



DATA STREAM M PRO

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DESIGNED FOR CANADA 

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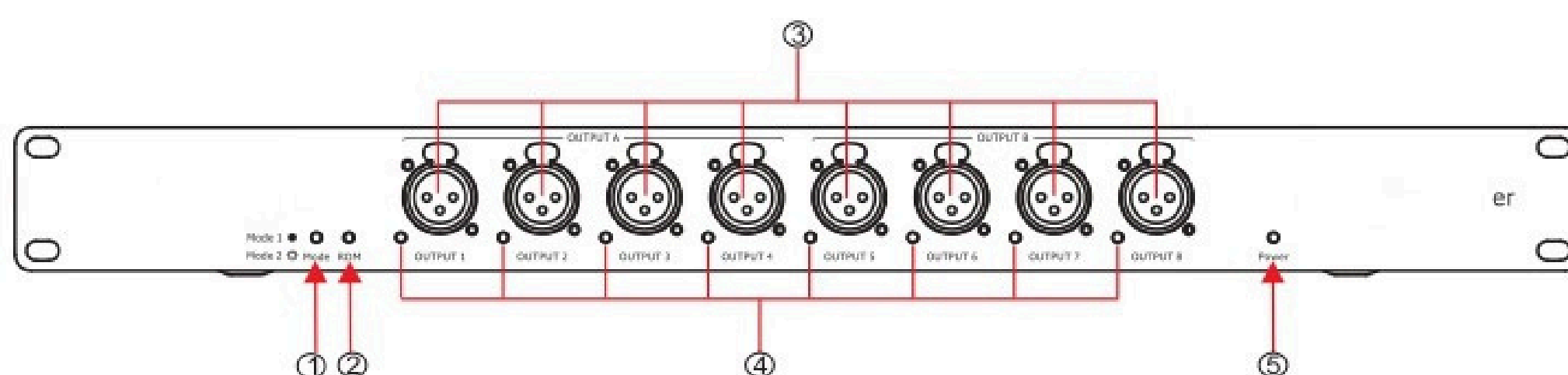
Congratulations on purchasing your new RDM Splitter. The unit has two inputs and eight outputs. Absolutely electric isolation between input and output, 3-Pin connector for each individual channel, each output features a independent driver. There is a signal indicating light. We strongly recommend that you take time to read this manual fully before you attempt to use the RDM Splitter.

1. Technical specification

Power input.....	AC88~256V 50/60Hz
Fuse(internal)	T2A
Dimension	482X173X44MM
Weight.....	1.8KG

2. Operating instruction and connection

Front Panel

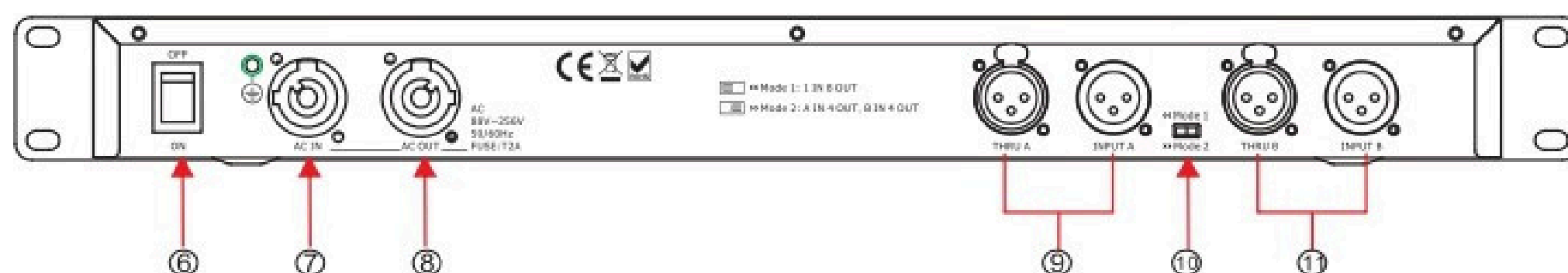


- ① Mode Indicator: When the indicator is on, the splitter is in 1-in-8-out mode, the signals output to OUTPUT 1-4 come from INPUT A (INPUT B has no effect).

When the indicator is off, the splitter is in A-in-4-out and B-in-4-out mode, the signals output to OUTPUT 1-4 come from INPUT A, the signals output to OUTPUT 5-8 come from INPUT B.

