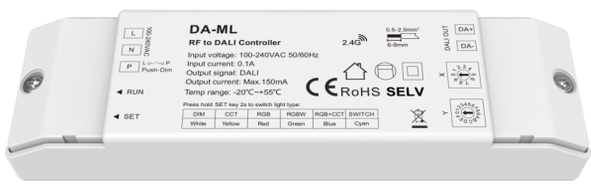
DA-ML

DALI

RF DALI Dimmer

- RF signal input, DALI signal output.
- Can be used as a DALI bus power supply.
- 1 DALI address, support DT6 dimming, DT8-TC color temperature, DT8-RGB, DT8-RGBW or DT7 switch.
- In accordance with DALI standard protocol IEC 62386-101, 102, 207, 208, 209, and in compliance with DALI products from other international incorporation.
- Enable to select DALI address by encoding switch, support unicast, group and broadcast mode.
- For RGB/RGBW/RGB+CCT light type, built in 10 dynamic mode, include jump or gradual change style.
- Connect with external push switch to achieve on/off and 0-100% dimming function.
- Match with RF 2.4G single zone or multiple zone remote control optional.



CE RoHS

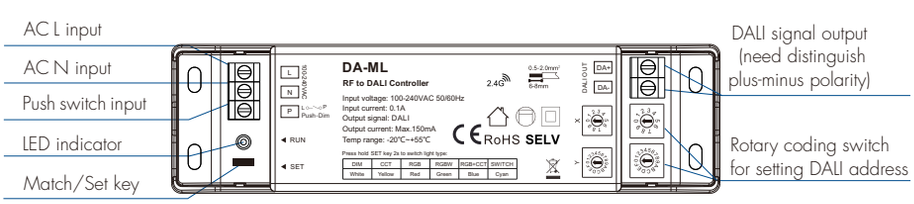
Technical Parameters

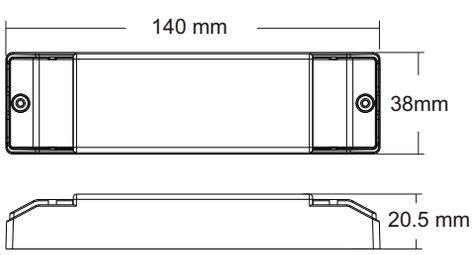
Input and Output	
Input voltage	100-240VAC
Input Current	0.1A
Output voltage	16VDC
DALI output current	Max 150mA
Input signal	Push switch + RF 2.4GHz
Output signal	DALI
Control distance	30m(Barrier-free space)

Environment	
Operation temperature	Ta: -20°C ~ +55°C
Case temperature (Max.)	Tc: +75°C
IP rating	IP 20
Package	
Size	L156x W48x H22mm
Gross weight	0.085kg

Safety and EMC	
EMC standard	EN IEC 55015/EN IEC 61547 ETSI EN 301 489-1/-3/-17
Safety standard	EN 61347-1/-2
Radio Equipment	ETSI EN 300 440 ETSI EN 300 328
Certification	CE RoHs
Warranty	
Warranty	5 years

