PLEASE NOTE

These products have been built to conform to European standards relating to professional lighting equipment. Any modification made to our products will void the manufacturers' warranty.

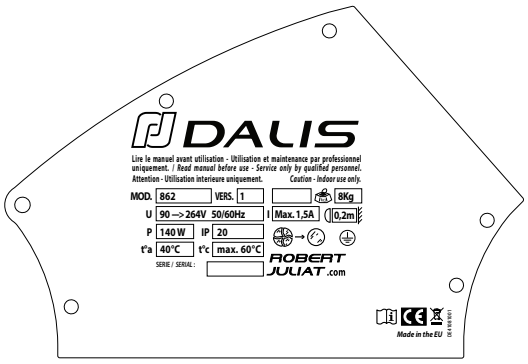
2 Presentation

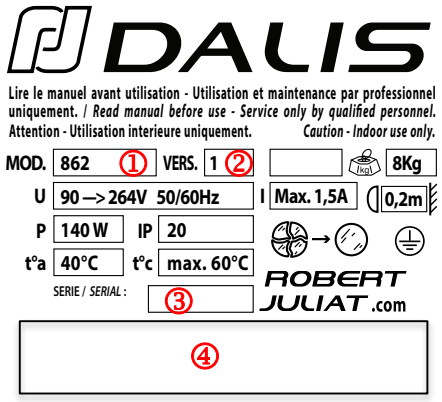
2.1 Functions



Functions :	
1. Feet 2. M10 thread for rigging (model 862 only) 3. ID plate 4. Power IN 5. DMX IN	6. Network 7. Display and keypad 8. DMX OUT 9. Power OUT

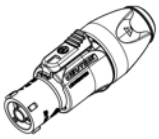
2.2 Identification plate





Description :	
1. Model 2. Version (Hardware version)	3. Serial number 4. Serial number in barcode format

2.3 *Accessories included*

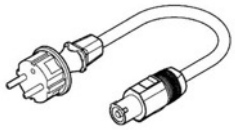


①

②

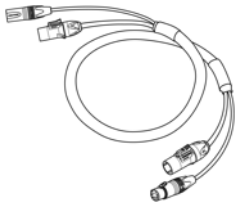
	Reference	Description
1	COU0003305	Neutrik PowerCon© True1 connector (ref. NAC3FX-W)
2	DN41106900	Quick Start manual

2.4 *Optional accessories*



①

②



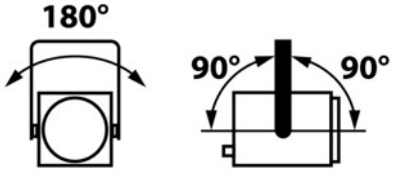
③

	Reference	Description
1	**CAL03**	3 meter power cable (3G1,5 HO7RNF) with Neutrik PowerCon© True1 and CEE 7/7 (2P+T NF/SCHUKO) connectors
2	**CAL04**	1,50m power cable UL/CSA with Neutrik PowerCon© connector
3	**CAL05**	Combined Neutrik PowerCon© True1 / DMX (5 pins) patch cable - length: 1m

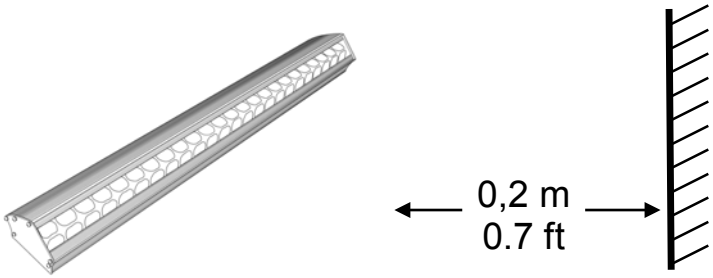
3 Set-up

3.1 Mechanics

3.1.1 Operating positions



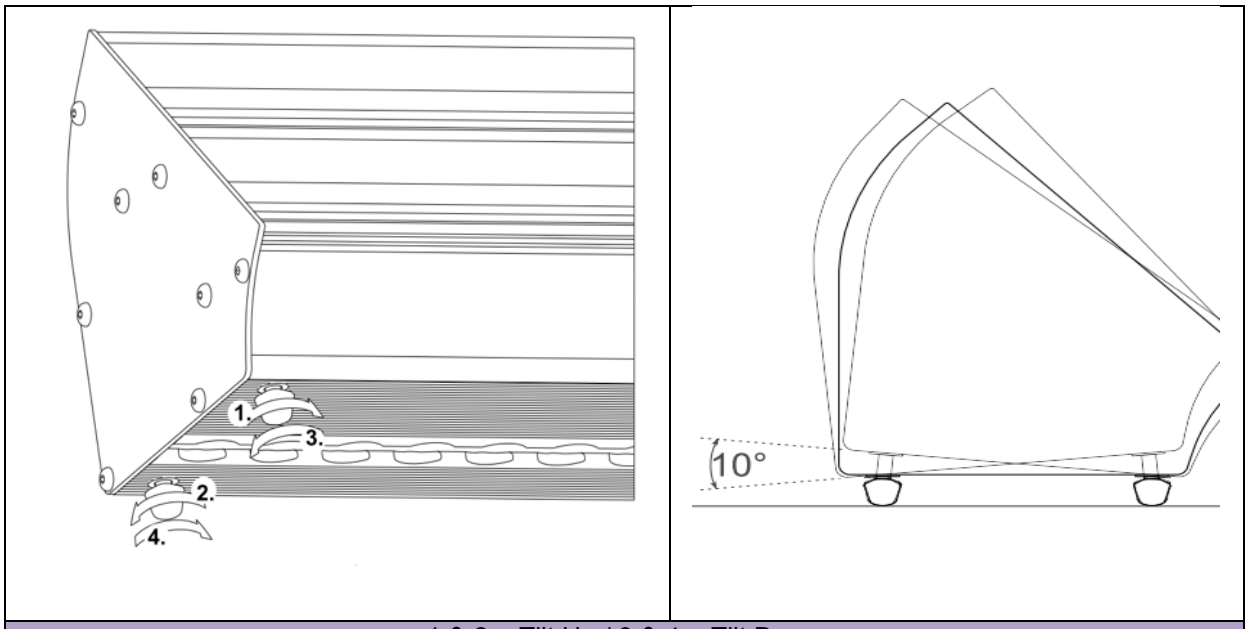
3.1.2 Minimum distance between a flammable material and the lighting unit



3.1.3 Instructions for use

IP20 – Indoor use only

3.1.4 Floor installation



1 & 2 = Tilt Up / 3 & 4 = Tilt Down

*3.1.5 Installation with clamps – **Model 862 only***

- The fixture can be secured with clamps by using M10 screws on the M10 threads.
- Ensure fixture is correctly mounted on an appropriate support.
- **The fixture must be installed with 2 clamps.**
- Net weight : model 862 : 8 Kgs
- Center M10 thread can be equipped with eye bolt to attach safety cable.
- Safety cables or bonds must be securely attached to the back of the fixture and be as short as possible, or rolled up as necessary, to minimise travel distance should the fixture be dislodged.

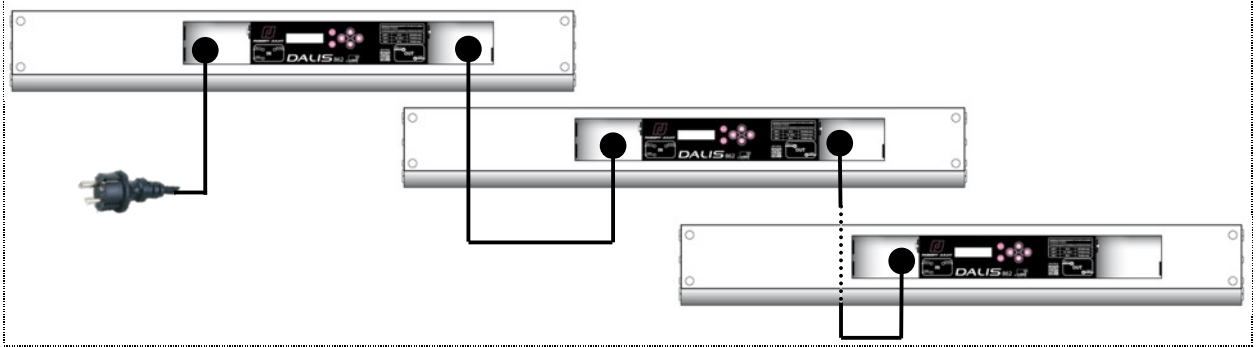
3.2 Electrical

3.2.1 Power

Voltage	Frequency	Input power	Connectors
90 → 265 V	50-60 Hz	**Model 862:** 0.7 A / 130 W @ 230V 1.1 A / 130 W @ 120V 1.4 A / 130W @ 100V Max. 1.5 A **Model 862S:** 0.4 A / 73 W @ 230V 0.7 A / 76 W @ 120V 0.8 A / 80 W @ 100V Max. 1.0 A	Neutrik powerCON TRUE1 ref. NAC3FPX (max. 20A) **see appendix 1 for assembly instructions**

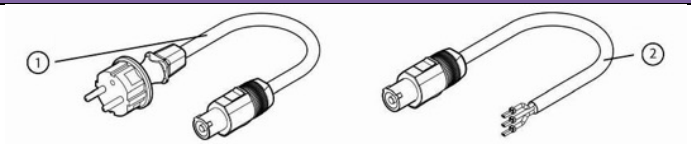
- Class 1 product. **This luminaire must be grounded.**
- Must be connected directly to AC power. **Do not connect to dimmer power**.
- Automatic power detection.
- **Daisy chain:**
  - **Model 862: maximum of 20 units (230V) / 10 units (120V) / 8 units (100V)**
  - **Model 862S: maximum of 30 units (230V) / 15 units (120V) / 12 units (100V)**

Daisy chain (with optional patch cable):

