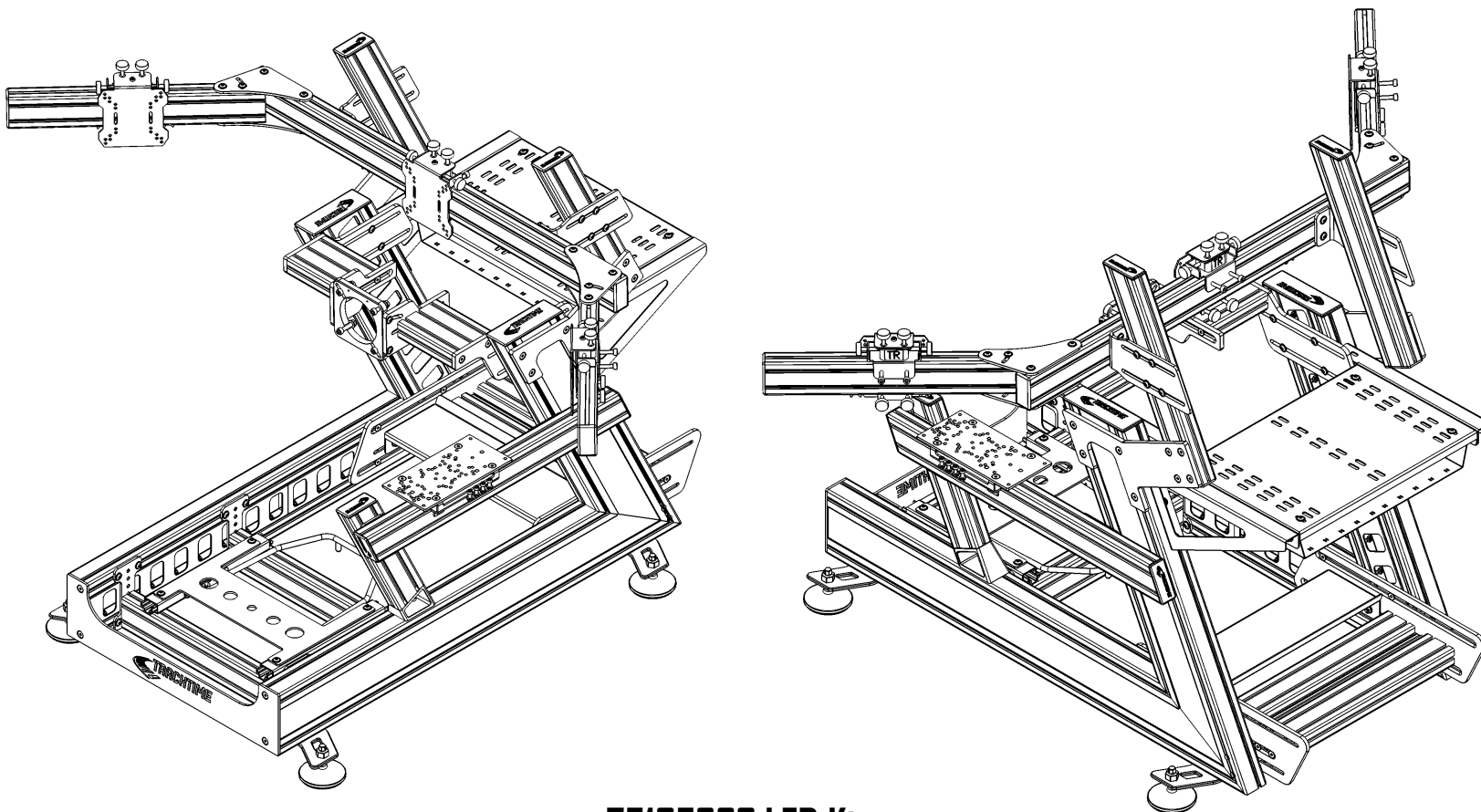# TRACKTIME

series/one

75105660 LED Kit

Version 1.1
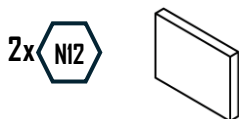
Before starting the Build:

The following are needed for assembly:

- Soft base / underlay (Scratch protection)
- Set of hex wrenches
- Tape Measure / Ruler

Read the manual first. All remarks are important and could help you avoid problems.

