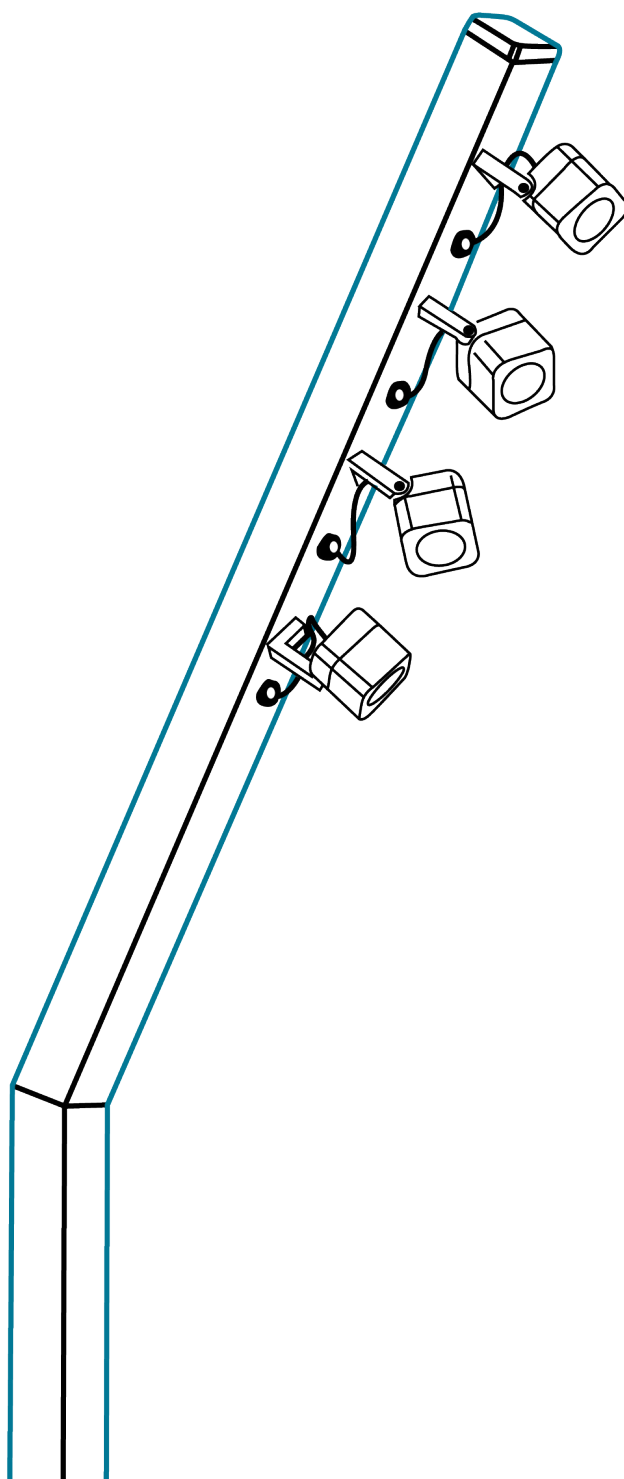




User Manual // TECNOPAR 2 - REF. TA107 / TA108

V01.a



THANKYOU FOR PURCHASING AN INNLED PRODUCT.

« COMMITED TO SUPPORTING THE FRENCH INDUSTRY, THIS PRODUCT WAS DEVELOPED AND ASSEMBLED WITHIN OUR MONTPELLIER WORKSHOP. We attach particular importance to our clients' feedback so feel free to contact us in case of any comment or suggestion.

So we can continue " LIGHTING UP YOUR IDEAS " IN THE MOST EFFICIENT WAY... »

THE INNLED TEAM



Terms of use and Warranty terms, read page 12

INNLED products are designed to light up your greatest moments, however organised or totally improvised they are ! Whether you are indoors or outdoors, whether you have access to power or not, we will continue lighting up your ideas at all times.

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# 1. COMPOSITION

This product is modular. It is composed of several elements, allowing you to adapt the product to different applications depending on the chosen composition. Here under you will find the different elements which compose it. :



BATTERY BASE

12V DC outputs  
for 2 extra  
Tecnopar :  
==> mini XLR3 Rean-  
Neutrik connector  
==> Pin 1 = Ground  
Pin 3 = +12V  
  
Powercon power  
supply  
  
ON / OFF switch  
on : bottom / off : top



LUMINOUS HEAD

OR

Large base  
WITH POWER SUPPLY



12/24V  
90-240V AC power  
supply on mini  
XLR3 Rean-Neutrik  
connector

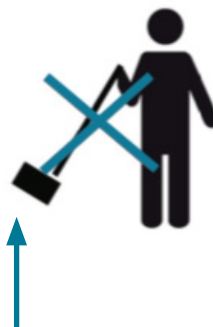


EXTENSION TUBE

## 2. ASSEMBLY

Interlocking system with «Hermalink ® ».