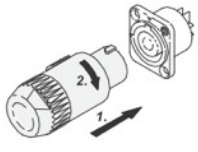


3.2.2 Power cable

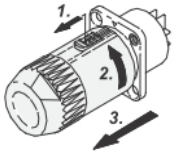
Power cable



Power cable		Connector	Mains plug	Cable type	Cable length	Wiring
1	Standard version	Neutrik PowerCon® NAC3FX	CEE7/7	3G1.5 H07RNF	3 m 9.8 ft	Live: Brown Neutral: Blue Ground: Yellow/Green
2	North American version		-	14AWG SJ TYPE (UL/CSA)	1.5 m 4.9 ft	Live: Black Neutral: White Ground: Green



In



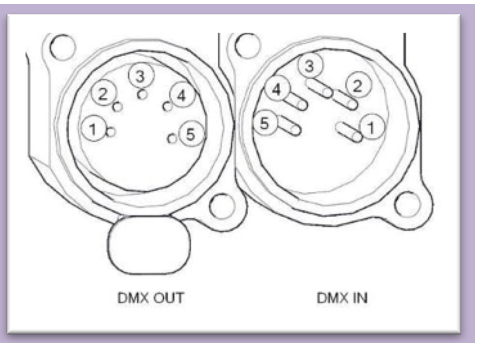
Out

3.3 DATA

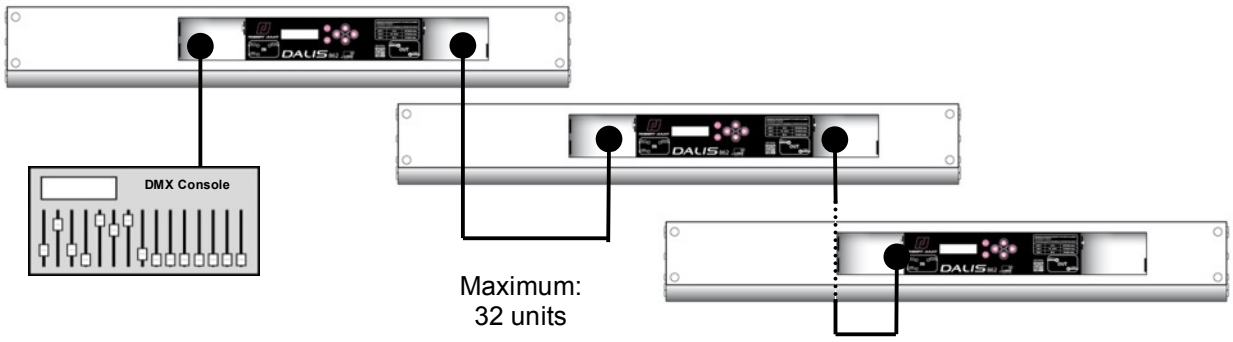
3.3.1 DMX 512-A / RDM

Protocol	Input connector	Output connector
USITT DMX 512-A RDM	XLR 5-pin	XLR 5-pin

DATA connectors		
PIN #	**DMX**	**Description**
1	Shielding	Foil & Braided Shield
2	DMX (-)	1st conductor of 1st twisted pair
3	DMX (+)	2nd conductor of 1st twisted pair
4	Not used	1st conductor of 2nd twisted pair
5	Not used	2nd conductor of 2nd twisted pair

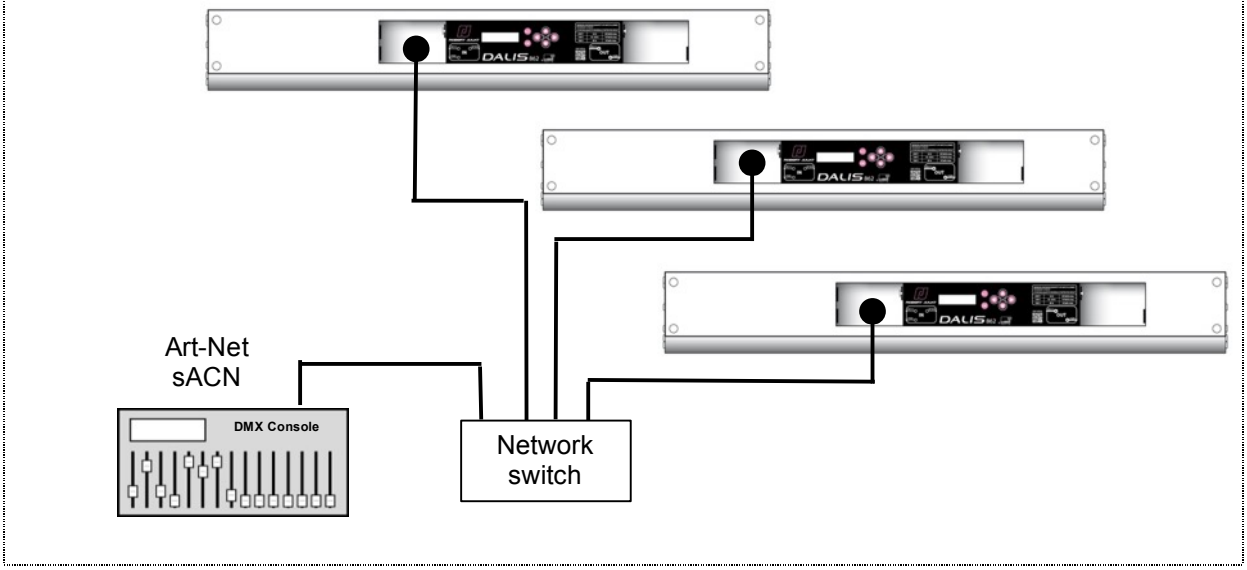


Daisy chain



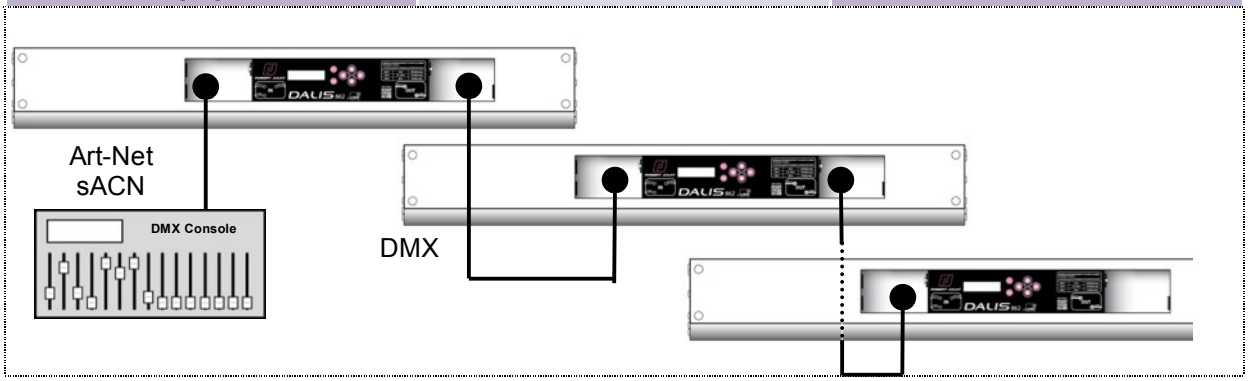
3.3.2 Art-Net / sACN

Protocol	Input connector	Output connector
Art-Net sACN	RJ45	-



3.3.3 Ethernet/DMX node

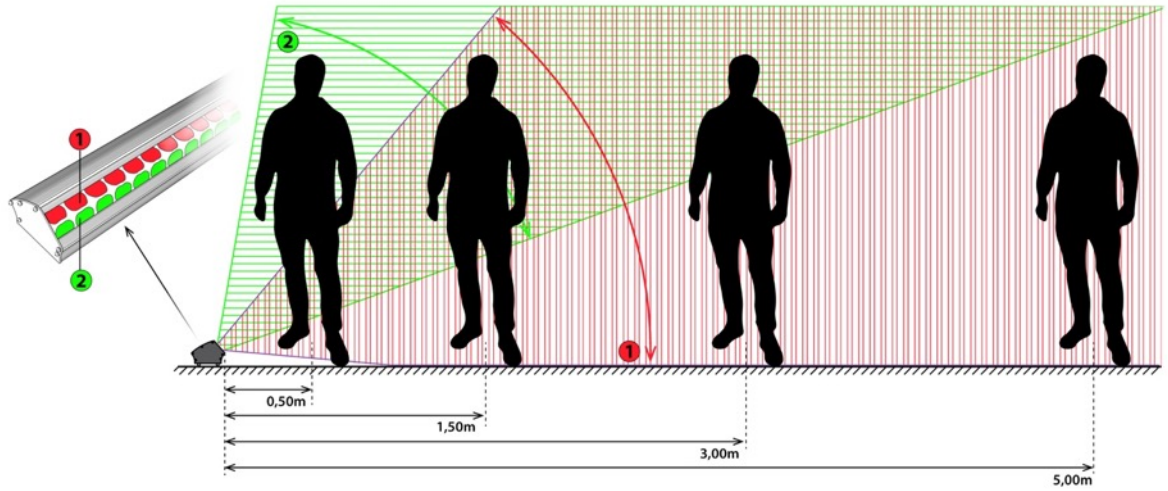
Protocol	Input connector	Output connector
Art-Net sACN	RJ45	DMX



4 Operation

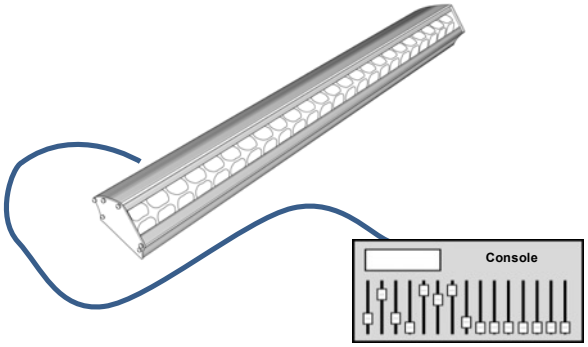
4.1 Light intensity

4.1.1 Range



①: Upstage (US) + ②: Downstage (DS)