Use BOM (Bill of Material) to find the sizes and lenghts of the parts.
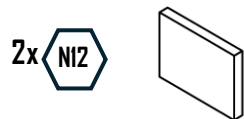
TRACKTIME
series one

Apply 2 pieces of sticking pads to the underside of the LED controller and stick it middle to the powersupply case.

Connect the powersupply 12V outlet cable to the LED controller 12V input

1x N1

1x N2

2x N12

N1

N2

LED Kit

2x ⬡NI2⬡

Apply two more sticking pads to the other side of the powersuppy

LED Kit

4x ⬡ N4

LED Kit

Connect the open end of the cable set to the GPIO2 Port

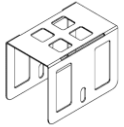White -> G
Green -> D
Red -> V

⬡ N4
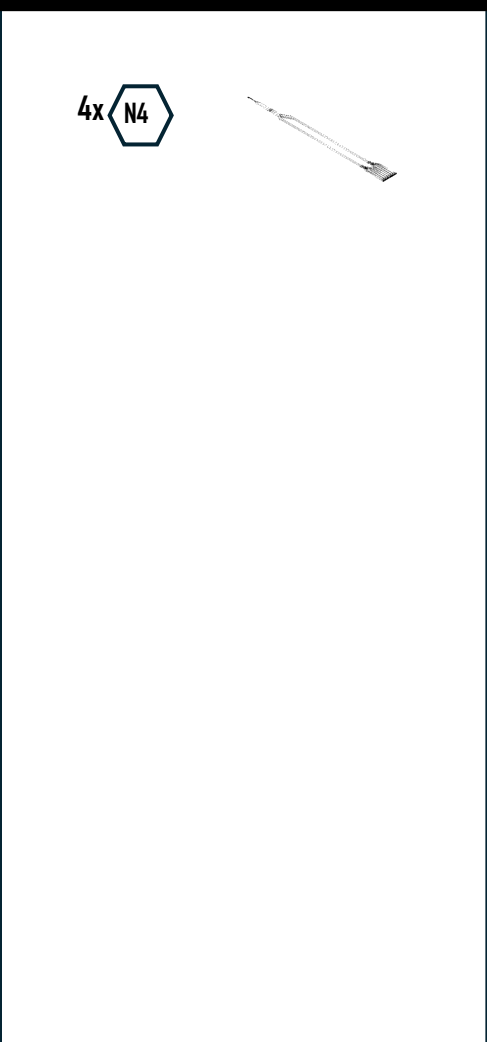
Remove the protection foil from the powersupply's double sided tape and stick the unit to the backside of the front support bar A14 of the rig.
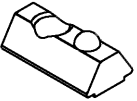
N4

1x N3

2x N6

2x N7

Mount the N3 holder bracket with 2 N7 T-Nutsand two N6 M8x16 screws. Adjust the position that the two buttons „reset" and „opt" are reachable through the cutouts and that the bracket slighty presses against the powersupply / controller stack.

We show our 3d printed bracket here in the pictures. You will have a nice metall version in your kit.

LED Kit

2x N8 — 1140mm

2x N9 — 1000mm

2x N10 — 750mm

2x N11 — 690mm

2x N7

Please clean the aluminium surface first with cleaning Alkohole, before applying the stripes.

It is really important that the LED strip is 100% perfectly applied into the LED slot in the profile so the full surface of the double sides tape has contact to the aluminium profile. The Stripe need to be pressed to the profile with your fingers.

For better sticking effect. Please apply a high adhesion 3M Sticking tape under the solder / cable area of the stripe.

