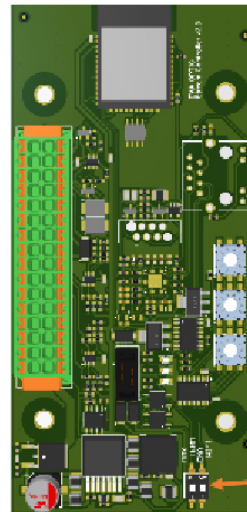


EVASTREAM / ECA

WEBAPP CONTROL

fan 24Vdc	-	1	2	+	fan 24Vdc
ppm output 2	-	3	4	+	ppm output 2
ppm output 1	-	5	6	+	ppm output 1
piezo 4 LED 12Vdc	-	7	8	+	piezo 4 LED 12Vdc
piezo 4 switch	sw	9	10	sw	piezo 4 switch
piezo 3 LED 12Vdc	-	11	12	+	piezo 3 LED 12Vdc
piezo 3 switch	sw	13	14	sw	piezo 3 switch
piezo 2 LED 12Vdc	-	15	16	+	piezo 2 LED 12Vdc
piezo 2 switch	sw	17	18	sw	piezo 2 switch
piezo 1 LED 12Vdc	-	19	20	+	piezo 1 LED 12Vdc
piezo 1 switch	sw	21	22	sw	piezo 1 switch
dmx G (shield)	G	23	24	G	dmx G (shield)
dmx in/out	-	25	26	-	dmx in/out
dmx in/out	+	27	28	+	dmx in/out
24Vdc in	-	29	30	-	24Vdc out
24Vdc in	+	31	32	+	24Vdc out



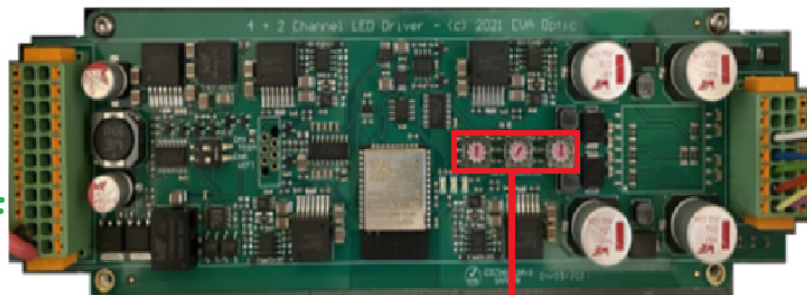
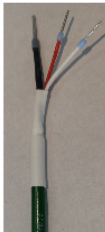
SETTING
EINSTELLUNG

0
0
0

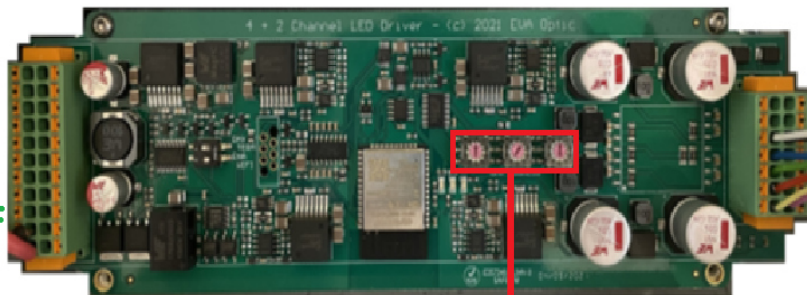
DMX
CABLE
110ohm

PIEZO 3 LED 12Vdc	-	1	2	+
PIEZO 3 Switch	sw	3	4	sw
PIEZO 2 LED 12Vdc	-	5	6	+
PIEZO 2 Switch	sw	7	8	sw
PIEZO 1 LED 12Vdc	-	9	10	+
PIEZO 1 Switch	sw	11	12	sw
DMX G (shield)	G	13	14	G
DMX - in/out	-	15	16	-
DMX + in/out	+	17	18	+
24V - dc in/out	-	19	20	-
24V + dc in/out	+	21	22	+

