

INSTALLATION MANUAL

7820B/RGBW

LED
BUILT IN



24V DC | SMD 5050 | 60LEDs/m | 19W/m | IP20 | SPI | TUYA
Requires 24V DC driver.
Supplied in 5m roll with double face adhesive tape.

Cut every 10cm (6-LED segment)



one
LIGHT

A. CUT:

The LED strip can be cut every 10cm (6-LED segment) at the clearly marked positions. Cut carefully at the desired length by using a sharp pair of scissors.

B. INSTALLATION:

Remove the 3M double face adhesive tape from the LED strip gradually during installation and fix into the required position.

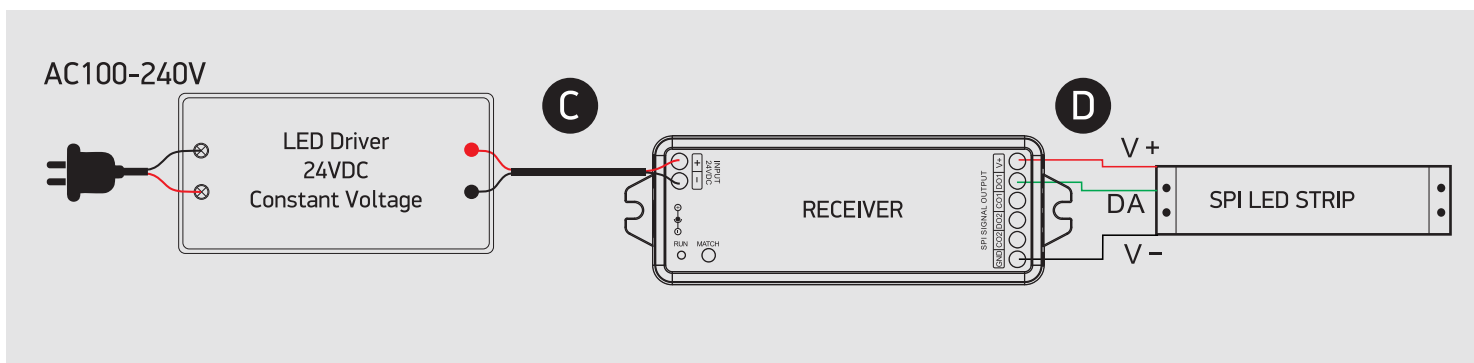
C. CONNECT: the receiver to the 24V DC LED Driver.

D. CONNECT: the LED strip to the receiver. Ensure that the polarity is correct:

V+ on the receiver is the red wire, **DO1** on the receiver is the green wire, **GND** on the receiver is the white wire.



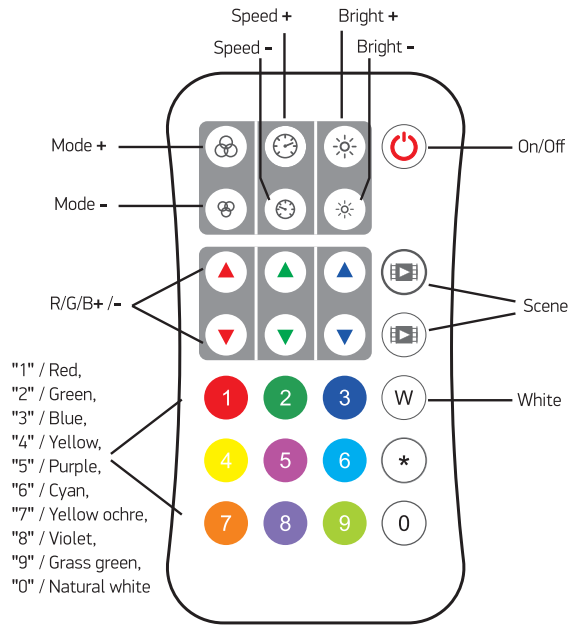
WIRING DIAGRAM:



Warnungen:

1. Die Montagefläche muss sauber, trocken und frei von Staub oder Fett sein.
2. Stellen Sie sicher, dass das Produkt ordnungsgemäß installiert ist, bevor Sie es an den Strom anschließen.
3. Biegen, falten oder verdrehen Sie den LED-Streifen nicht.
4. Biegen Sie den LED-Streifen nicht, um ihn in Ecken zu installieren.
5. Üben Sie keinen übermäßigen Druck auf die Oberfläche des LED-Streifens aus.
6. Decken Sie den LED-Streifen nicht mit Materialien ab.
7. Installieren Sie den LED-Streifen nicht bei Umgebungstemperaturen unter -10°C oder über 45°C.
8. Behandeln Sie den LED-Streifen stets vorsichtig.
9. Der LED-Streifen sollte keinem direkten Sonnenlicht ausgesetzt werden.
10. LED-Streifen aus unterschiedlichen Chargen können geringfügige Farbabweichungen aufweisen (CCT±150K).
11. Wartung und Installation dürfen nur von einer qualifizierten Elektrofachkraft durchgeführt werden.