Do the same for the left an right side

--- read next page first ! ---
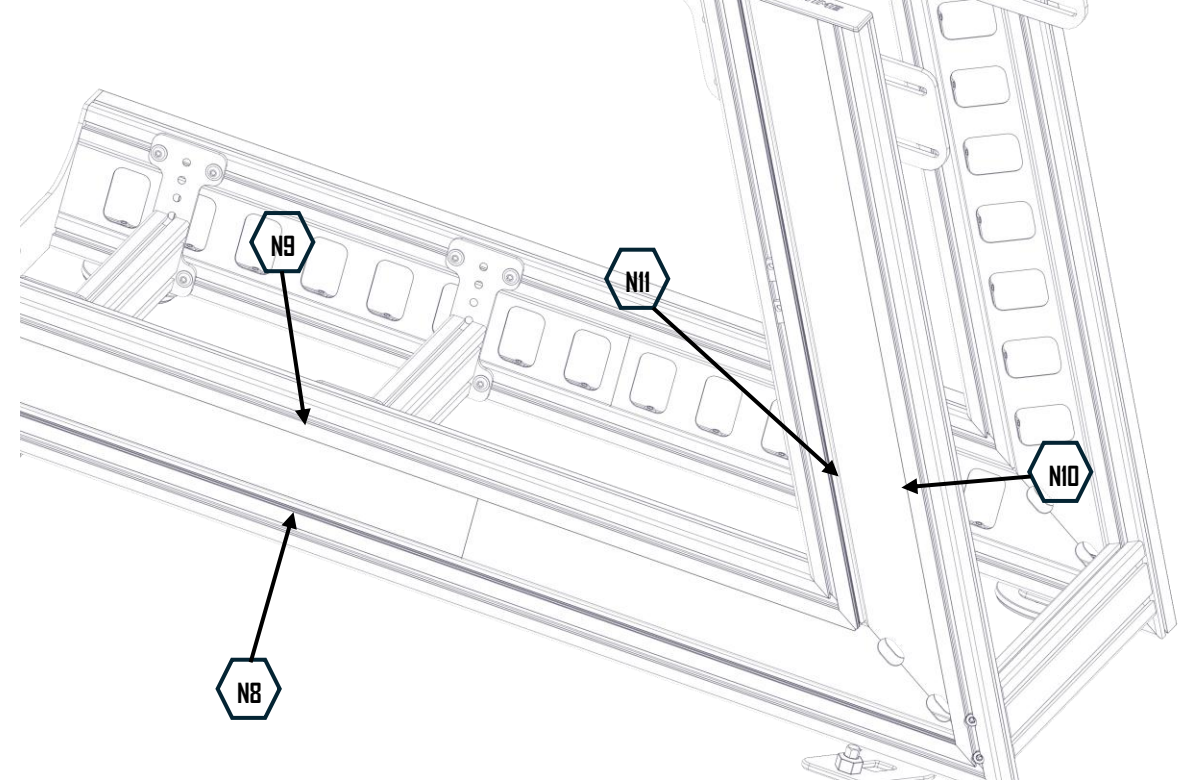
 LED stripes only can be cut at special segments. That's the reason why the stipes cannot fit 100% to the needed length of the Aluminium profile.

We need to adjust the sticking position according to the lenght of the stripe.

Always use the outer end of the stripe (= rear or top position of the aluminium profile)

That results in maybe a slightly overlapping stripe position at the rigs bend. See pictures. That is normal and here we need to secure the cables with a cable tie after you routed them through the cutout. Route the cable through the cutout at the opposite side of the steel profile, too.

