

IR Remote Control operations / Operazioni del telecomando IR

The fixture must be configured only by using AL1321 IR remote control (sold separately) or via any DMX-RDM compatible controller.

| | | | | |
|--|---------------------------|--------------|---|-------------------------------------|
| LOGIN | | 1 2 3 | 5' inactivity = Automatic LOGOUT | = OK |
| DMX MODE | DMX MODE SETTING | | Enter the "IR" value on DMX chart under "MODE" column (eg: IR=4, press button 4). | = OK |
| | DMX ADDRESS SETTING | | 001~512 | = OK |
| MASTER/ SATELLITE AUTOMATIC MODE TO BE USED ONLY WITH DMX MODE #1 | AUTOMATIC/MASTER | | Green-Cyan-Blue-Magenta-Red-Yellow-White. | 5" → 10" → 20" → 40" 2 3 4 |
| | | | | 40" → 20" → 10" → 5" 4 3 2 |
| | SATELLITE FIXTURE SETTING | | 001 | = OK |
| FIXED COLOR MODE TO BE USED ONLY WITH DMX MODE #1 | | | RGBW 1 = RED 2 = GREEN 3 = BLUE 4 = WHITE | 0% → 100% |
| DIMMER MODE (Monochromatic) TO BE USED ONLY WITH DMX MODE #1 | | | 100% → 0% | |
| LOGOUT | | | 1 | |
| RESET | | | 7 8 9 | Reset to default settings |
| WIRELESS 2 | | | 1 = Unlink 2 = LED wireless status ON 3 = LED wireless status OFF | |

¹ WARNING ! in this mode, no other DMX control device must be present along the line.

² Only on wireless fixtures

DMX Chart

RGBW

| Mode | Channel | Function | Value |
|------------|-------------|-------------------|------------|
| #1 IR=4 | 1 | 0-100% Red | 0-255 |
| | 2 | 0-100% Green | 0-255 |
| | 3 | 0-100% Blue | 0-255 |
| | 4 | 0-100% White | 0-255 |
| #2 IR=5 | 1 | 0-100% Red | 0-255 |
| | 2 | 0-100% Green | 0-255 |
| | 3 | 0-100% Blue | 0-255 |
| | 4 | 0-100% White | 0-255 |
| | 5 | 0→100% Dimmer | 0-255 |
| #3 IR=6 | 1 | 0-100% Red | 0-255 |
| | 2 | 0-100% Green | 0-255 |
| | 3 | 0-100% Blue | 0-255 |
| | 4 | 0-100% White | 0-255 |
| | 5 | 0% Dimmer | 0-5 |
| | | 100-0% Dimmer | 6-250 |
| | | 100% Dimmer | 251-255 |
| | 6 | No Strobo | 0-5 |
| | | 0-100% Strobo | 6-250 |
| | | 100% Strobo | 251-255 |
| #4 IR=7 | 1 | 0-100% Red | 0-255 |
| | 2 | 0-100% Green | 0-255 |
| | 3 | 0-100% Blue | 0-255 |
| | 4 | 0-100% White | 0-255 |
| | 5 | NO FUNCTION | 0-5 |
| | | 2700K | 6-7 |
| | | 2700K→3000K | 8-40 |
| | | 3000K | 41-42 |
| | | 3000K→3500K | 43-75 |
| | | 3500K | 76-77 |
| | | 3500K→4000K | 78-110 |
| | | 4000K | 111-112 |
| | | 4000K→4500K | 113-145 |
| | | 4500K | 146-147 |
| | | 4500K→5000K | 148-179 |
| | | 5000K | 180-181 |
| | | 5000K→5500K | 182-214 |
| | | 5500K | 215-216 |
| | 5500K→6000K | 217-249 | |
| | 6000K | 250-255 | |
| | 6 | 0→100% Dimmer | 0-255 |
| | #5 IR=8 | 1 | 0-100% Red |
| 2 | | 0-100% Red fine | 0-255 |
| 3 | | 0-100% Green | 0-255 |
| 4 | | 0-100% Green fine | 0-255 |
| 5 | | 0-100% Blue | 0-255 |
| 6 | | 0-100% Blue fine | 0-255 |
| 7 | | 0-100% White | 0-255 |
| 8 | | 0-100% White fine | 0-255 |