REMOTE CONTROL:



Mode + / -

Short press switch dynamic mode,
long press 2s Mode+ run mode cycle,
long press 2s Mode- run the first mode.

Speed + / -

Short press 10 levels,
long press 2s get the fastest/slowest speed.

Bright + / -

Short press 10 levels,
long press 1-6s for continuous 256 levels adjustment.

R/G/B + / -

Adjust R/G/B brightness respectively.
Short press 10 levels,
long press 1-6s for continuous 256 levels adjustment.

White

Short press turn on/off W channel,
long press 1-6s adjust W channel brightness continuously.

Scene

Short press recall the scene,
long press 2s save the current colour into the scene.

MATCH REMOTE CONTROL:

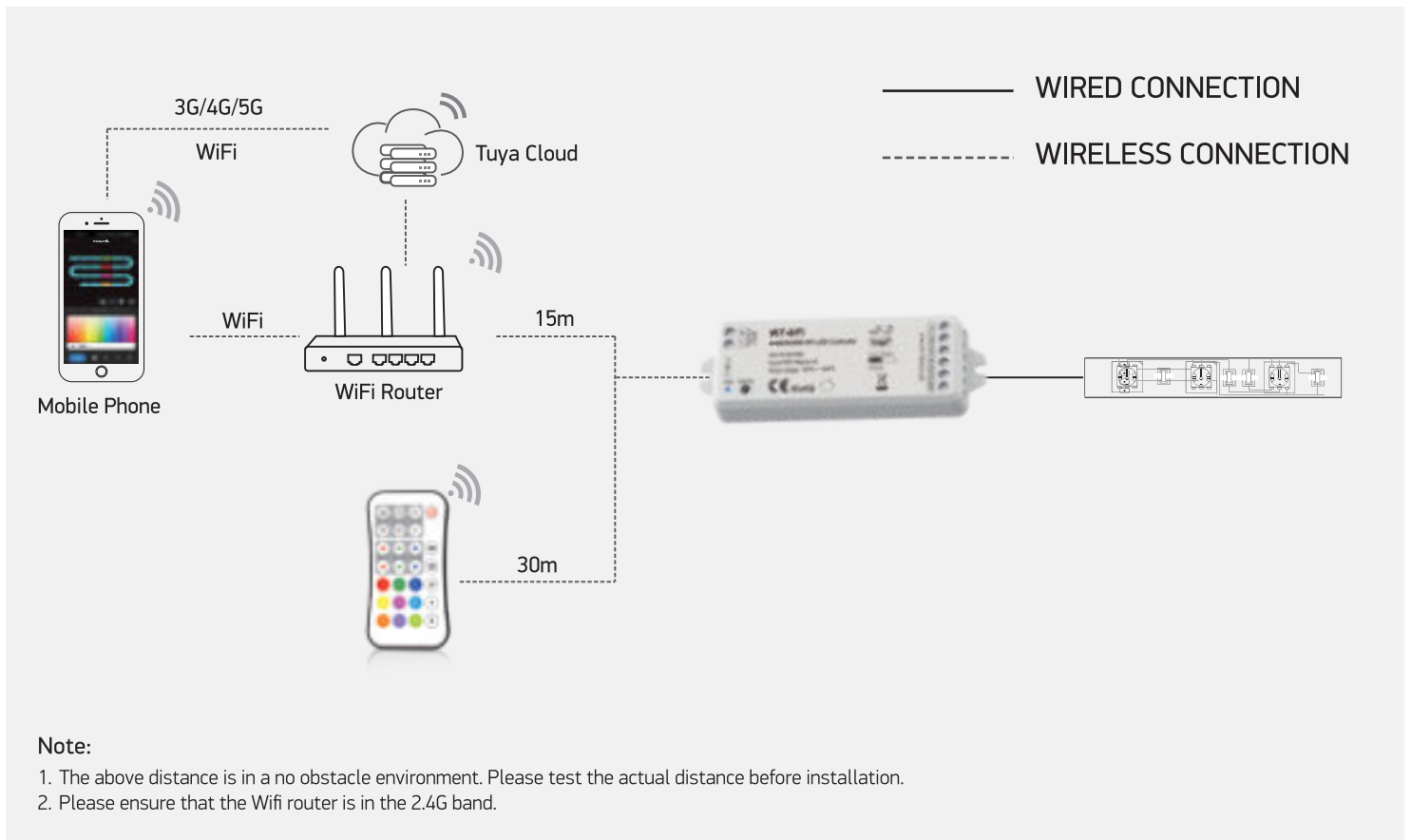
Match: Short press the match key on the receiver and immediately press the on/off key of the remote. The LED indicator will flash fast a few times which means the match is successful.