- ② RDM Indicator: When RDM signal is detected, the indicator light will be on.
- ③ OUTPUT connectors: used to output DMX512 and RDM signals to the lighting equipment.
- ④ OUTPUT Indicator: Indicates that the output port (1-8) is output normal ly when the light is on.
- ⑤ POWER indicator: indicates the power status of the splitter, and is always on when it is powered on normally .

Rear Panel

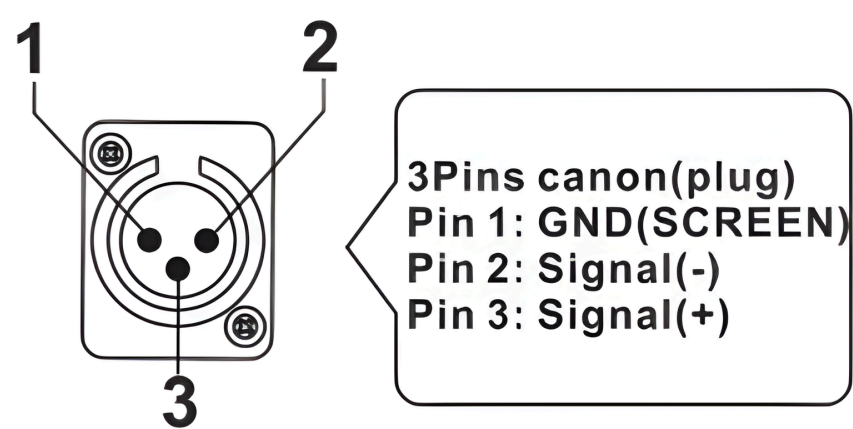
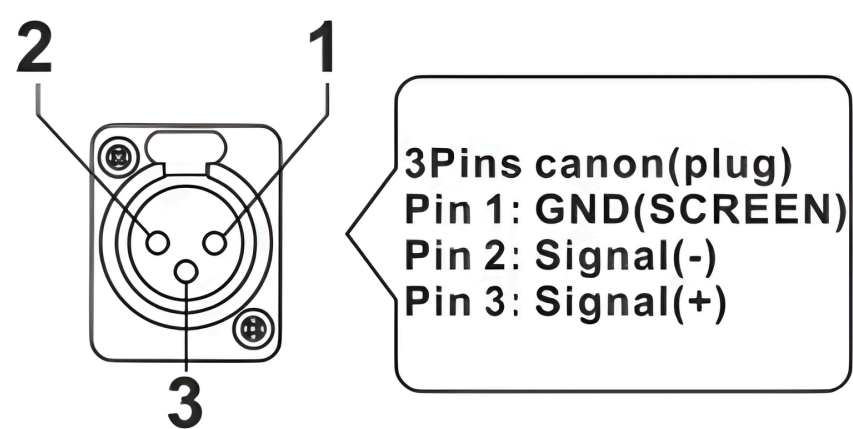


- ⑥ Power switch: used to switch the splitter on or off.
- ⑦ AC IN: used to input AC88~256V/50~60Hz power (MAX. 12A).
- ⑧ AC OUT: used to output AC88~256V /50~60Hz power (MAX. 12A).
- ⑨ THRU A / INPUT A: THRU A passes through the DMX512 and RDM signals to the next splitter, INPUT A is used to input DMX512 and RDM signals.
- ⑩ THRU B / INPUT B: THRU B passes through the DMX512 and RDM signals to the next splitter, INPUT B is used to input DMX512 and RDM signals.
- ⑪ Mode Selection: When the Mode Selection is dialed to the Mode 1, the splitter is in 1-in-8-out mode, the signals output to OUTPUT 1-4 come from INPUT A (INPUT B has no effect).

When the Mode Selection is dialed to the Mode 2, the splitter is in A-in-4-out and B-in-4-out mode, the signals output to OUTPUT 1-4 come from INPUT A, the signals output to OUTPUT 5-8 come from INPUT B.