Start applying from the rear / top end
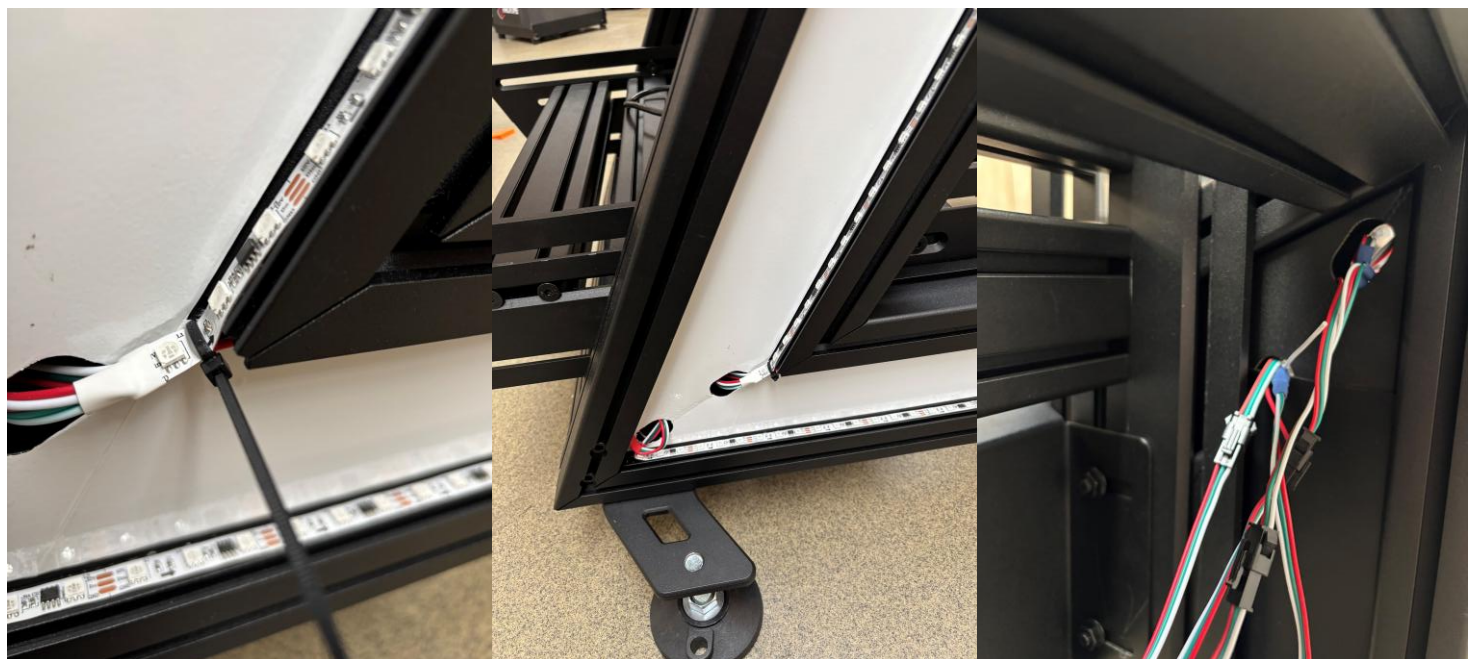
Fasten the cable tie gently

Route through the outer cutouts

Route through the inner cutouts and connect the plugs to the controllers connectors.