| Mode | Channel | Function | Value |
|-------------------------|---------|---|-------|
| #6 IR=9 (Default) | 1 | 0-100% Red | 0-255 |
| | 2 | 0-100% Green | 0-255 |
| | 3 | 0-100% Blue | 0-255 |
| | 4 | 0-100% Calibrated White (Affects RGB channels) | 0-255 |

Note: in absence of DMX signal the LEDs will remain **OFF**.

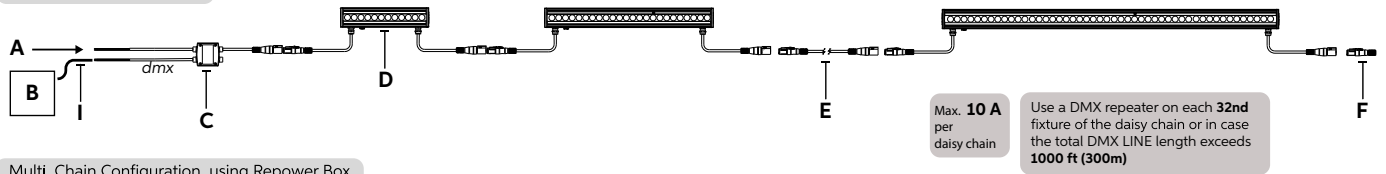
RDM functions

When operating in DMX mode, the fixture can accept the following RDM commands:

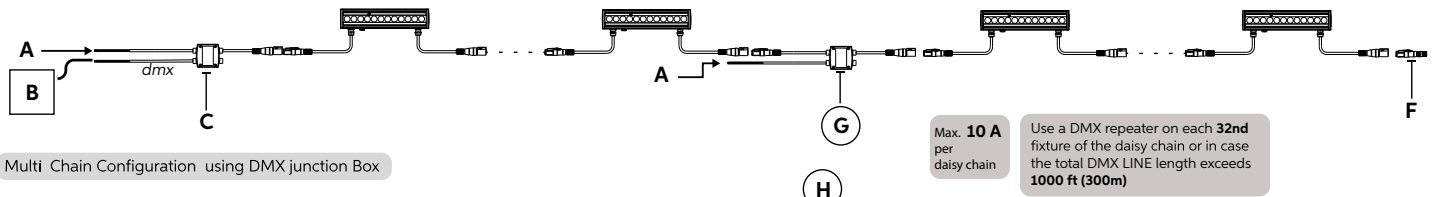
- Discovery: Upon request of the RDM controller, the fixture signals its own presence (the RDM controller will display the fixture on a list).
- DMX address reading and setting.
- Channels number reading and setting.
- On / Off identification: This command is used to identify the fixture you want to get access to (the identification happens by switching on all the LEDs at full intensity).
- Manufacturer: it displays the name of the manufacturer (Griven).
- Model description: it displays the fixture's model.
- Software version description: it displays the current version of the firmware.
- Temperature: it displays the LEDs operating temperature value.