4.1.2 Control



Remotely with
DMX512-A / Artnet / sACN protocols
Mode 1 – 2 – 3 – 4 – 5 – 6 – 7

Locally via STAND ALONE mode

Mode	Dimmer ① + ②	Dimmer ①	Dimmer ②
Mode 1	X		
Mode 2		X	X
Mode 3		X	X
Mode 4	X		
Mode 5	X		
Mode 6		X	X
Mode 7	X		

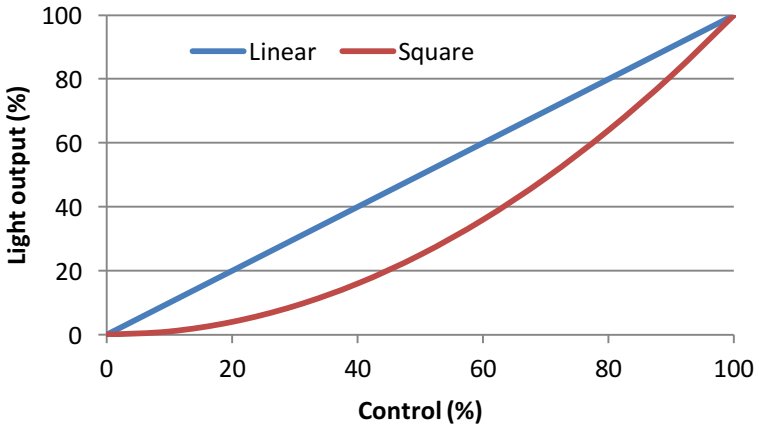
4.1.3 *Parameters*

4.1.3.1 *Dimming resolution*

Resolution	DMX mode :
8 bits – 255 steps	3 – 5 – 7 – STAND ALONE
16 bits – 65 535 steps	1 – 2 – 4 – 6

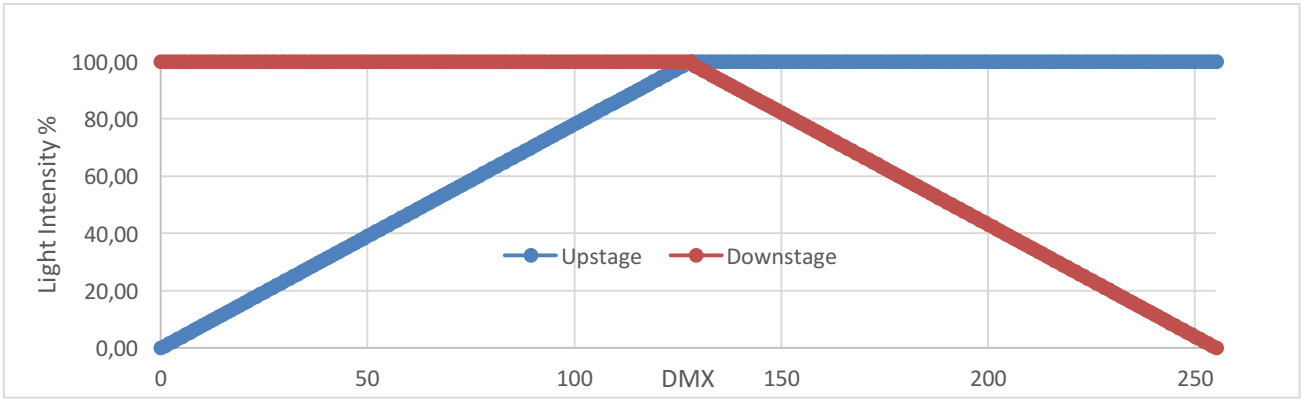
4.1.3.2 *Dimming curve*

→ selection in *SETUP/DIMMER CURVE* menu: Linear or Square

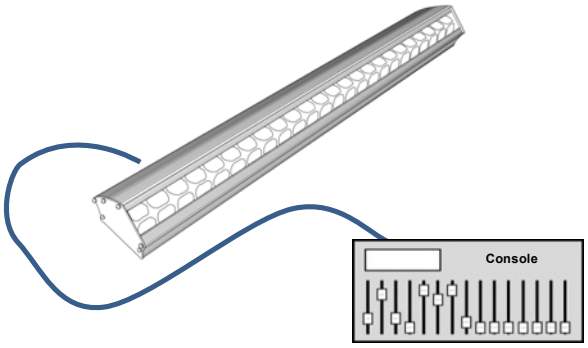


4.2 Balance

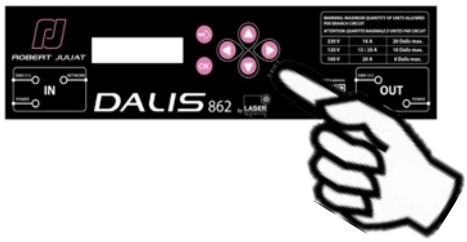
4.2.1 *Range*



4.2.2 *Control*



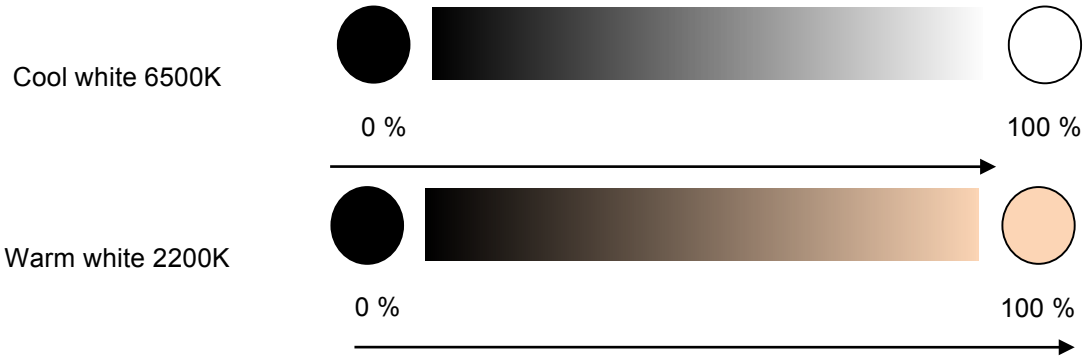
Remotely with
DMX512-A / Artnet / sACN protocols
Mode 4 – 5 – 7



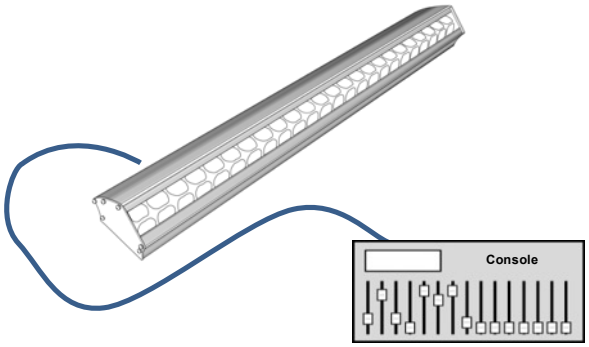
Locally via STAND ALONE mode

4.3 Colours

4.3.1 Range



4.3.2 Control



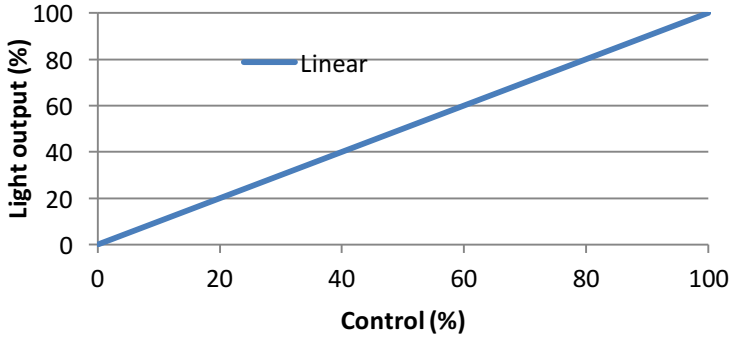
Remotely with
DMX512-A / Art-Net / sACN protocols
Mode 1 – 2 – 3 – 6