- Connect the WLED Controller to the powersocket / Turn on on power socket

- Open the WLAN Menu on your cellphone and select the „WLED-AP" network
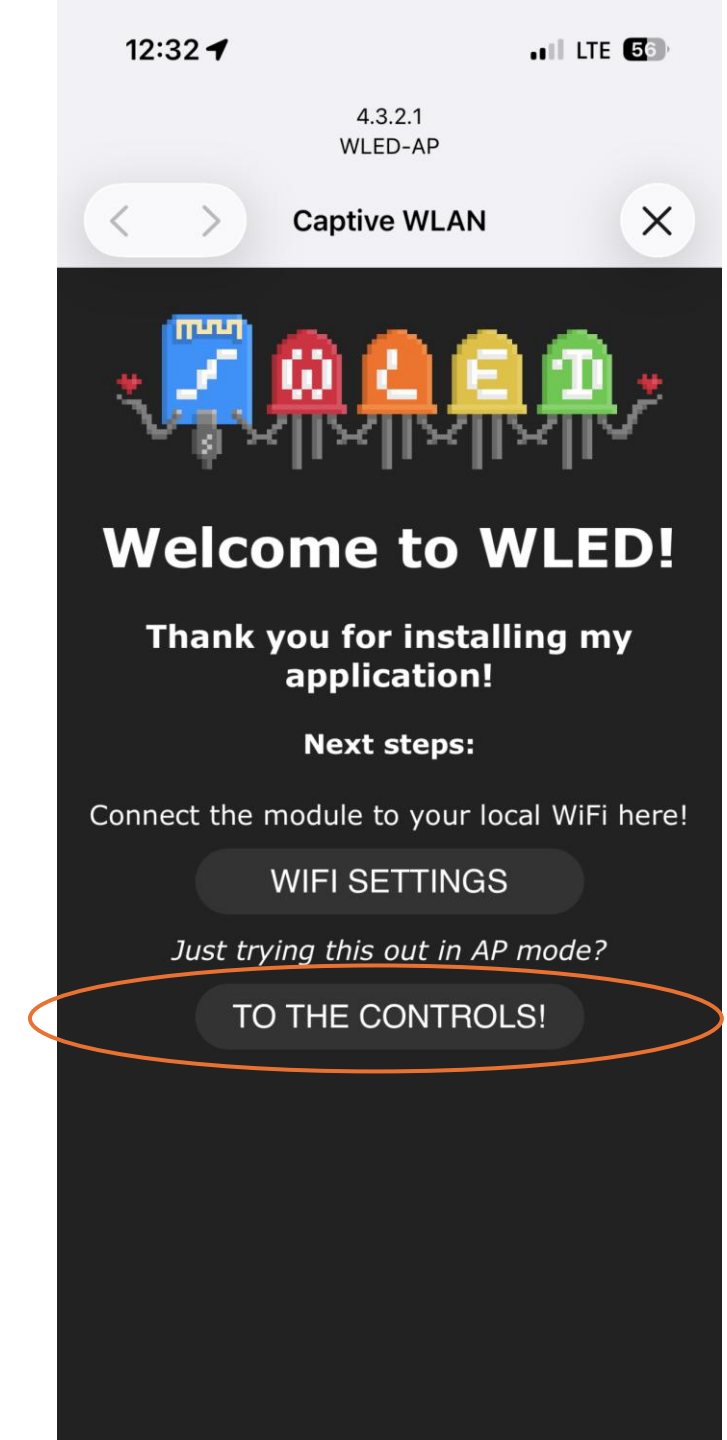
Enter password:

wled1234

LED Kit
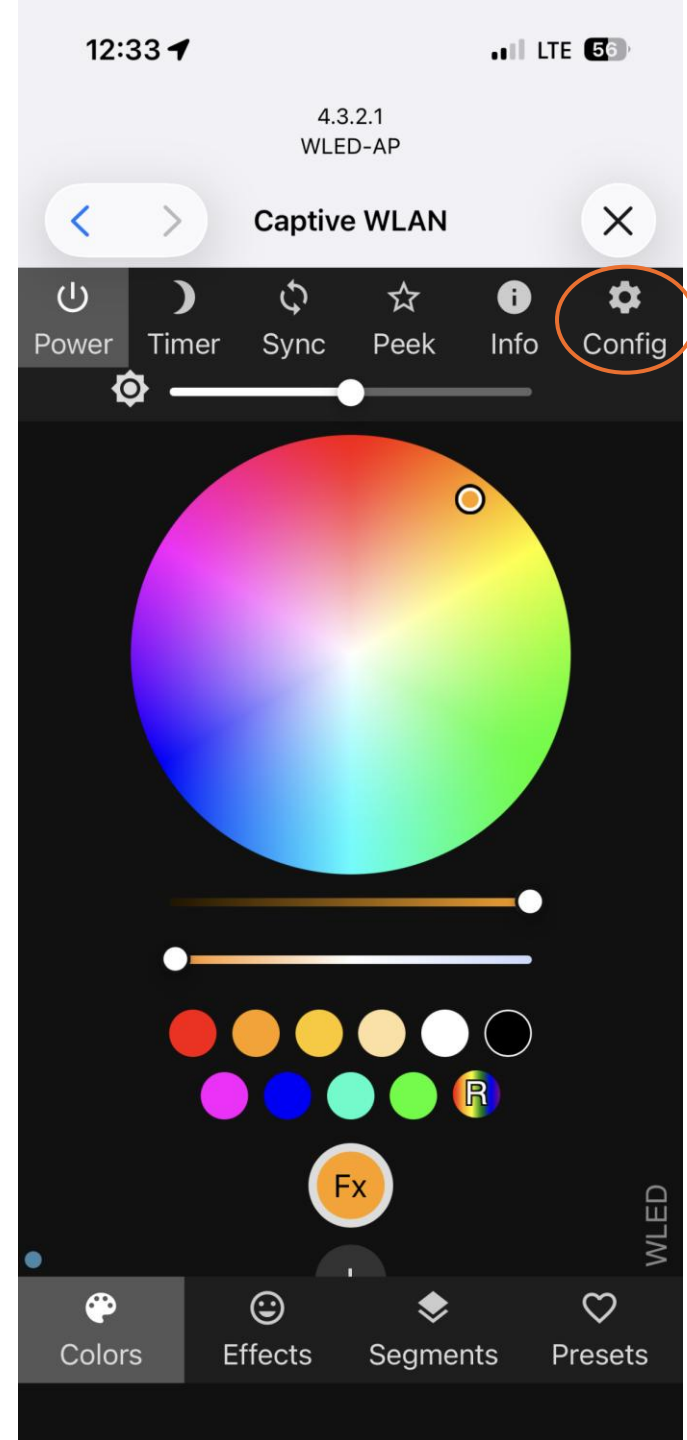
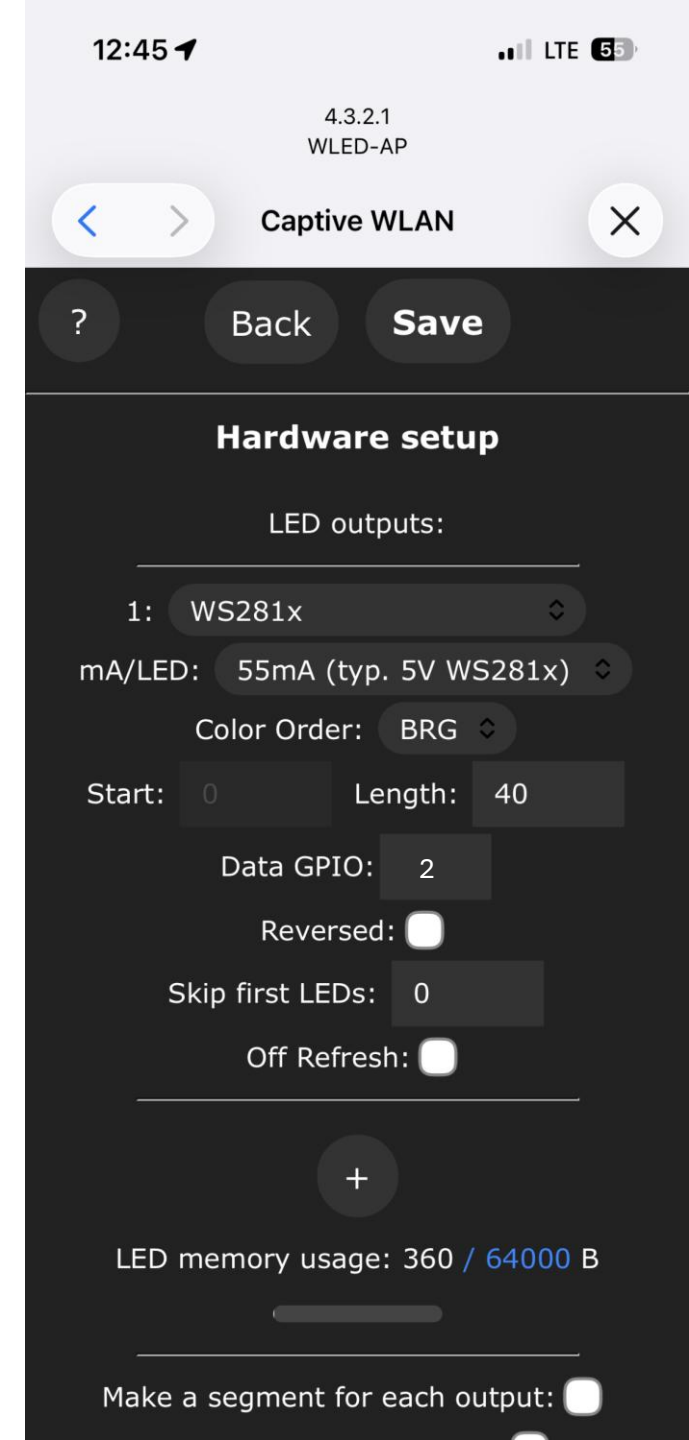- WLED