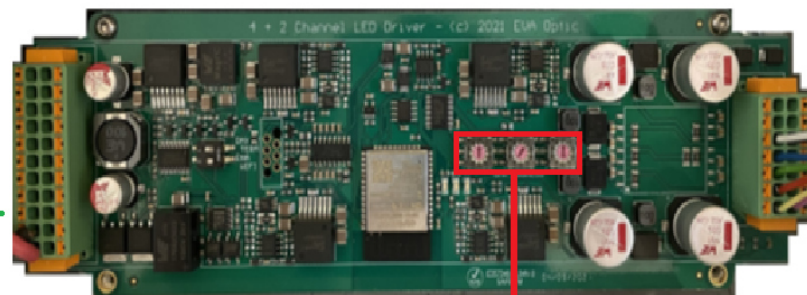
DMX
CABLE
110ohm



SLAVE 001



SLAVE 001 (or/oder GROUP X = 0xx)



SLAVE 001 (ALL/ALLE)
(or/oder GROUP X = 0xx)

multiple light groups/ mehrere Lichtgruppen

Group 1: DMX SLAVE 001 - (responds to EVAstream training / reagiert auf EVAstream Training)

Group 2: DMX SLAVE 011

Group 3: DMX SLAVE 021

Group 4: DMX SLAVE 031

EVA RGBW LED driver | Wiring Diagram LED driver 4+2 channel for EVA RGBW lighting

Article: SP-DR-DMX-4CH

Connect wires according to schematics below, use wire colors as indicated:

PIEZO 3 LED 12Vdc	-	1	2	+
PIEZO 3 Switch	sw	3	4	sw
PIEZO 2 LED 12Vdc	-	5	6	+
PIEZO 2 Switch	sw	7	8	sw
PIEZO 1 LED 12Vdc	-	9	10	+
PIEZO 1 Switch	sw	11	12	sw
DMX G (shield)	G	13	14	G
DMX - in/out	-	15	16	-
DMX + in/out	+	17	18	+
24V - dc in/out	-	19	20	-
24V + dc in/out	+	21	22	+



DMX TERMINATOR, STANDARD OFF, SET AT LAST PCB ON

WIFI CONNECTION, STANDARD OFF, FOR PCB SETTINGS AND SYSTEM ANALYSE ON

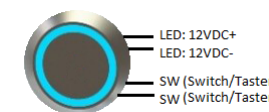
STATUS LED

ROTARY SWITCHES

001 - 511 DMX ADDRESS (SLAVE)

600 - 999 MASTER MODES

IMPORTANT: DO NOT CONNECT WIRES OR CHANGE ROTARY SETTINGS WHEN POWERED ON



Wire colour for each Piezo type different

Couleur de fil différente pour chaque type de piézo

Color de cable diferente para cada tipo piezoeléctrico

Aderfarbe per Piezo Typ unterschiedlich

Aderkleur per Piezo type verschillend

CH6 = 0/10VDC	+	1	2	-	
CH5 = 0/10VDC	+	3	4	-	
CH4 = WHITE	+	5	6	-	1X BLACK
CH3 = BLUE	+	7	8	-	
CH2 = GREEN	+	9	10	-	
CH1 = RED	+	11	12	-	
NTC	+	13	14	-	

CHANNEL 1 - 4 = LIGHTOUTPUT EVA RGBW

CHANNEL 5 - 6 = 0-10Vdc DIMMING OUTPUT

NTC INPUT = EVA ATS (THERMAL PROTECTION OF LED)

Master Mode:

First print (master) = Rotary address 605:

Piezo 1: light scene NEXT

Piezo 2: light scene PREVIOUS

Piezo 3: ON/OFF

Use Piézo 1 SW 11/12 for controlling by pulse, remote control, ,
Piézo or domotica.

Sequence scenes (with scene memory):

*White/Sky Blue/Blue/Mediterranean/Green/Red/ Purple/Colour
Show Fade/Colour Show Jump*

Next prints (slaves) = Rotary address 001 – 511 (slave mode)

Alternative Master mode

600: no scene memory

615: sequence scenes (with scene memory): White/Sky
Blue/Blue/Mediterranean/Green/Red/ Purple/Colour Show
Fade/Colour Show Jump/OFF

External DMX512 control

All PCB's DMX address 001 to 511

Depending on the DMX programming

Mostly address 001 at all PCB.