4.3.3 Parameters

4.3.3.1 Resolution

Resolution	DMX mode :
8 bits – 255 steps	3
16 bits – 65 535 steps	1 – 2 – 6

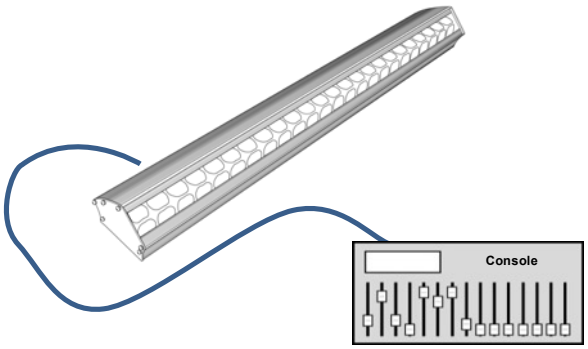
4.3.3.2 Intensity curve



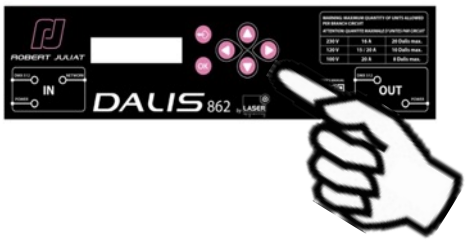
4.4 CCT

4.4.1 Range

4.4.2 Control



Remotely with
DMX512-A / Artnet / sACN protocols
Mode 4 – 5 – 7



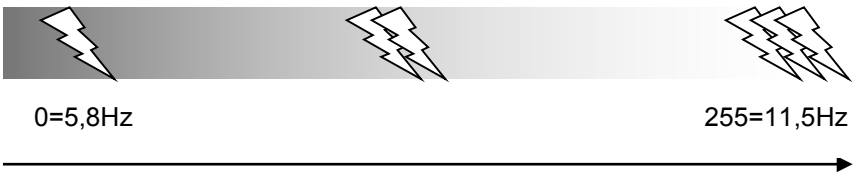
Locally via STAND ALONE mode

4.5 Strobe

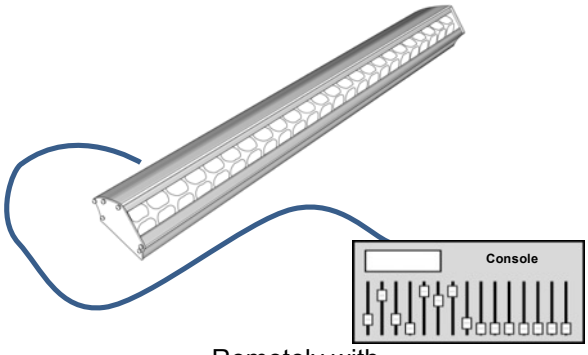
4.5.1 Range

Strobe duration

Strobe speed



4.5.2 Control



Remotely with
DMX512-A / Art-Net / sACN protocols
Mode 1 – 2 – 3 – 4 – 5

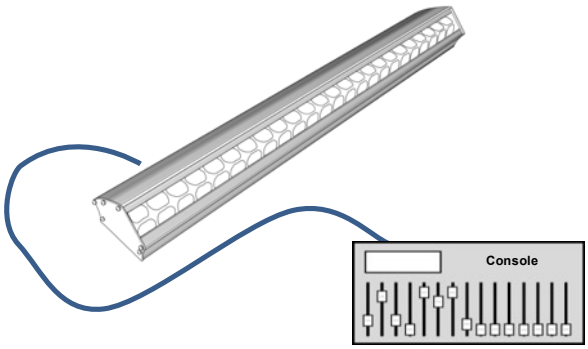
4.6 Group

4.6.1 Range

Model : 862	Group 4	Group 3	Group 2	Group 1
US = Upstage				
DS = Downstage				

Model : 862S	Group 4	Group 3	Group 2	Group 1
US = Upstage				
DS = Downstage				

4.6.2 Control

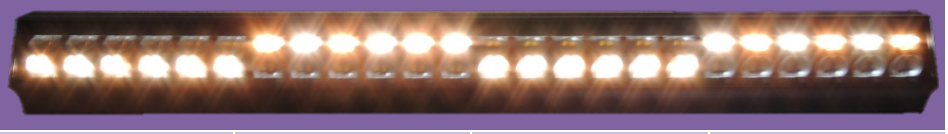


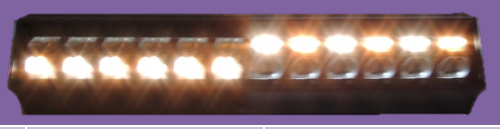
Remotely with
DMX512-A / Art-Net / sACN protocols
Mode 1 – 6 – 7

4.6.3 Parameters

4.6.3.1 Group flip

→ Selection in *SETUP/GROUP FLIP* menu

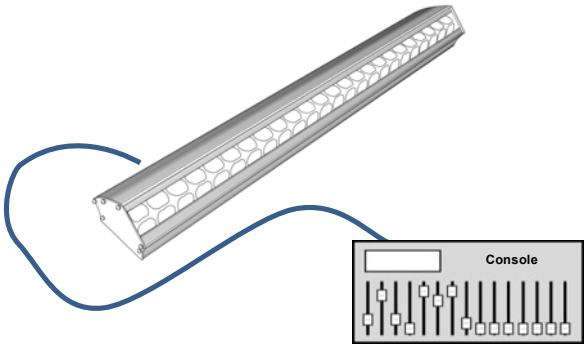
Model : 862				
Group flip : Normal	**Group 4**	**Group 3**	**Group 2**	**Group 1**
Group flip : Flip	**Group 1**	**Group 2**	**Group 3**	**Group 4**

Model : 862				
Group flip : Normal			**Group 2**	**Group 1**
Group flip : Flip			**Group 1**	**Group 2**

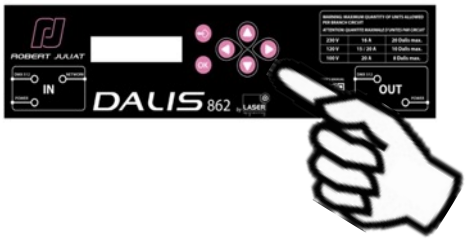
4.7 Response time

4.7.1 Range

4.7.2 Control



Remotely with
DMX512-A / Art-Net / sACN protocols
Mode 1 – 2 – 3 – 4 – 5



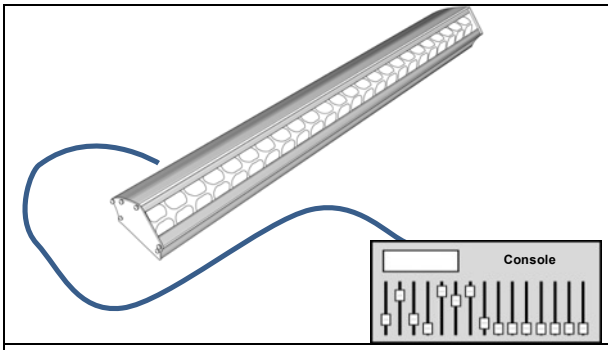
Locally only when DMX mode 6 and 7 are selected

4.8 Position light

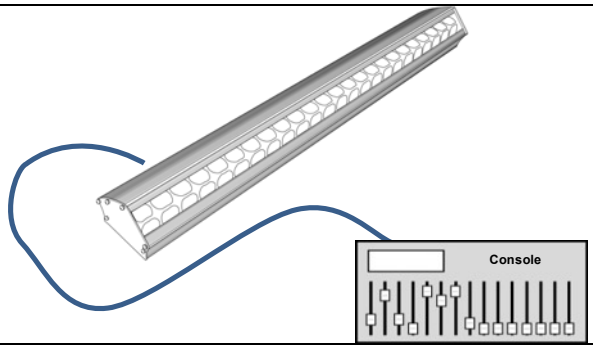
4.8.1 Range

Model: 862	D	C	B	A
Model: 862S			B	A

4.8.2 Control



Remotely with
DMX512-A / Art-Net / sACN protocols
Mode 1 – 2 – 3 – 4 – 5
→ 3 DMX channels



Remotely with
DMX512-A / Art-Net / sACN protocols
Mode 6 – 7
→ 8 / 4 DMX channels (mod. 862/862S)

Blue position lights combination *

D and or C and or B and or A

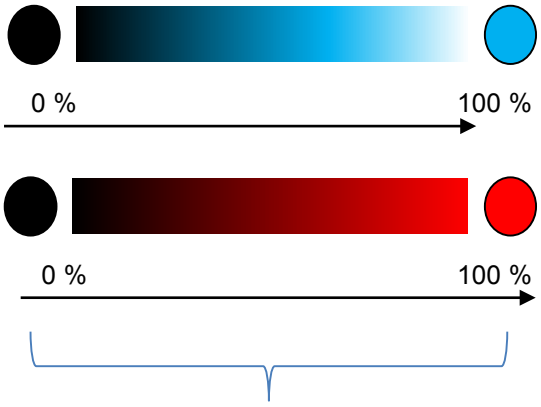
Red position lights combination*

D and or C and or B and or A

+

0 % 100 %

*See 5.2.5 DMX ranges



x 4 (mod. 862) / x 2 (mod. 862S)

4.8.3 Parameters

4.8.3.1 Position lights flip

Model : 862	D	C	B	A
POS LIGHTS FLIP: Normal	**Group 4**	**Group 3**	**Group 2**	**Group 1**
POS LIGHTS FLIP: Flip	**Group 1**	**Group 2**	**Group 3**	**Group 4**

Model : 862S			B	A
POS LIGHTS FLIP: Normal			**Group 2**	**Group 1**
POS LIGHTS FLIP: Flip			**Group 1**	**Group 2**

5 Control and parameters

5.1 Local display and Controls

5.1.1 Display

	Function
	Exit the current menu option and/or go back
	Enter the current menu option and/or valid
	Scrolls through menus and/or Increase data value
	Scrolls through menus and/or Decrease data value
	Scrolls through menus and/or Increase data value
	Scrolls through menus and/or Decrease data value