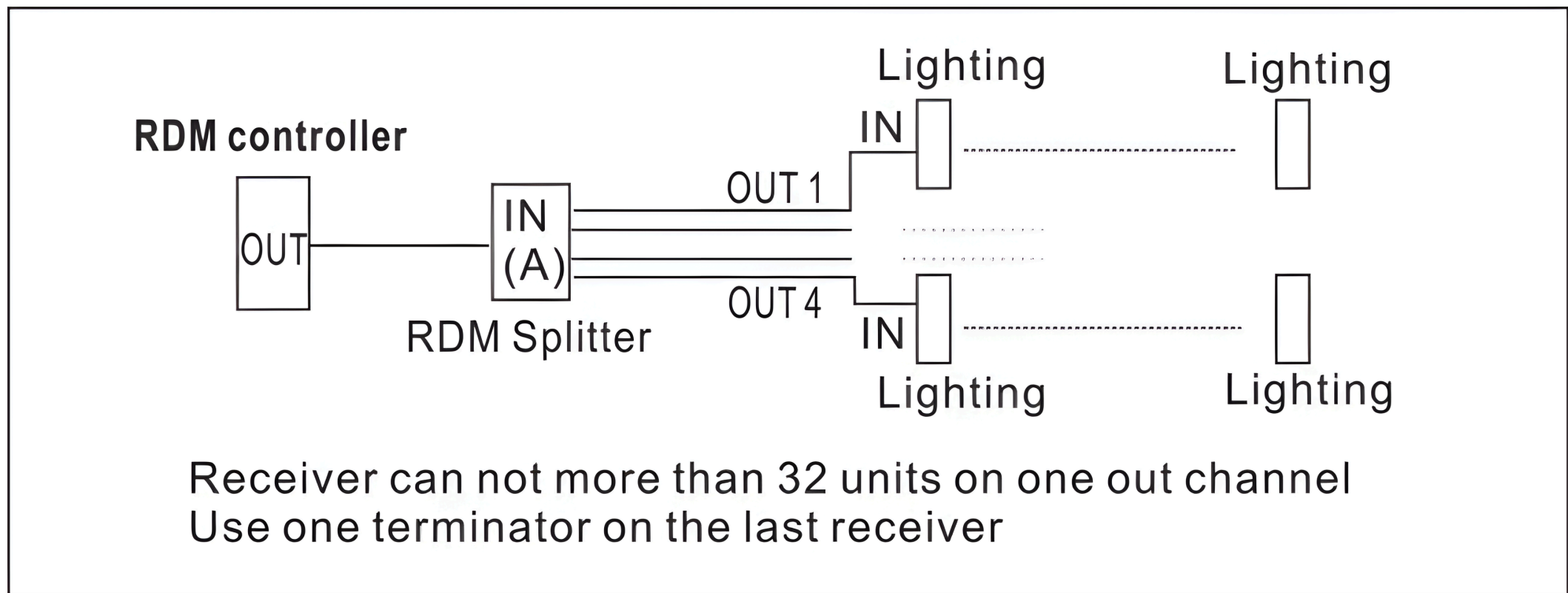
Connector pin designations shall be as follows

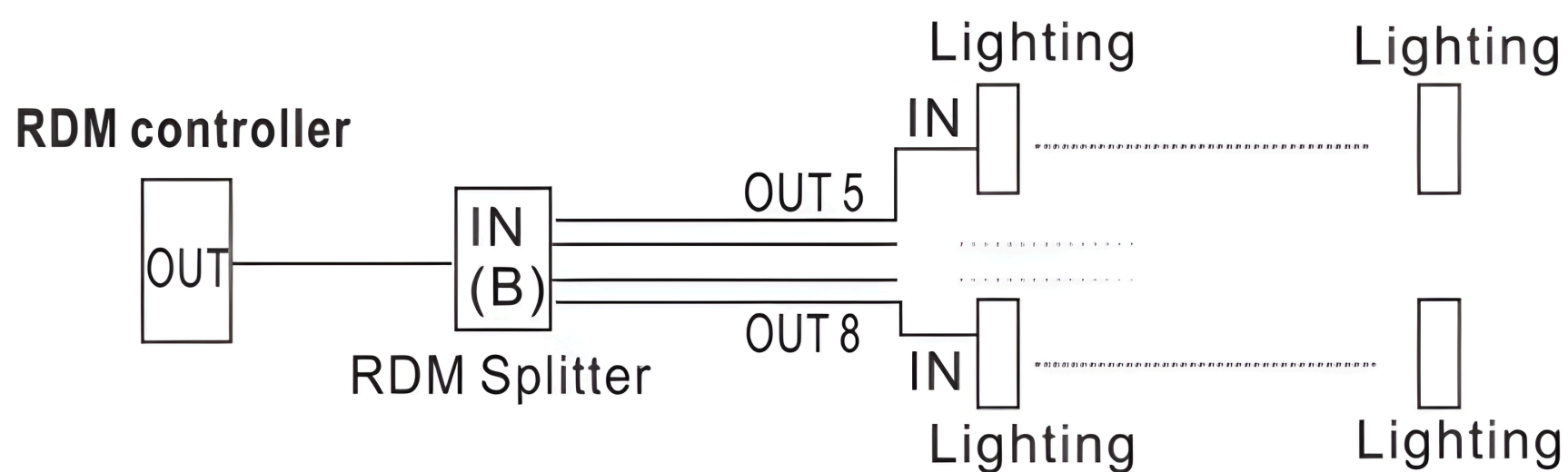
- pin1:signal common(shield)
- pin2:dimmer drive complement(data 1-)
- pin3:dimmer drive true(data 1+)