will open it's frontend
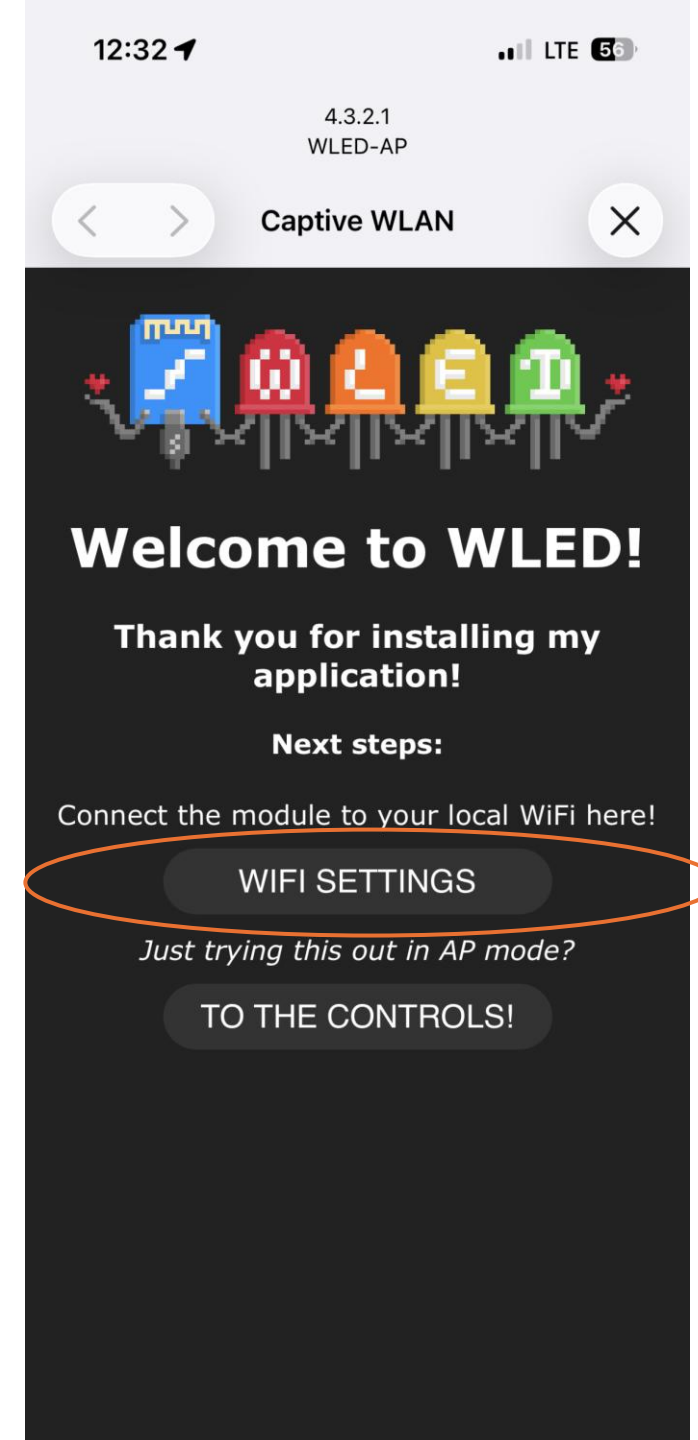
- Select „to the controls"