5.1.2 Parameters

5.1.2.1 Display mode

→ Selection in *SETUP/DISPLAY MODE* menu

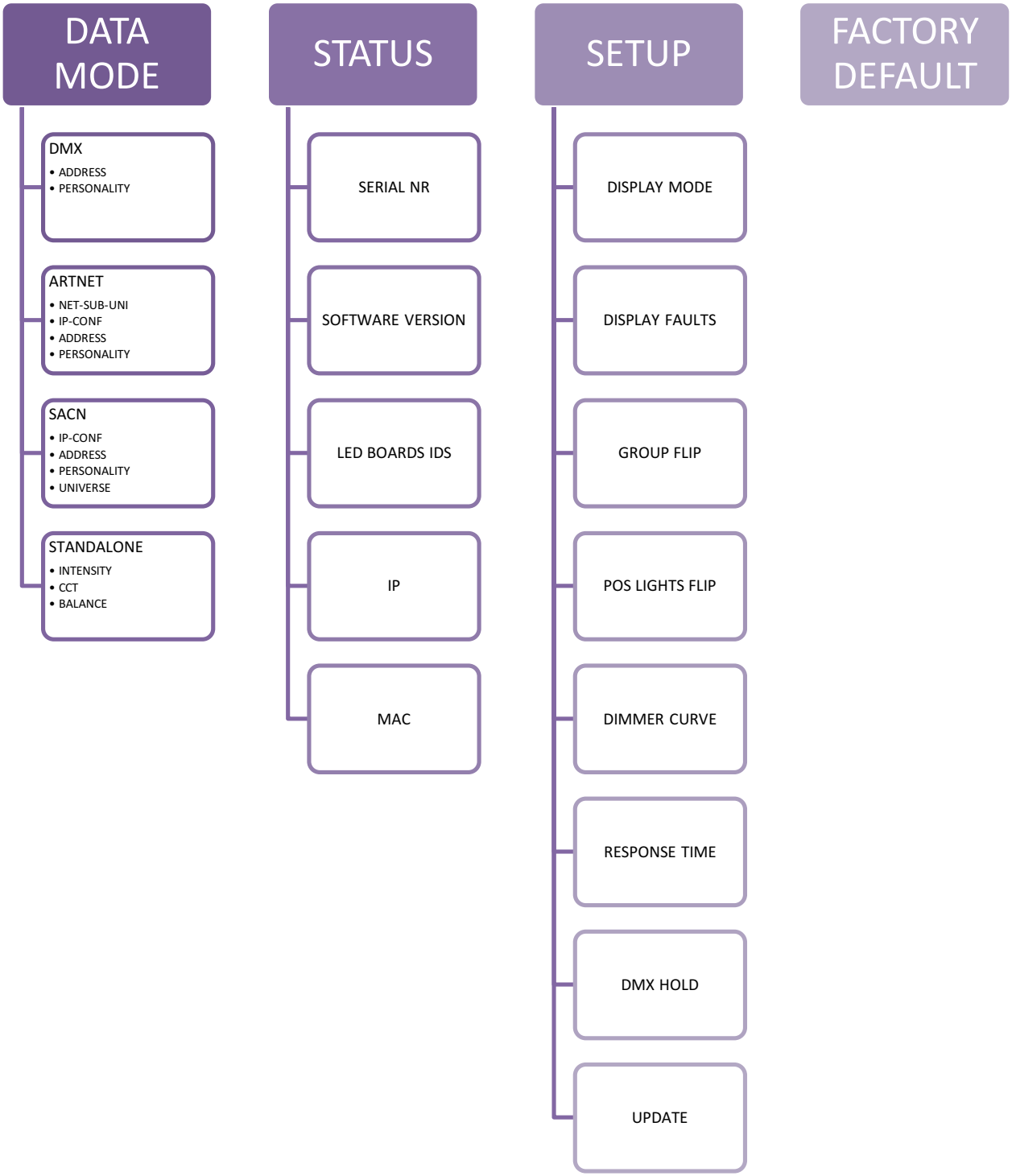
Display	Mode	Description
	Auto-OFF	Main display OFF after 20 seconds
Unit information	Always on	Main display always ON
.	DATA check (dot)	Main display OFF – only a “dot” sign is visible if data detected

5.1.2.2 Display faults

→ Selection in *SETUP/DISPLAY FAULTS* menu

Display	Mode	Description
Unit information DMX error	Warn on faults	Message displayed in case of data error
Unit information	Don’t warn on faults	No message in case of data error – display remains the same

5.1.3 Menus

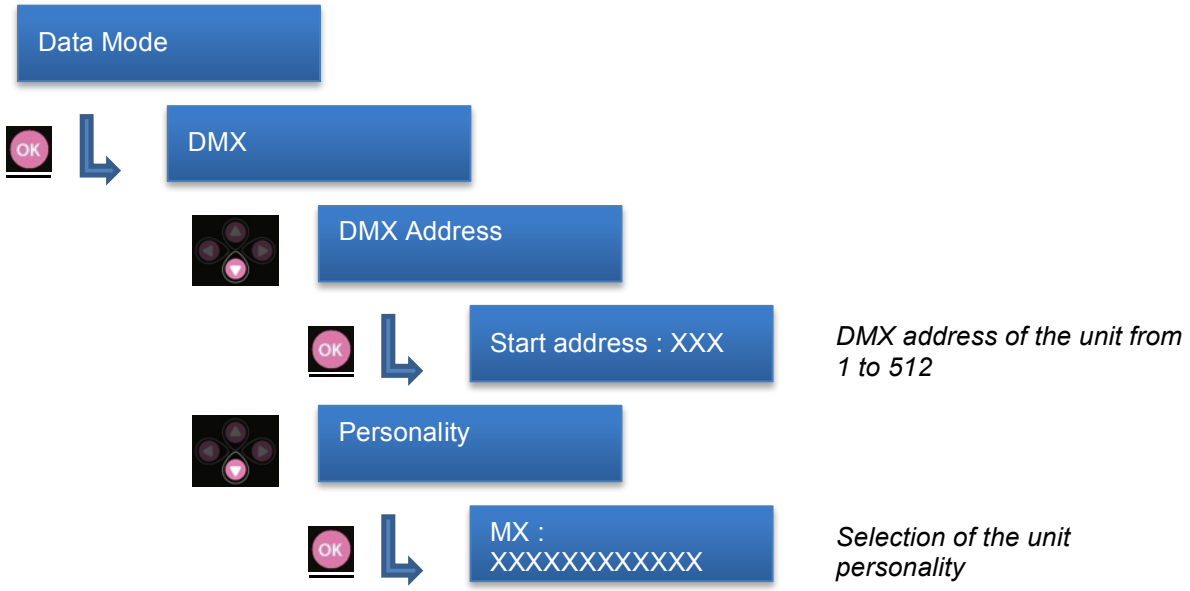

DATA MODE
DMX
• ADDRESS
• PERSONALITY
ARTNET
• NET-SUB-UNI
• IP-CONF
• ADDRESS
• PERSONALITY
SACN
• IP-CONF
• ADDRESS
• PERSONALITY
• UNIVERSE
STANDALONE
• INTENSITY
• CCT
• BALANCE
STATUS
SERIAL NR
SOFTWARE VERSION
LED BOARDS IDS
IP
MAC
SETUP
DISPLAY MODE
DISPLAY FAULTS
GROUP FLIP
POS LIGHTS FLIP
DIMMER CURVE
RESPONSE TIME
DMX HOLD
UPDATE
FACTORY DEFAULT

5.2 DMX512-A remote control

5.2.1 Protocol:

E1.11 – 2008, USITT DMX512-A

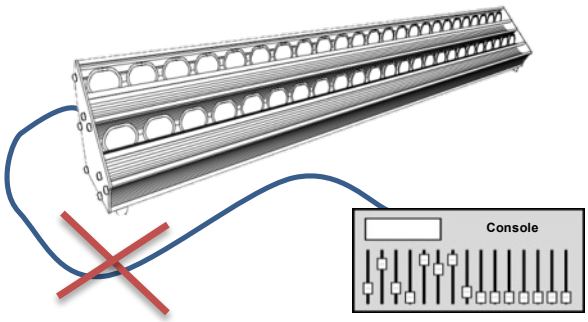
5.2.2 Configuration:



5.2.3 Parameters

5.2.3.1 DMX Hold

→ Selection in *SETUP/DMX HOLD menu*



If data not detected

Hold last values

Reset DMX values

5.2.4 DMX chart:

5.2.4.1 DMX chart: model 862

DMX address	Mode 1: Full4groupsmode 16b	Mode 2: Full1groupmode 16b	Mode 3: Full1groupmode 8b	Mode 4: Presetmode 16b	Mode 5: Presetmode 8b	Mode 6: 4groupsindividual 16bits	Mode 7: 4groupsindividualpreset 16b
1	Dimmer	Dimmer - US	Dimmer - US	Dimmer	Dimmer	Dimmer - US1	Dimmer - 1
2	Dimmer fine	Dimmer fine - US	Cool white - US	Dimmer fine	Balance	Dimmer fine - US1	Dimmer fine - 1
3	Cool white - US1	Cool white - US	Warm white - US	Balance	CCT	Cool white - US1	Balance - 1
4	Cool white fine - US1	Cool white fine - US	Dimmer - DS	CCT	Strobe duration	Cool white fine - US1	CCT - 1
5	Warm white - US1	Warm white - US	Cool white - DS	Strobe duration	Strobe speed	Warm white - US1	Blue position intensity - 1
6	Warm white fine - US1	Warm white fine - US	Warm white - DS	Strobe speed	Response time	Warm white fine - US1	Red position intensity - 1
7	Cool white - US2	Dimmer - DS	Strobe duration	Response time	Control mode	Dimmer - US2	Dimmer - 2
8	Cool white fine - US2	Dimmer fine - DS	Strobe speed	Control mode	Blue position	Dimmer fine - US2	Dimmer fine - 2
9	Warm white - US2	Cool white - DS	Response time	Blue position	Red position	Cool white - US2	Balance - 2
10	Warm white fine - US2	Cool white fine - DS	Control mode	Red position	Position Intensity	Cool white fine - US2	CCT - 2
11	Cool white - US3	Warm white - DS	Blue position	Position Intensity		Warm white - US2	Blue position intensity - 2
12	Cool white fine - US3	Warm white fine - DS	Red position			Warm white fine - US2	Red position intensity - 2
13	Warm white - US3	Strobe duration	Position Intensity			Dimmer - US3	Dimmer - 3
14	Warm white fine - US3	Strobe speed				Dimmer fine - US3	Dimmer fine - 3
15	Cool white - US4	Response time				Cool white - US3	Balance - 3
16	Cool white fine - US4	Control mode				Cool white fine - US3	CCT - 3
17	Warm white - US4	Blue position				Warm white - US3	Blue position intensity - 3
18	Warm white fine - US4	Red position				Warm white fine - US3	Red position intensity - 3
19	Cool white - DS1	Position Intensity				Dimmer - US4	Dimmer - 4
20	Cool white fine - DS1					Dimmer fine - US4	Dimmer fine - 4
21	Warm white - DS1					Cool white - US4	Balance - 4
22	Warm white fine - DS1					Cool white fine - US4	CCT - 4
23	Cool white - DS2					Warm white - US4	Blue position intensity - 4
24	Cool white fine - DS2					Warm white fine - US4	Red position intensity - 4
25	Warm white - DS2					Dimmer - DS1	
26	Warm white fine - DS2					Dimmer fine - DS1	
27	Cool white - DS3					Cool white - DS1	
28	Cool white fine - DS3					Cool white fine - DS1	
29	Warm white - DS3					Warm white - DS1	
30	Warm white fine - DS3					Warm white fine - DS1	
31	Cool white - DS4					Blue position intensity - 1	
32	Cool white fine - DS4					Red position intensity - 1	
33	Warm white - DS4					Dimmer - DS2	
34	Warm white fine - DS4					Dimmer fine - DS2	
35	Strobe duration					Cool white - DS2	
36	Strobe speed					Cool white fine - DS2	
37	Response time					Warm white - DS2	
38	Control mode					Warm white fine - DS2	
39	Blue position					Blue position intensity - 2	
40	Red position					Red position intensity - 2	
41	Position Intensity					Dimmer - DS3	
42						Dimmer fine - DS3	
43						Cool white - DS3	
44						Cool white fine - DS3	
45						Warm white - DS3	
46						Warm white fine - DS3	
47						Blue position intensity - 3	
48						Red position intensity - 3	
49						Dimmer - DS4	
50						Dimmer fine - DS4	
51						Cool white - DS4	
52						Cool white fine - DS4	
53						Warm white - DS4	
54						Warm white fine - DS4	
55						Blue position intensity - 4	
56						Red position intensity - 4	