Connection diagram:

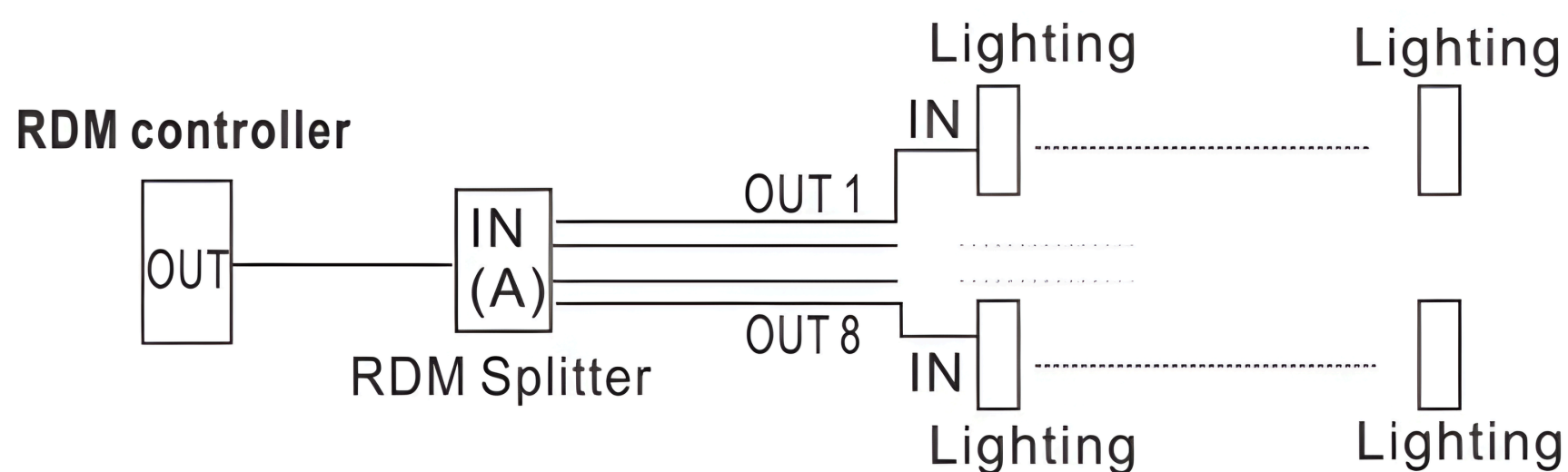
1.1 RDM controller Connect directly to the splitter-2 in 8 out