Examples, in combination with:

- EC2 DMX controller: 001
- EVA-AA-77 AND EVA-AA-77SL with standard program: 001
- EVAstream: 001

Status leds

Orange: DMX is connected or PCB set as Master

Green flashing with high sequence: Starting software on PCB |

Green flashing with sequence of 1 sec: PCB is ready.

Red: An Issue has occurred. (please check the webapp (via WIFI) for the event details)

If there occur problems with the operation of the PCB, you can read the PCB via WIFI. See manual WIFI Connection.

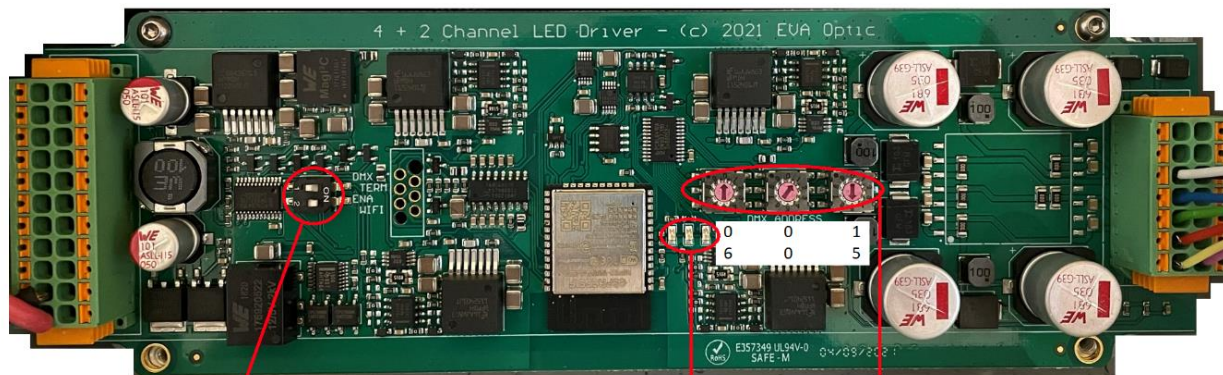
ATTENTION: The automatic start-up procedure takes approx. 30 seconds. During this procedure the lights will first light up blue (softly). After that they will flash white. Start-up procedure is ready now.

EVA RGBW LED driver | Aansluitschema LED driver 4+2 channel voor EVA RGBW verlichting

Artikel: SP-DR-DMX-4CH

Sluit bedrading aan volgens onderstaand schema, gebruik de kleuren bedrading als aangegeven:

PIEZO 3 LED 12Vdc	-	1	2	+
PIEZO 3 Switch	sw	3	4	sw
PIEZO 2 LED 12Vdc	-	5	6	+
PIEZO 2 Switch	sw	7	8	sw
PIEZO 1 LED 12Vdc	-	9	10	+
PIEZO 1 Switch	sw	11	12	sw
DMX G (shield)	G	13	14	G
DMX - in/out	-	15	16	-
DMX + in/out	+	17	18	+
24V - dc in/out	-	19	20	-
24V + dc in/out	+	21	22	+



DMX TERMINATOR, STANDARD OFF, SET AT LAST PCB ON
WIFI CONNECTION, STANDARD OFF, FOR PCB SETTINGS AND SYSTEM ANALYSE ON

STATUS LED

ROTARY SWITCHES
001 - 511 DMX ADDRESS (SLAVE)
600 - 999 MASTER MODES

IMPORTANT: DO NOT CONNECT WIRES OR CHANGE ROTARY SETTINGS WHEN POWERED ON

Master Modus:

Eerste print (master) = Rotary adres 605:

Piezo 1: licht scene VOLGENDE
Piezo 2: licht scene VORIGE
Piezo 3: AAN/UIT

Volgende prints (slaves) = Rotary adres 001-511 (slave mode)

Gebruik Piezo 1 SW 11/12 voor bediening middels pulsdrucker, afstandbediening, piezo of domotica.