This connector ensures the interlocking of the different elements as well as the electrical connection.  
To connect, insert both parts in the axis.

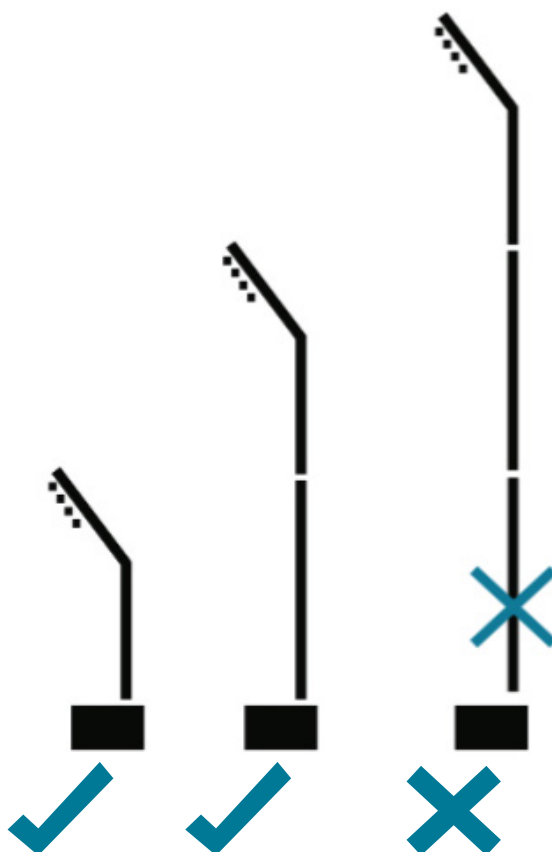


### BEWARE

The connection system is not designed to allow the battery base and extension tube to be picked up as illustrated on the pictogram.

You risk permanently damaging the interlocking piece.

### Set-up TYPES



## 3. HOW TO USE YOUR BATTERY BASE



### A / GENERAL PRECAUTIONS FOR THE BATTERY BASE

Your battery base is equipped with a micro controller which precisely controls the charge / discharge cycles. It optimises the battery lifespan and allows a shorter charging cycle.

The ON / OFF switch avoids the battery to discharge itself while the battery base is not in use.

- when the **battery is discharged** (red flash every 4sec), connect it to a power source, and make sure you have switched the button to «ON». The charge cycle, which is indicated by a LED chase, will start.
- when the **battery is charged** (green flash every 4sec), switch to «OFF» and store away.

#### BEWARE !

**Never store a discharged battery** for more than 48h : this will cause rapid deterioration of the battery. **Never charge your battery bases in a closed flightcase.**

- once your battery is discharged, a red light will flash every 4 seconds indicating that it needs to be put on charge.
- once put on charge, in the case of a fully discharged battery, a 30min pre-charge cycle will commence. Once this is over, a chase will indicate that the charger has switched to full charge.

## B / CONNECTIONS



## BEWARE

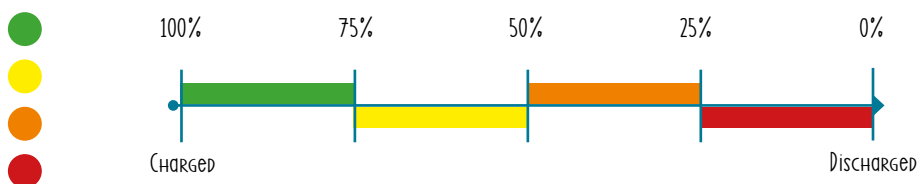
The connection system is not designed to pick up the battery base with the extension tube. You risk breaking the interlocking piece.

## C / USING YOUR BATTERY BASE

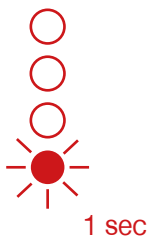


The charge indicator allows you to keep track of the TecnoPAR's battery level and anticipate the charging.

By pressing briefly on the button, the colour code indicates how much battery is left :



The LEDs also reveal the following information :



### BLINKING RED

1 sec

==> imminent cut-off of the battery



### FLASHING RED

every 4 sec

==> spotlights cut-off

==> discharged battery, should rapidly be put on charge.

## D / SAFETY MODE



### ==> HOW TO ACTIVATE IT

Tap and hold for 10 seconds until the orange LED starts blinking.

==> 2 flashes / 4 seconds indicate that the safety mode is activated.

### NOTA

The safety mode triggers an extra battery operating time before the final cut-off.

This however leads to a deeper discharge of the battery ; this mode is to be used in the case of extreme cases only.

## E / CHARGE

When connecting the battery base on the AC power, a chase appears. This indicates that the charge cycle has started.



### 4 LED chase

==> charging

At the end of the charging cycle, the green LED blinks every 4 seconds, indicating that the battery is charged at 100%.

If no green LED is blinking, this reveals a problem with the charger or the battery. In this case, please contact the INNLED Customer Service.