Delete: Press and hold match key for 10s to delete all match. The LED indicator will flash fast a few times means all matched remotes were deleted.

PROGRAMS: Selectable by using the Mode +/- buttons.

No.	NAME	No.	NAME
#1	Red horse race white ground, forward	#21	Green float, forward
#2	Green horse race white ground, forward	#22	Blue float, forward
#3	Blue horse race white ground, forward	#23	Purple float, forward
#4	Yellow horse race white ground, forward	#24	RGBW float, forward
#5	Cyan horse race white ground, forward	#25	Red Yellow float, forward
#6	Purple horse race white ground, forward	#26	Green Cyan float, forward
#7	7 color multi horse race, forward	#27	Blue Purple float, forward
#8	7 color horse race close + open	#28	Blue White float, forward
#9	7 color multihorse race close + open	#29	6 color float, forward
#10	7 color scan close + open	#30	6 color smooth sectionally, forward
#11	7 color multi-scan close + open	#31	7 color jump sectionally, forward
#12	Blue White chase, forward	#32	7 color strobe sectionally, forward
#13	Green Cyan chase, forward	#33	RGB jump
#14	RGB chase, forward	#34	RGB smooth
#15	7 color chase, forward	#35	RGB random jump
#16	Blue meteor, backward	#36	RGB random smooth
#17	Purple meteor, backward	#37	White flow, forward
#18	White meteor, backward	#38	White flow, forward on + backward off
#19	7 color meteor, backward	#39	White flow, forward on + backward on
#20	Red float, forward	#40	White float, forward

SYSTEM WIRING:



Tuya APP

Please download the Tuya APP.

To enter pairing mode:

- 1) Press the MATCH key on the receiver twice quickly, OR
- 2) press and hold the MATCH key for 2 seconds to clear the previous matching.

When in pairing mode the LED indicator on the receiver will flash quickly.

In case of failure, press and hold the MATCH key for 5 seconds. The LED indicator on the receiver will flash slowly.