Volgorde scenes (met scene memory):
Wit/Sky Blue/Blue/ Mediterranean/Groen/Rood/Paars/
Kleurshow Fade/ Kleurshow Jump

Alternatieve master modus:

600: geen scene memory aanwezig

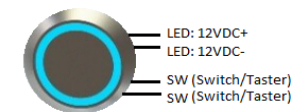
615: volgorde scenes (met scene memory): Wit/Sky Blue/Blue/
Mediterranean/Groen/Rood/Paars/
Kleurshow Fade/Kleurshow Jump/UIT

Externe DMX512 aansturing

Alle printplaten DMX adres 001 t/m 511. Afhankelijk van de DMX programmering meestal adres 001. Voorbeelden in combinatie met:

EC2 DMX controller: 001

EVA-AA-77 en EVA-AA-77SL: met standaard programma 001
EVAstream: 001



Wire colour for each Piezo type different
Couleur de fil différente pour chaque type de piézo
Color de cable diferente para cada tipo piezoeléctrico
Aderfarbe per Piezo Typ unterschiedlich
Aderkleur per Piezo type verschillend

CH6 = 0/10VDC	+	1	2	-	
CH5 = 0/10VDC	+	3	4	-	
CH4 = WHITE	+	5	6	-	1X BLACK
CH3 = BLUE	+	7	8	-	
CH2 = GREEN	+	9	10	-	
CH1 = RED	+	11	12	-	
NTC	+	13	14	-	

CHANNEL 1 - 4 = LIGHTOUTPUT EVA RGBW
CHANNEL 5 - 6 = 0-10Vdc DIMMING OUTPUT
NTC INPUT = EVA ATS (THERMAL PROTECTION OF LED)

Status leds

Orange: DMX is connected or PCB set as Master
Green flashing with high sequence: Starting software on PCB
Green flashing with sequence of 1 sec: PCB is ready.
Red: An Issue has occurred. (please check the webapp (via WIFI) for the event details)

Als zich problemen voordoen met de werking van de PCB, is het mogelijk om deze via wifi uit te lezen. Hiervoor verwijzen wij naar de handleiding WIFI connectie.

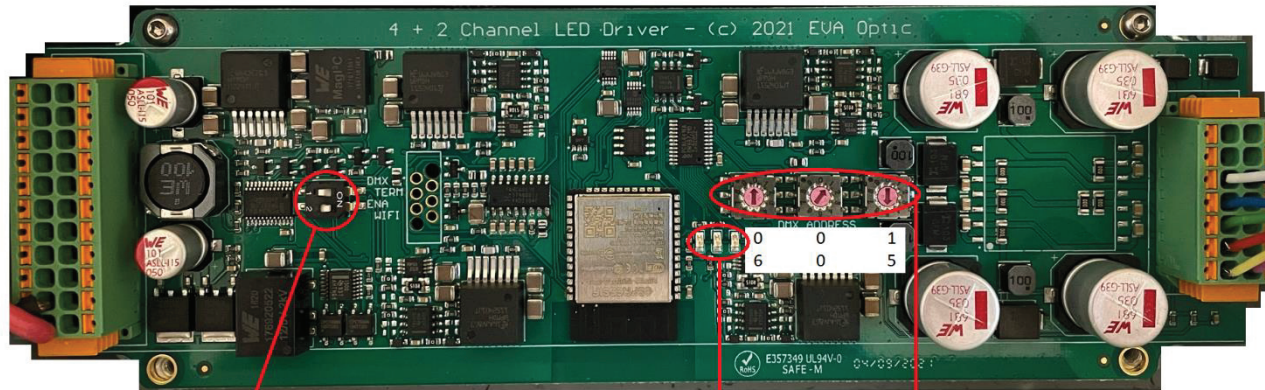
LET OP: De automatische opstartprocedure duurt ca. 30 seconden. Tijdens deze procedure gaat de verlichting eerst blauw branden. Daarna gaan ze wit knipperen. De opstartprocedure is afgerond.