LED Kit

- Select the „config" button

LED Kit

- Enter these values / settings
- Save settings by pressing „save"
- Leave hardware setup by pressing back.

12:45

4.3.2.1
WLED-AP

Captive WLAN

?　　Back　　Save

Hardware setup

LED outputs:

1:　WS281x

mA/LED:　55mA (typ. 5V WS281x)

Color Order:　BRG

Start:　0　　Length:　40

Data GPIO:　2

Reversed:

Skip first LEDs:　0

Off Refresh:

+

LED memory usage: 360 / 64000 B

Make a segment for each output:

LED Kit

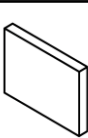In „WIFI settings" you can connect the WLED controller permanently to your home WLAN
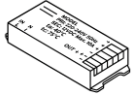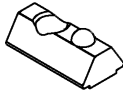
LED Kit

In the „controls" menu you can setup your leds. You can define a solid color or you can choose between many many special effects.
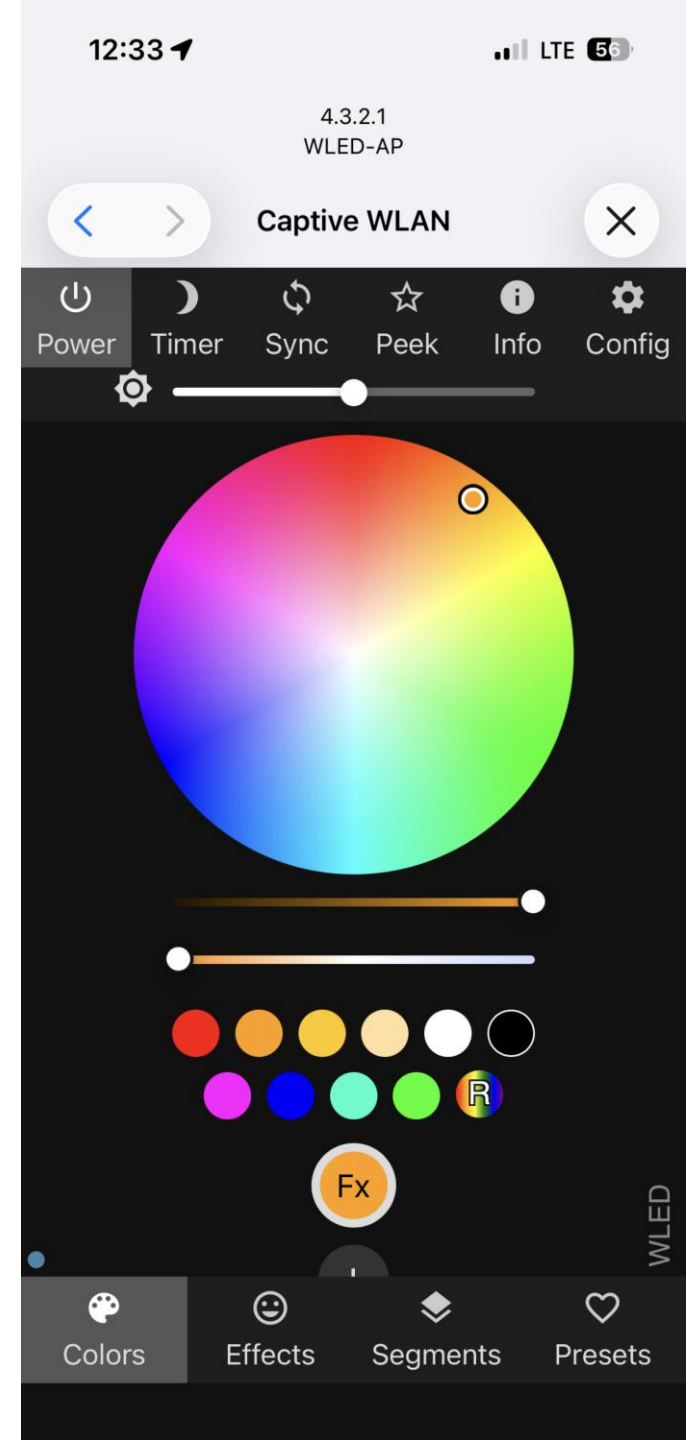
75105660 LED Kit

Part	Picture	Order. No.	Article	Pieces	Part	Picture	Order. No.	Article	Pieces
N1		90018693	Led Controller	1	N7		75190016	T-Nut M8	2
N2		90018694	Power Supply	1	N8		90018702	LED Stripe 1140mm Lower Frame UP	2
N3		75121197	Holder Bracket	1	N9		90018701	LED Stripe 1000mm Lower Frame DOWN	2
N4		90018695	Connection Cable Set	1	N10		90018699	LED Stripe 750mm Steering Rack FRONT	2
N5		75190973	3M Doublesided Tape	1	N11		90018700	LED Stripe 690mm Steering Rack REAR	2
N6		68320084	Lensscrew M8x16	2	N12		65210445	Doublesided Stickingpad	6

75105660 LED Kit

Part	Picture	Order. No.	Article	Pieces
N13			Cable Tie	2

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Need help? Scan for help & resources
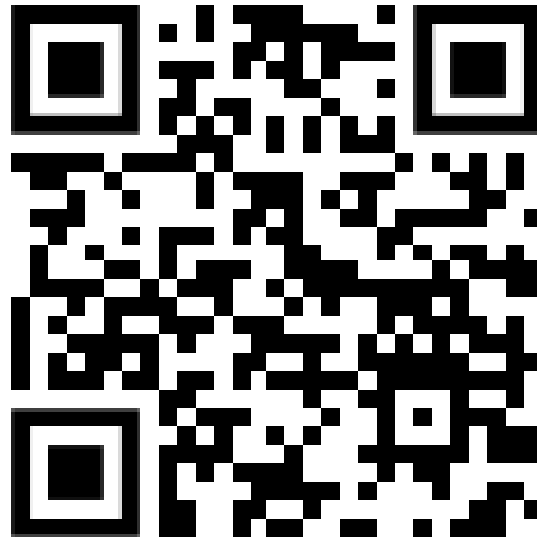
If you have any further questions about assembling this product or about the manual itself, please contact our support department. You can reach them at

info@track-time.de