INSTALLATION MANUAL

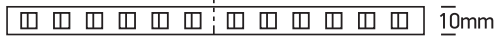
7820C/RGBW

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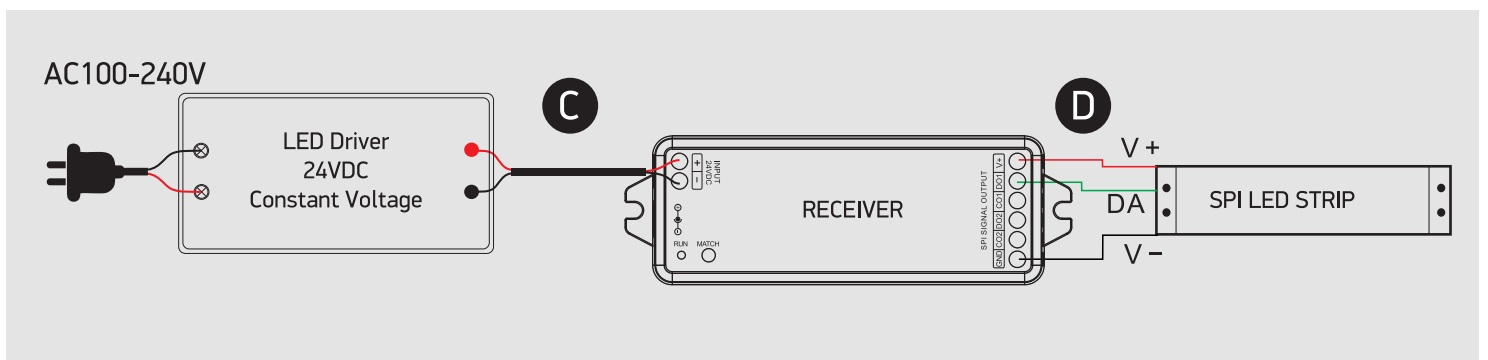
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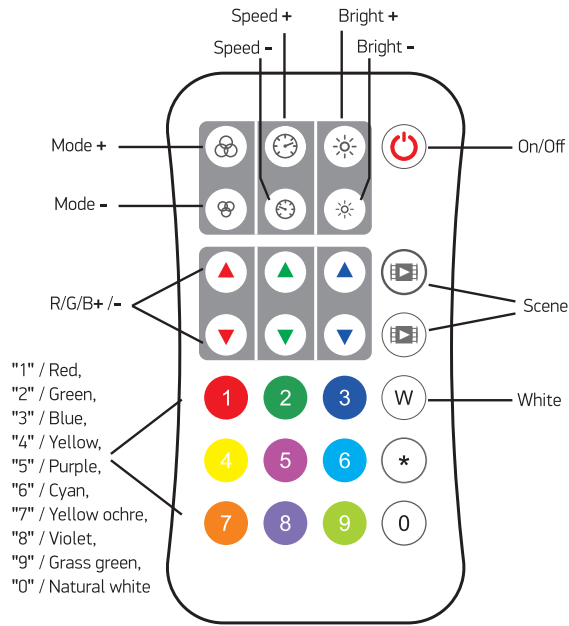
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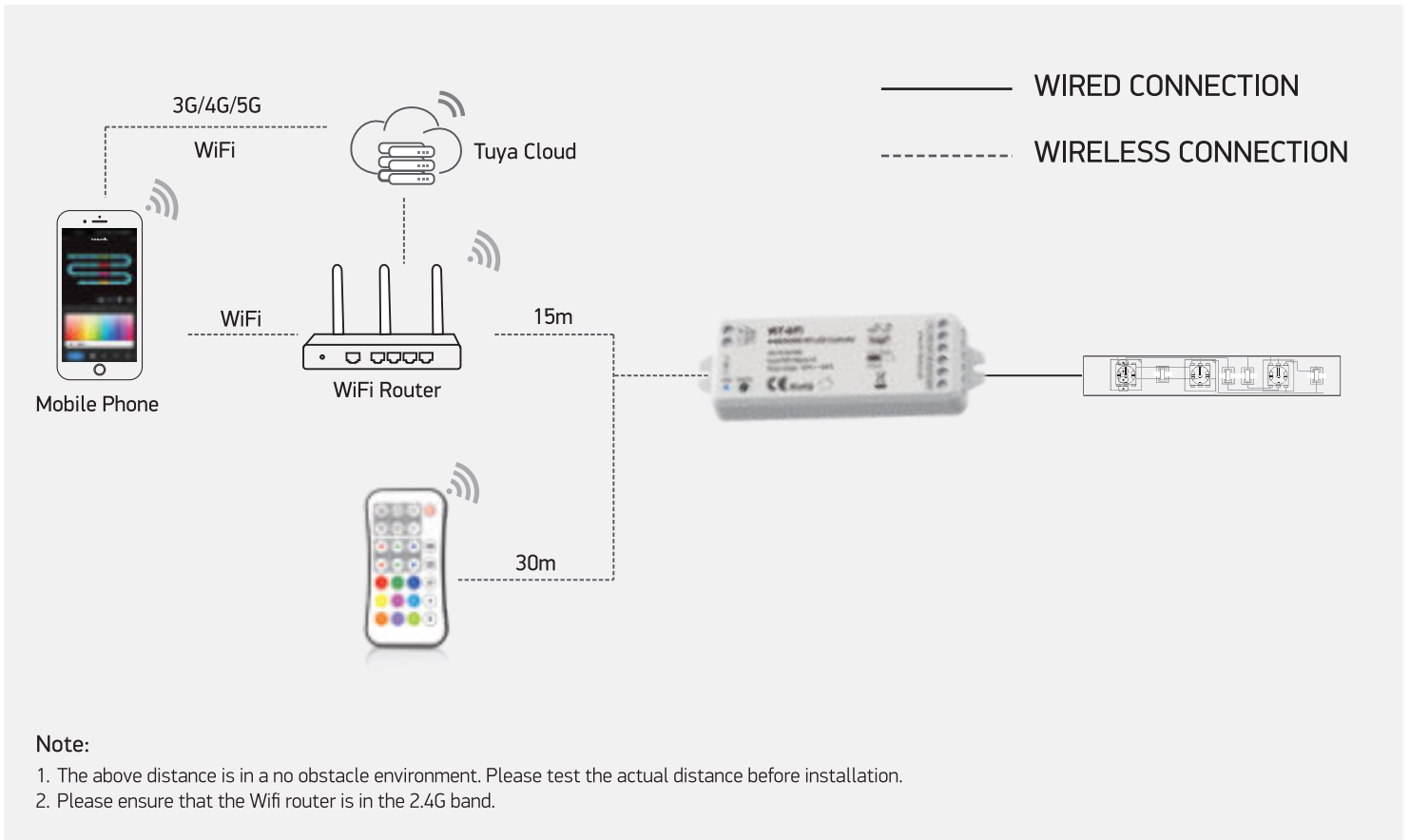
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