EVA RGBW LED Driver | Schaltplan LED Driver 4+2 Kanal für EVA RGBW Leuchte

Artikel: SP-DR-DMX-4CH

Kabel nach folgendem Schema anschließen, Kabelfarben wie abgebildet:

PIEZO 3 LED 12Vdc	-	1	2	+
PIEZO 3 Switch	sw	3	4	sw
PIEZO 2 LED 12Vdc	-	5	6	+
PIEZO 2 Switch	sw	7	8	sw
PIEZO 1 LED 12Vdc	-	9	10	+
PIEZO 1 Switch	sw	11	12	sw
DMX G (shield)	G	13	14	G
DMX - in/out	-	15	16	-
DMX + in/out	+	17	18	+
24V - dc in/out	-	19	20	-
24V + dc in/out	+	21	22	+

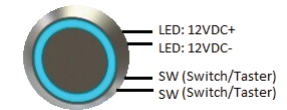


DMX TERMINATOR, STANDARD AUS, BEI LETZTE PLATINE EINSCHALTEN
WIFI VERBINDUNG, STANDARD AUS, FÜR PLATINE EINSTELLUNGEN UND ANALYSE EINSCHALTEN

STATUS LED

DREH-SCHALTER
001-511 DMX ADRESSE (SLAVE)
600-999 MASTER MODUS

WICHTIG: SCHLIESSEN SIE KEINE KABEL AN UND ANDERN KEINE EINSTELLUNGEN, WAHREND DAS GERÄT EINGESCHALTET IST



Wire colour for each Piezo type different
Couleur de fil différente pour chaque type de piézo
Color de cable diferente para cada tipo piezoeléctrico
Aderfarbe per Piezo Typ unterschiedlich
Aderkleur per Piezo type verschillend

CH6 = 0/10VDC	+	1	2	-	
CH5 = 0/10VDC	+	3	4	-	
CH4 = WEISS	+	5	6	-	1X SCHWARZ
CH3 = BLAU	+	7	8	-	
CH2 = GRÜN	+	9	10	-	
CH1 = ROT	+	11	12	-	
NTC	+	13	14	-	

AUSGANG 1-4 = LICHTLEISTUNG EVA RGBW
AUSGANG 5-6 = 0-10VDC DIMMAUSGANG
NTC EINGANG = EVA ATS (THERMISCHER SCHUTZ DER LED)

Master-Modus:

First Print (Master) = Drehschalter-Adresse 605:

Piezo 1: Lichtszene FOLGENDE
Piezo 2: Lichtszene VORIGE
Piezo 3: AN/AUS

Nutzen Sie Piezo 1 SW 11/12 für die Steuerung durch
Impuls, Fernsteuerung, Piezo oder Domotica.

Nächste Prints (Slaves) = Drehschalter-Adresse 001
(Slave-Modus)

Sequenz Szenen (mit Szenen-Memory):

Weiß/Himmelblau/Blau/Mediterran/Grün/Rot/Lila/Farbshow Fade/Farbshow Jump

Slave-Modus:

Drehschalter DMX Adresse 1 - 511 Slave-Modus

Alternative Master-Modus

600: kein Szenen-Memory

615: Sequenz Szenen (mit Szenen-Memory):
Weiß/Himmelblau/Blau/Mediterran/Grün/Rot/
Lila/Farbshow Fade/Farbshow Jump/AUS

Externe DMX512 Steuerung

DMX-Adresse aller PCB's 001 to 511
Abhängig der DMX-programmierung
Meist Adresse 001 auf allen Platinen.

Beispiele in Kombination mit:

- EC2 DMX controller: 001
- EVA-AA-77 UND EVA-AA-77SL mit Standardprogramm: 001
- EVAstream: 001

Status-LEDS

Orange: DMX is angeschlossen oder Platine als Master eingestellt
Grün blinkend mit Hochfrequenz: Software auf Platine starten
Grün blinkend mit Sequenz von 1 Sek: Platine ist fertig.
Rot: ein Problem ist aufgetreten. (bitte überprüfen Sie die Webapp (über WIFI) für die Veranstaltungsdetails)

Wenn es Probleme mit dem Betrieb der Platine gibt, können Sie die Platine über WIFI auslesen. Siehe Handbuch WIFI Verbindung.

ACHTUNG: Der automatische Startvorgang dauert ca. 30 Sekunden. In dieser Zeit leuchten die Lämpchen zunächst blau (schwach). Danach blinken sie weiß. Der Startvorgang ist nun abgeschlossen.