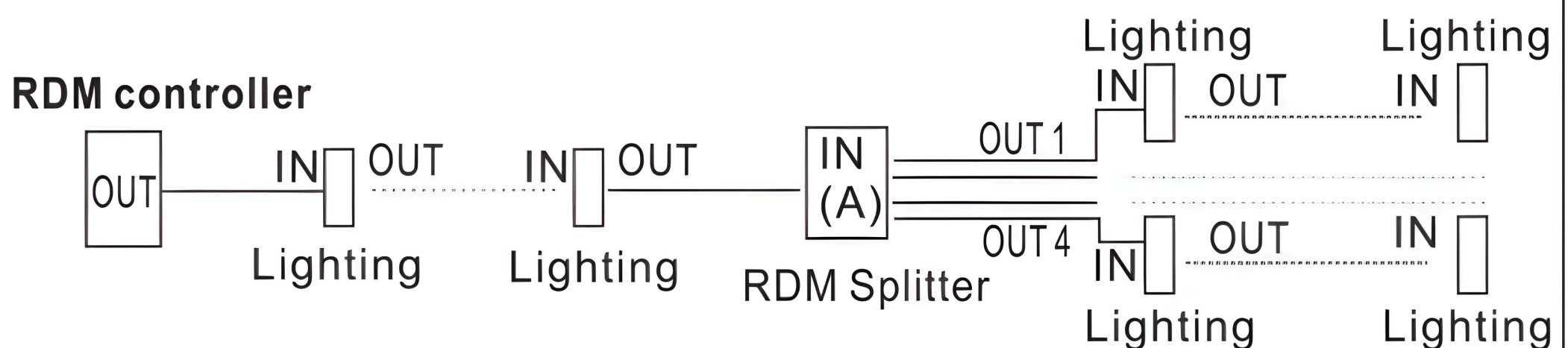
Receiver can not more than 32 units on one out channel
Use one terminator on the last receiver

1.2 RDM controller Connect directly to the splitter-1 in 8 out

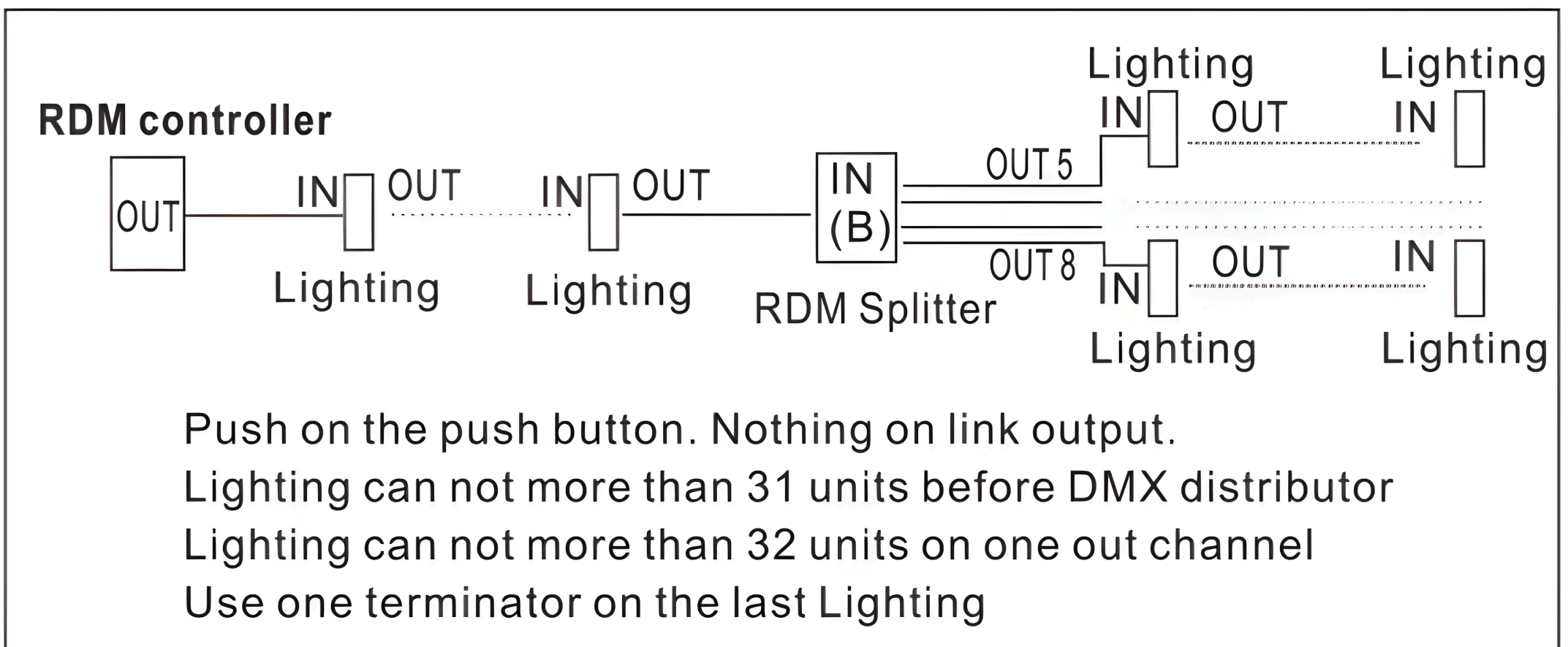


Receiver can not more than 32 units on one out channel
Use one terminator on the last receiver