5.2.4.2 DMX chart: model 862S

DMX address	Mode 1: Full4groupsmode 16b	Mode 2: Full1groupmode 16b	Mode 3: Full1groupmode 8b	Mode 4: Presetmode 16b	Mode 5: Presetmode 8b	Mode 6: 4groupsindividual 16bits	Mode 7: 4groupsindividualpreset 16b
1	Dimmer	Dimmer - US	Dimmer - US	Dimmer	Dimmer	Dimmer - US1	Dimmer - 1
2	Dimmer fine	Dimmer fine - US	Cool white - US	Dimmer fine	Balance	Dimmer fine - US1	Dimmer fine - 1
3	Cool white - US1	Cool white - US	Warm white - US	Balance	CCT	Cool white - US1	Balance - 1
4	Cool white fine - US1	Cool white fine - US	Dimmer - DS	CCT	Strobe duration	Cool white fine - US1	CCT - 1
5	Warm white - US1	Warm white - US	Cool white - DS	Strobe duration	Strobe speed	Warm white - US1	Blue position intensity - 1
6	Warm white fine - US1	Warm white fine - US	Warm white - DS	Strobe speed	Response time	Warm white fine - US1	Red position intensity - 1
7	Cool white - US2	Dimmer - DS	Strobe duration	Response time	Control mode	Dimmer - US2	Dimmer - 2
8	Cool white fine - US2	Dimmer fine - DS	Strobe speed	Control mode	Blue position	Dimmer fine - US2	Dimmer fine - 2
9	Warm white - US2	Cool white - DS	Response time	Blue position	Red position	Cool white - US2	Balance - 2
10	Warm white fine - US2	Cool white fine - DS	Control mode	Red position	Position Intensity	Cool white fine - US2	CCT - 2
11	Cool white - DS1	Warm white - DS	Blue position	Position Intensity		Warm white - US2	Blue position intensity - 2
12	Cool white fine - DS1	Warm white fine - DS	Red position			Warm white fine - US2	Red position intensity - 2
13	Warm white - DS1	Strobe duration	Position Intensity			Dimmer - DS1	
14	Warm white fine - DS1	Strobe speed				Dimmer fine - DS1	
15	Cool white - DS2	Response time				Cool white - DS1	
16	Cool white fine - DS2	Control mode				Cool white fine - DS1	
17	Warm white - DS2	Blue position				Warm white - DS1	
18	Warm white fine - DS2	Red position				Warm white fine - DS1	
19	Strobe duration	Position Intensity				Blue position intensity - 1	
20	Strobe speed					Red position intensity - 1	
21	Response time					Dimmer - DS2	
22	Control mode					Dimmer fine - DS2	
23	Blue position					Cool white - DS2	
24	Red position					Cool white fine - DS2	
25	Position Intensity					Warm white - DS2	
26						Warm white fine - DS2	
27						Blue position intensity - 2	
28						Red position intensity - 2	

5.2.5 DMX ranges:

5.2.5.1 Strobe duration

Range min	Range max	Function
0	0	Strobe OFF
1	255	Strobe ON - 1ms --> 85ms

5.2.5.2 Strobe speed

Range min	Range max	Function
0	255	Frequency: 5,8 Hz --> 11,5 Hz

5.2.5.3 Response time

Range min	Range max	Function
0	250	Dimmer timing: 0,1s --> 4 s
251	255	OFF

5.2.5.4 Control mode

Range min	Range max	Function
0	0	
1	255	RDM desactivated

5.2.5.5 CCT (Color Control Temperature)

Range min	Range max	Function
		Function activated if Colour presets channel ≥ 250
0	255	Colour temperature: 2200 K --> 6500 K

5.2.5.6 Balance

Range min	Range max	Function
0	0	Top row dimmer @ 0 % / Bottom row dimmer @ 100%
1	127	Top row dimmer @ **0 --> 100%** / Bottom row dimmer @ 100%
128	128	Top row dimmer @ 100 % / Bottom row dimmer @ 100%
129	254	Top row dimmer @ 100% / Bottom row dimmer @ **100 --> 0%**
255	255	Top row dimmer @ 100 % / Bottom row dimmer @ 0%

*5.2.5.7 Blue position**

Range min	Range max	Position D	Position C	Position B	Position A	Description
0	10	○	○	○	○	Fixed light
11	20	⊙	⊙	⊙	⊙	Fixed light
21	30	○	⊙	⊙	○	Fixed light
31	40	⊙	○	○	⊙	Fixed light
41	50	⊙	○	○	○	Fixed light
51	60	⊙	⊙	○	○	Fixed light
61	70	⊙	⊙	⊙	○	Fixed light
71	80	○	○	○	⊙	Fixed light
81	90	○	○	⊙	⊙	Fixed light
91	100	○	⊙	⊙	⊙	Fixed light
101	110	○	⊙	○	○	Fixed light
111	120	○	○	⊙	○	Fixed light
121	130	⊙	○	⊙	○	Fixed light
131	140	○	⊙	○	⊙	Fixed light
141	150	⊙	⊙	○	⊙	Fixed light
151	160	⊙	○	⊙	⊙	Fixed light
161	170	✹	✹	✹	✹	Flash
171	180	○	✹	✹	○	Flash
181	190	✹	○	○	✹	Flash
191	200	✹	✹	○	○	Flash
201	210	○	○	✹	✹	Flash

**Only position A and B for model 862S*

*5.2.5.8 Red position**

Range min	Range max	Position D	Position C	Position B	Position A	Description
0	10	○	○	○	○	Fixed light
11	20	⊙	⊙	⊙	⊙	Fixed light
21	30	○	⊙	⊙	○	Fixed light
31	40	⊙	○	○	⊙	Fixed light
41	50	⊙	○	○	○	Fixed light
51	60	⊙	⊙	○	○	Fixed light
61	70	⊙	⊙	⊙	○	Fixed light
71	80	○	○	○	⊙	Fixed light
81	90	○	○	⊙	⊙	Fixed light
91	100	○	⊙	⊙	⊙	Fixed light
101	110	○	⊙	○	○	Fixed light
111	120	○	○	⊙	○	Fixed light
121	130	⊙	○	⊙	○	Fixed light
131	140	○	⊙	○	⊙	Fixed light
141	150	⊙	⊙	○	⊙	Fixed light
151	160	⊙	○	⊙	⊙	Fixed light
161	170	✹	✹	✹	✹	Flash
171	180	○	✹	✹	○	Flash
181	190	✹	○	○	✹	Flash
191	200	✹	✹	○	○	Flash
201	210	○	○	✹	✹	Flash