Configuration examples

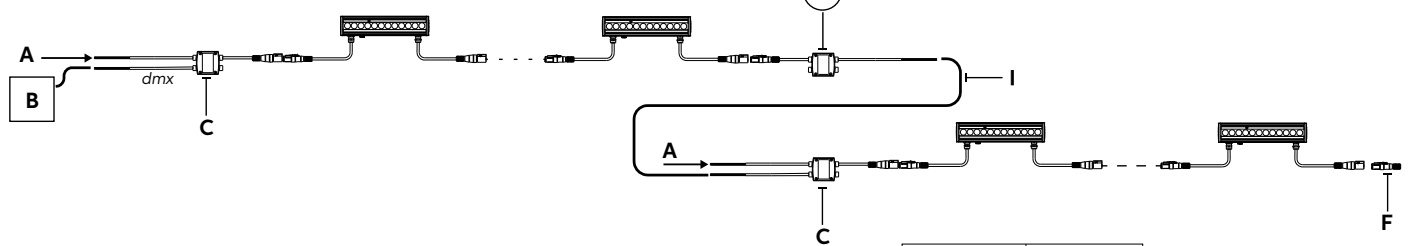
Single Chain Configuration



Multi Chain Configuration using Repower Box



Multi Chain Configuration using DMX junction Box

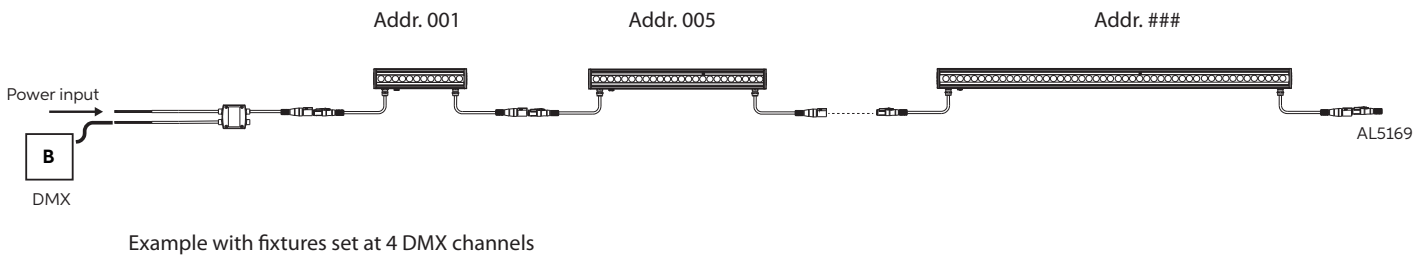


- A: Power Input
- B: DMX/RDM Controller
- C: Start Line Box - PDLMC-STRTLNBX-C / PDLMC-STRTLNBX-NC
- D: Parade L1, L2, L3, L4 MC or L2 MC or L3 MC Recessed
- E: Connection Cable - PDLMC-CBL-1M, PDLMC-CBL-2M, PDLMC-CBL-3M, PDLMC-CBL-5M, PDLMC-CBL-10M
- F: DMX Terminator - PDLMC-DMXTRMNTNTR
- G: Repower Box - PDLMC-RPWRBX-C / PDLMC-RPWRBX-NC
- H: DMX Junction Box - PDLMC-DMXJB-C / PDLMC-DMXJB-NC
- I: DMX Cable

| CE Colours | USE |
|--------------|------------|
| Brown | Live |
| Blue | Neutral |
| Yellow/Green | Ground |
| Red | DMX Data + |
| Black | DMX Data - |
| White | DMX GND |

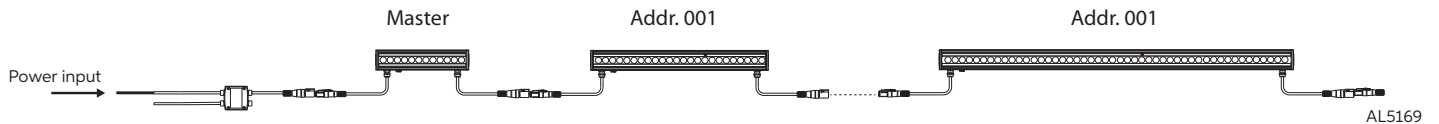
Operating modes

DMX Mode



Master-Satellite / Automatic / Fixed color Mode

(Only DMX Mode #1)



WARNING ! in this mode, no other DMX control device must be present along the line.