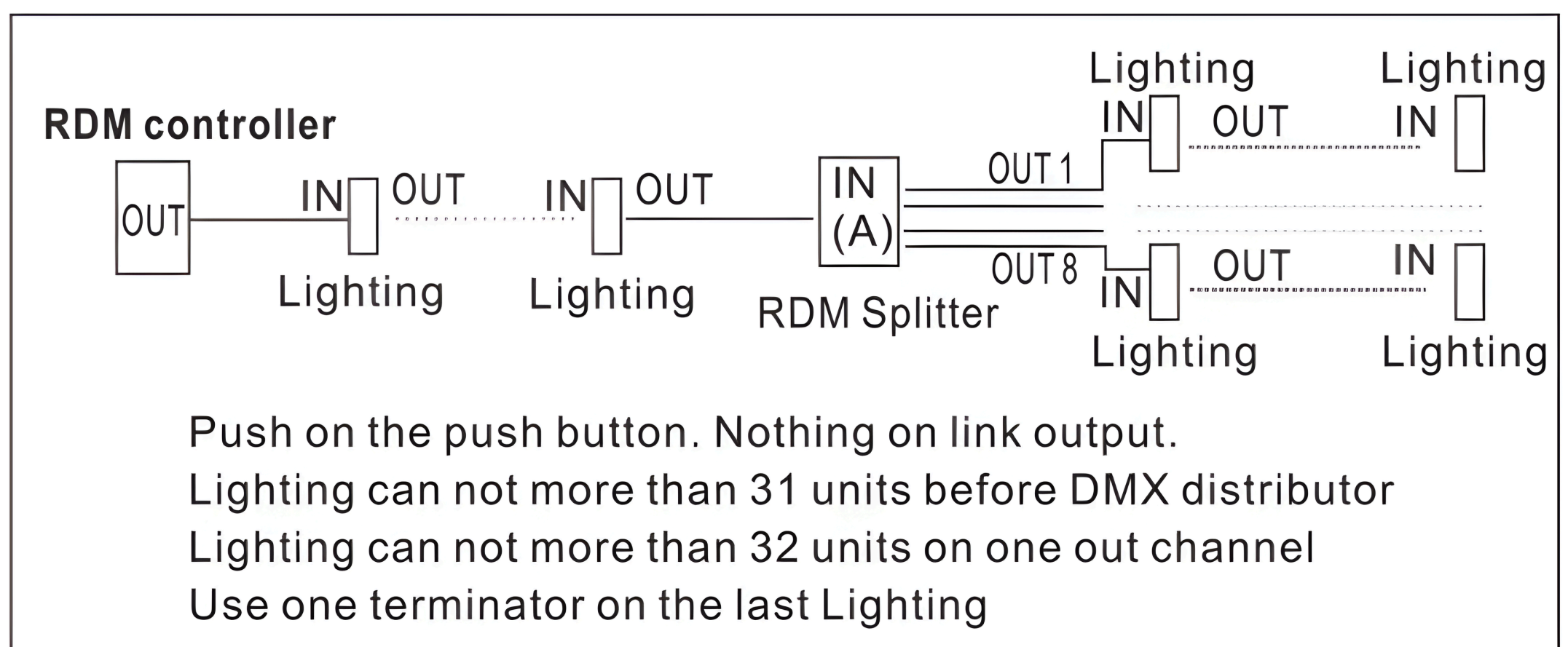
2.1 RDM controller after connection of lamps and lanterns splitter-2 in 8 out



Push on the push button. Nothing on link output.
Lighting can not more than 31 units before DMX distributor
Lighting can not more than 32 units on one out channel
Use one terminator on the last Lighting



2.2 RDM controller after connection of lamps and lanterns splitter-1 in 8 out



Caution:

This apparatus must be earthed.

Do not apply power source before completely installation.

Always disconnect from mains before replacing the fuse.

To reduce risk of fire or electrical shock. Do not expose to rain or moisture.

Do not try to repair it when the circuit is out of order. Send it back to your supplier for repairing.



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