**Only position A and B for model 862S*

5.3 RDM remote control

5.3.1 Protocol:

ANSI E1.20 – 2010 / ANSI E1.37 - 1

For more information about RDM protocol: http://www.rdmprotocol.org/

5.3.2 Functions:

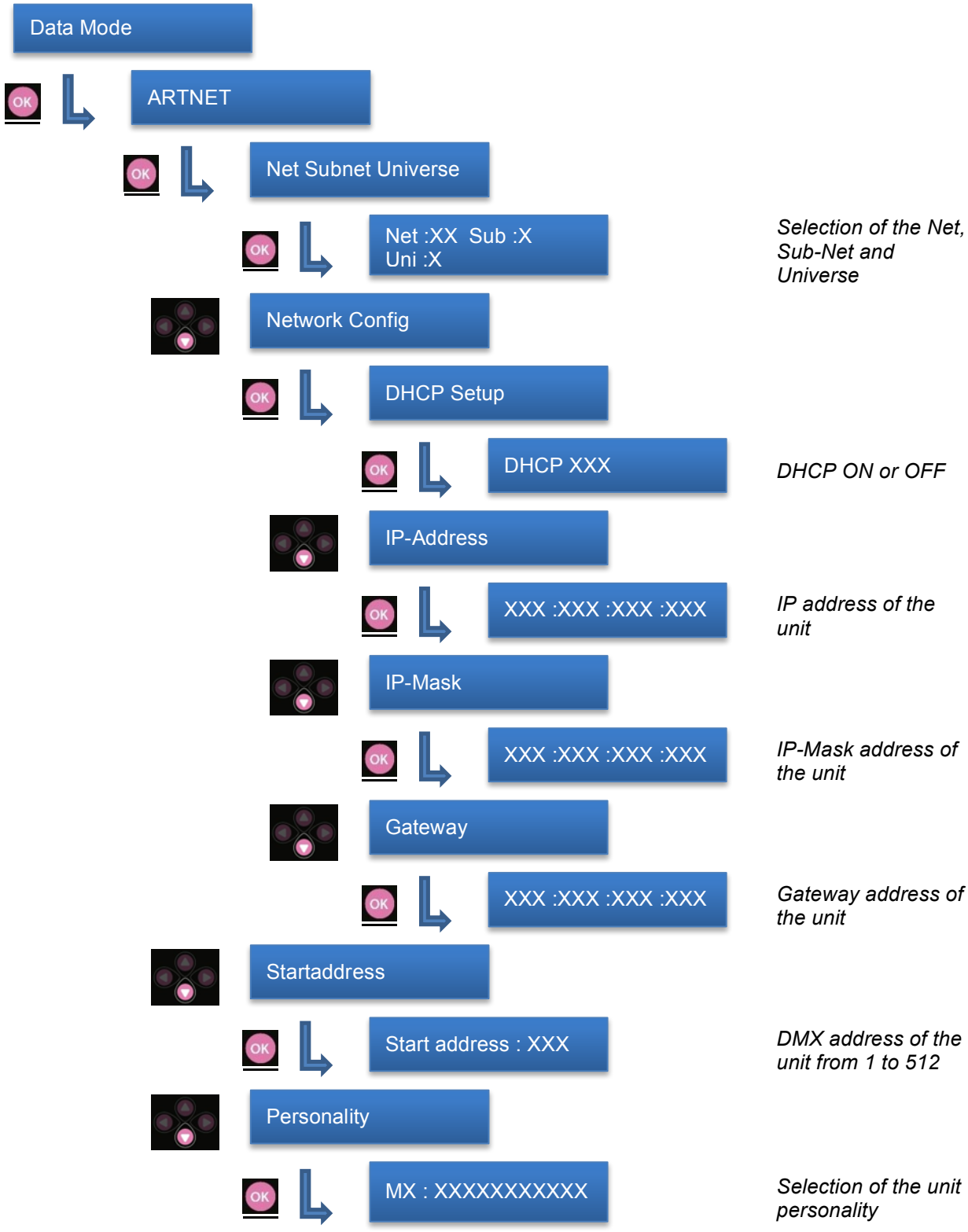
PID	Description	Commentary	ID	UID Description	get	set
Ox0002	DiscoveryMute					
Ox0003	DiscoveryUnmute					
Ox0050	(Get) SupportedParameters				X	
Ox0060	(Get) DeviceInfo				X	
Ox0070	(Get) ProductDetailIDList				X	
Ox0080	(Get) DeviceModelDescription				X	
Ox0081	(Get) ManufacturerLabel				X	
Ox0082	(Get/Set) DeviceLabel				X	X
Ox0090	(Get/Set) FactoryDefaults				X	X
Ox00C0	(Get) SoftwareVersionLabel				X	
Ox00E0	(Get/Set) DMX512Personality				X	
Ox00E1	(Get) DMX512PersonalityDescription				X	
Ox00F0	(Get/Set) DMX512StartingAddress				X	X
Ox0120	(Get) SlotInfo				X	
Ox0121	(Get) SlotDescription				X	
Ox0200	(Get) SensorDefinition				X	
Ox0201	(Get) SensorValue				X	
Ox0343	(Get/Set) Curve	E1.37-1			X	X
Ox0344	(Get) CurveDescription	E1.37-1			X	
Ox0345	(Get/Set) OutputResponseTime	E1.37-1			X	X
Ox0346	(Get) OutputResponseTimeDescription	E1.37-1			X	
Ox0400	(Get) DeviceHours				X	
Ox0401	(Get) LampHours				X	
Ox0500	(Get/Set) Display Invert				X	X
Ox0501	(Get/Set) Display Level				X	X
Ox0601	(Get/Set) Tilt Invert				X	X
Ox0641	(Get/Set) LockState	E1.37-1			X	X
Ox0642	(Get) LockStateDescription	E1.37-1			X	
Ox1000	(Get/set) IdentifyDevice				X	X

5.4 Art-Net remote control

5.4.1 Protocol: ***Artistic Licence Art-Net***

For more information about RDM protocol: http://art-net.org.uk/

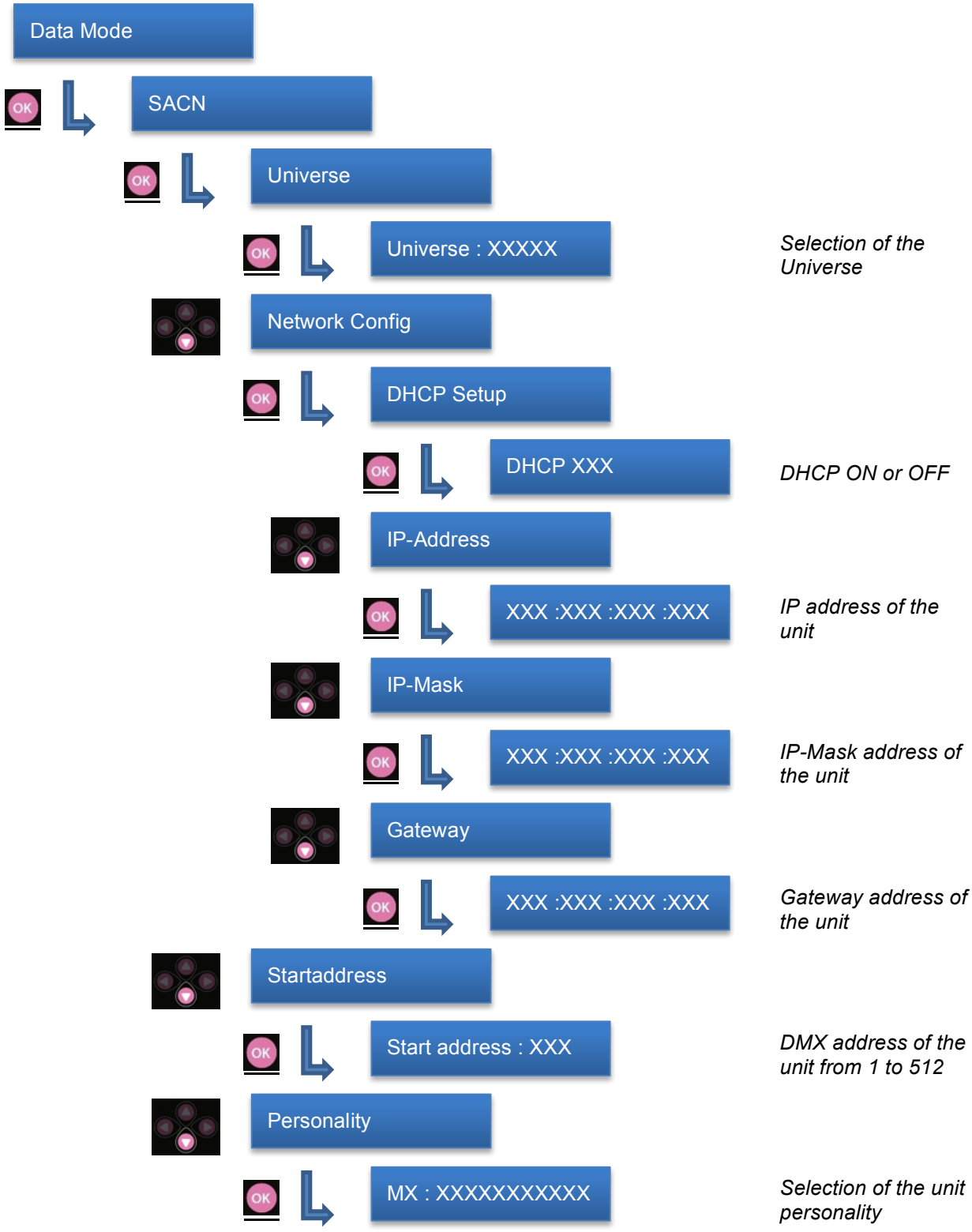
5.4.2 Configuration:



5.5 sACN remote control

5.5.1 Protocol: ANSI E1.31 – 2009 sACN (Streaming-ACN)

5.5.2 Configuration:



6 Service

6.1 Preventive maintenance

6.1.1 Frequency

General maintenance should be performed at least once a year or more frequently if the equipment is operated in adverse conditions (smoke, heat, humidity, touring, etc.).

6.1.2 General cleaning

Remove dust from the unit.
Front glasses can be cleaned with solutions containing alcohol.

6.1.3 General visual check

- No trace of heat.
- No loose contacts.
- No missing parts.
- Tighten mechanical assemblies (screws, bolts and nuts, etc.).

6.2 Analysis

In case of problem, contact RJ distributor with the following information:

- Model, version and serial number of the product.
- From the menu status:
    - Software version
    - LED board IDs
    - Device hours
- Description of the problem.

6.3 Electronic thermal management system

In case of overheating, light intensity will be reduced by the system. “Power reduction X%” will be shown on the display with the reducing percentage.