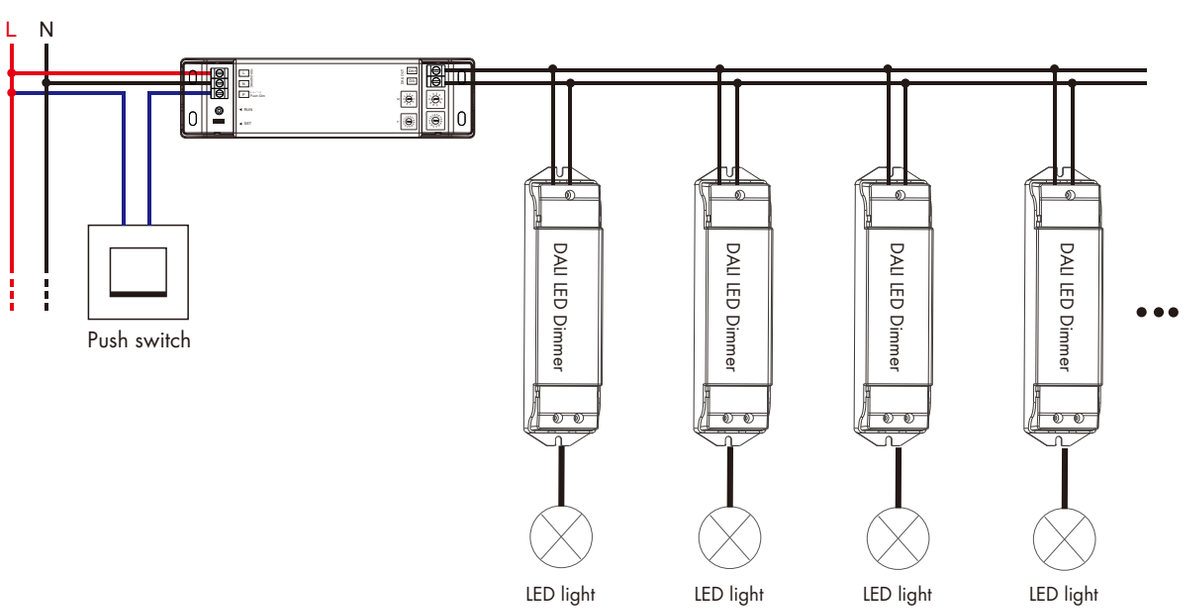
Mechanical Structures and Installations



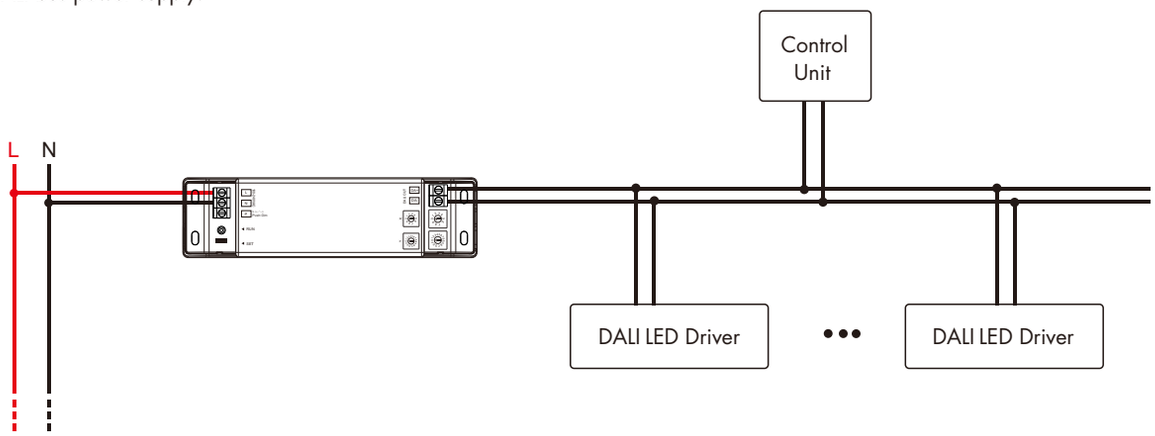


Wiring Diagram

- DA-ML as RF-DALI master:



● DA-ML as DALI bus power supply:



DALI LED driver: include DALI dimming controller, DALI dimming driver, etc.
Control Unit: include DALI master, self-resetting switch, DALI switch panel, DALI sensor, etc.

Push Dim Function

Short press : Turn on or off light.
Long press 1-6s : Step-less dimming, with every other long press, the light level goes to the opposite direction.

Light Type Settings

Please select the light type before the remote control.
Press and hold Match/Set key for 2s, switch 6 kinds light type in sequence, and LED indicator turn corresponding color.

Light type	DIM	CCT	RGB	RGBW	RGB+CCT	SWITCH
LED indicator color	White	Yellow	Red	Green	Blue	Cyan

Match Remote Control

Please select the same light type of RF remote control for matching,
End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the Match key

Match:
Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) on the remote.
The LED indicator fast flash a few times means match is successful.

Delete:
Press and hold match key for 5s to delete all match,
The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power of the receiver, then switch on power, repeat again.
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote.
The LED indicator blinks 3 times means match is successful.

Delete:
Switch off the power of the receiver, then switch on power, repeat again.
Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote.
The LED indicator blinks 5 times means all matched remotes were deleted.

Dynamic Change Mode List

Ten built-in dynamic modes can be called up with the remote control's mode button.

For RGB/RGBW:

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out

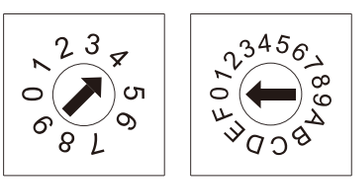
For RGB+CCT:

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Color temperature smooth	10	White fade in and out

DALI Address Setting

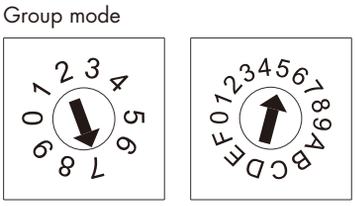
Address value = X * 10 + Y.
For example: X = 5, Y = 4, Address value = 5 x 10 + 4 = 54.

Unicast mode



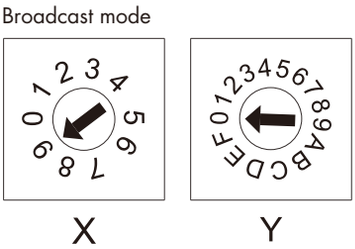
X is 0-6, Y is 0-9.
Address value 0-63 correspond to DALI unicast address 00-63.
For example:
Address value = 40, the unicast address value is 40.

Group mode



X is 7, Y is 0-F.
Address value 70-7F correspond to DALI group address 0-15.
For example:
Address value = 75, the group address value is 5.

Broadcast mode



X is 9, Y is 0-F.
Address value 90 - 9F correspond to broadcast address.