6.4 Firmware update

1. Firmware available on www.robertjuliat.com
2. Download and unzip the file
3. Switch on Dalis and config IP address (*DATAMODE>ARTNET>IP-CONF*):
    a. *DHCP* = OFF
    b. *ADDRESS* = AAA.BBB.CCC.XXX
    c. *MASK* = 255.0.0.0
    d. Exit to main menu to validate modifications
4. Set the Network IP of the computer :
    a. *ADDRESS* = AAA.BBB.CCC.YYY with YYY ≠ XXX
    b. *MASK* = 255.0.0.0
5. Connect Network from computer to Dalis, if you don´t have an Auto MDI-X or a switch, use a cross link cable
6. Open a web browser (Internet Explorer, Firefox, Chrome…)
7. Enter the URL address of the Dalis: http://AAA.BBB.CCC.XXX
8. First, install the Main Program
    a. Select the firmware file dalis860_VX.XX.upd
    b. Press submit button
9. Install the Bootloader
    a. Select the firmware file dalis_bootloaderVX.XX_boot.upd
    b. Press submit button
10. Update message displays on Dalis display
11. When the update is completed, the Dalis shows the new firmware version

6.5 Factory defaults

Select FACTORY DEFAULT in the main menu to reset all values and parametres

EN

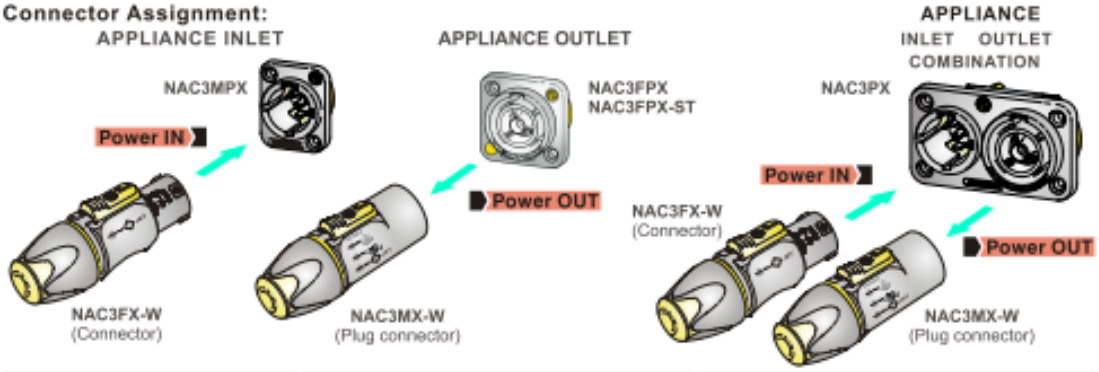
APPENDIX 1

OPERATING & ASSEMBLY INSTRUCTION
NAC3FX-W | powerCON TRUE1

A. OPERATING INSTRUCTION

Application:
The powerCON TRUE1 system is certified as connector with breaking capacity according IEC 60320, VDE 0625. It is intended for use as appliance couplers and interconnection couplers. It serves to supply power to an appliance and from an appliance to another equipment. To be installed by qualified person only.

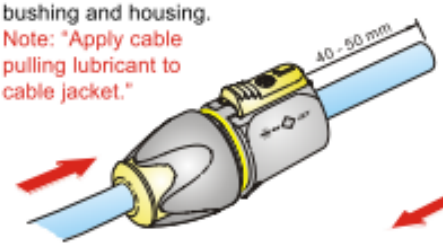
Connector Assignment:



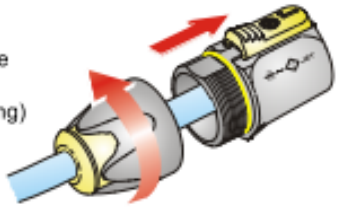
Approval based:	VDE EN 60320-1/EN60320-2-2 ✓	UL UL 498 / CSA C22.2 No. 182.3 ✓
Rating:	250 V ac / 16 A	250 V ac / 20 A
Cable Type:	H05VV-F3G 1.0 mm², Length max. 2 m H05VV-F3G 1.5 - 2.5 mm² H07RN-F3G 1.5 mm²	SJTOW, SJOOW 3 x 12 AWG
Strain Relief:	White chuck	White chuck
Cable O.D.:	6.0 - 12.0 mm	6.0 - 12.0 mm

B. ASSEMBLY INSTRUCTION

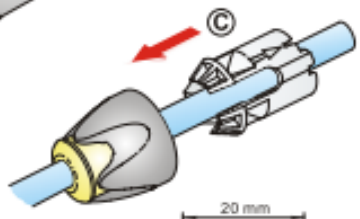
Ⓐ Insert cable into the bushing and housing.
Note: "Apply cable pulling lubricant to cable jacket."



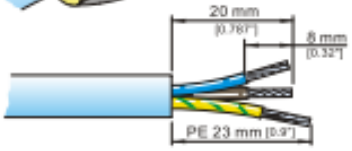
Ⓑ Separate the housing from the bushing (cable remain in bushing)

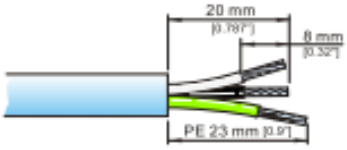


Ⓒ Place chuck over the cable.



Ⓓ Prepare cable as shown.





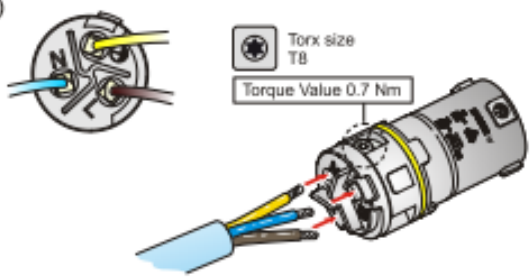
VDE (EN 60320-1/EN60320-2-2) | **UL** (UL 498 / CSA C22.2 No. 182.3)

EN

APPENDIX 1

ASSEMBLY INSTRUCTION | powerCON TRUE1

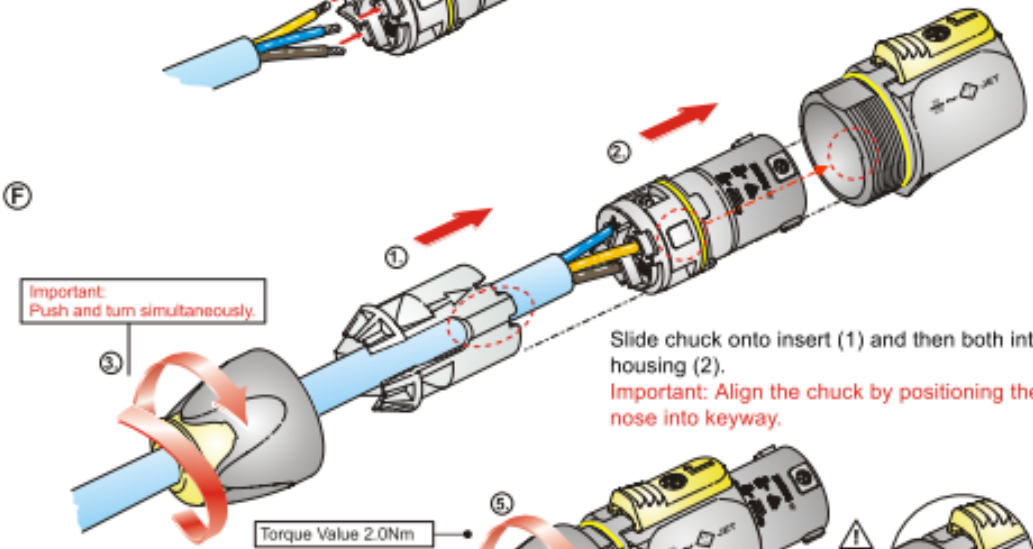
Ⓔ



Slide the cable into the contacts and clamp with the screw with Torx size T8.

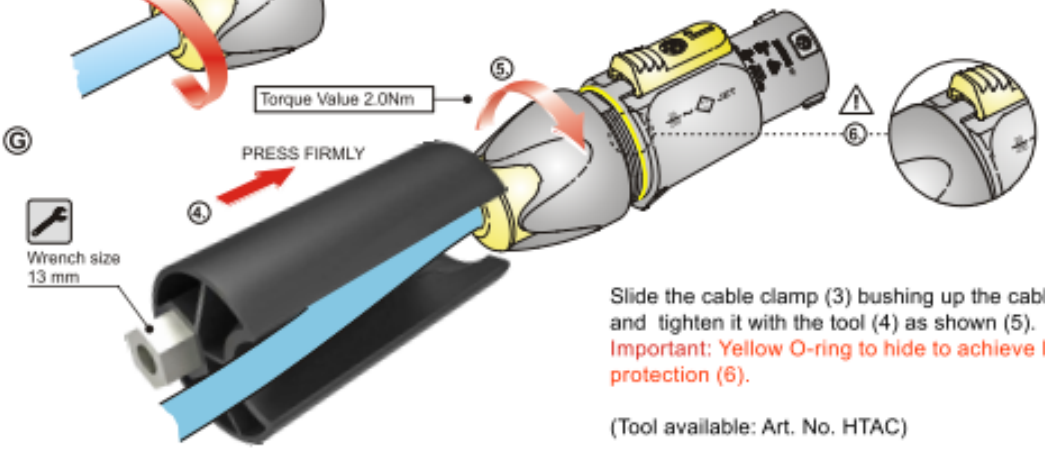
Wiring	VDE	UL
L ⇒	brown	black
N ⇒	blue	white
⏚ ⇒	green/yellow	green

Ⓕ



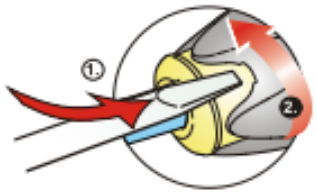
Slide chuck onto insert (1) and then both into housing (2).
Important: Align the chuck by positioning the nose into keyway.

Ⓖ



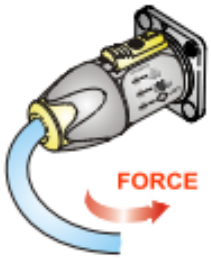
Slide the cable clamp (3) bushing up the cable and tighten it with the tool (4) as shown (5).
Important: Yellow O-ring to hide to achieve IP protection (6).

(Tool available: Art. No. HTAC)



Disassembly (open twist lock):

1. Press with screw driver to unlock
2. Turn bushing while still pressing locking.



CAUTION

To ensure protection category, do not expose the connection to bending forces (e.g. do not attach loads to the cable, no free-dangling cable windings etc.).

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NEUTRIK (UK) Ltd.	UK	T: +44 1963 / 811 441	F: +44 1963/811 439	NEUTRIK Hong Kong Ltd.	HK	T: +852/2687 6055	F: +852/2687 6052
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Draft. Nr.: BDA 378 | Update: 08.04.2014 |