### BLINKING GREEN FLASH 4 sec

==> charged at 100%

DIMMER POSITION	AUTONOMY
20%	48h
40%	43h
50%	40h
75%	35h
100%	30h

**BEWARE** : these values correspond to an application in an environment where the temperature is around 20°C. They will vary in response to the surrounding temperature.

## 4. OPTIONS AND ACCESSORIES

### Power

#### 1. LARGE BASE



- **Dimensions** : 360 x 285 x 80 mm
- **Weight** : 3,6 kg
- **Materials** : Steel base
- **Finish** : Epoxy-coated paint
- In stock* : Black RAL9005
- Upon order* : 7 colours to chose from

#### 2. BATTERY BASE



- **Material** : Steel base
- **Finish** : Epoxy-coated paint
- In stock* : Black RAL9005
- Upon order* : 7 colours to chose from
- **Power supply** : 90 -240V AC on Powercon connector (supplied)
- **Consumption** : 60W max
- **Outputs** : 3 outputs of 12V DC on Mini XLR3 Rean Neutrik
- **Autonomy** :
  - 10h (max) / 50h (min) for 1 TecnoPAR,
  - 3h30 (max) / 17h (min) for 3 TecnoPAR
- **Batteries**
  - 2 batteries sealed lead AGM 7,6A/h
- **Class and norm** : Class I, IP20, IK08, CE, EN 60598
- **Dimensions** : 240 x 180 x 130 mm
- **Weight** : 10,6 kg

OR

#### 3. 12V DC POWER SUPPLY



- 90 - 240 AC, 12/24V DC charger
- Power jack 2mm connector
  - Charging time 3-4h

## 4. EXTENSION CABLE 5M



Extra flexible extension cable Ø 4,5 mm  
**5 METRES**  
Male/female mini XLR3 Rean – Neutrik connector

## 5. EXTENSION CABLE 10M



Extra flexible extension cable Ø 4,5 mm  
**10 METRES**  
Male/female mini XLR3 Rean – Neutrik connector

# COMPOSITION

## 6. EXTENSION TUBE 1M



Intermediate tube of 1,05 m, allowing to reduce the total height of the light mast to 2,10 m.

# PACKAGING

## 7. FLIGHTCASE X2



- **Flightcase 2**
  - 2 lamp heads
  - 2 intermediate tubes : 1,05m or 1,25m
  - 2 compartments for large bases
  - 2 compartments for battery bases
- **Dimensions** : L136cm x I33cm x H42cm
- **Weight** : 10kg

## 8. FLIGHTCASE X6



- **Flight case 6**
  - 6 lamp heads
  - 6 intermediate tubes : 1,05m or 1,25m
  - 6 compartments for battery bases
- **Dimensions** : L136cm x I44cm x H60,5cm.
- **Weight** : 14kg

## 9. FLIGHTCASE X 6+



- **Flight case 6+**
  - 6 lamp heads
  - 6 intermediate tubes : 1,05m or 1,25m
  - 6 compartments for large bases
  - 2 compartments for battery bases
  - 2 extra storage compartments
- **Dimensions** : L136cm x I56cm x H60,5cm
- **Weight** : 16kg

## 5. TECHNICAL SPECIFICATIONS

### COMPOSITION

- Head with 4 spotlights
- Intermediate tube
- Battery base or large base

### MATERIALS

- Tube and spotlights : aluminium
- Base : steel

### LED SPOT POWER

- 12W (4 x 3W)

### TECHNOLOGY

- LED Cree 2,7W

### LIGHTING SOURCE

- 1200 lumens

### AUTONOMY

- From 14 to 70h according to the setting of the dimmer

### TEMPERATURE RANGE

- -0°C to +40°C

### CLASS AND NORMS

- On battery : Class I, IP20, IK08, CE, EN 60598
- On power supply : Class II, IP20, IK08, CE, EN 60598

### WEIGHT

- On battery base : 10,5kg
- On large base : 5,5kg

### RANGE

- -0°C to +40°C

### ORDER OPTIONS

#### FINISH

*Epoxy-coated paint*

- *In stock : Black RAL9005*
- *Upon order : 7 colours to chose from*

#### HEIGHT

- *Standard : 2,30m (intermediate tube 1,25m)*
- *Upon order : 2,05m (intermediate tube option 1,05m)*

#### EXTERNAL CHARGER

- *Battery base*

*Power supply : 90 - 240V AC Connector : Mini XLR3 Neutrik*

*==> Autonomy : 30h / 1 TecnoPar or 10h / 3 TecnoPar*

- *Large base*

*External power supply 110 - 230V AC 24V DC on Mini XLR3 Neutrik*

#### COLOUR TEMPERATURE

- *Standard : 4000K (neutral white)*
- *Upon order : 3000K (warm white)*

#### OPTICAL LENSES

- *Standard : 26°*
- *Upon order : 6° / 16° / 46° / asymmetrical 38°x21°*

## WARRANTY TERMS

**Please refer to INNLED's general warranty terms**

Furthermore, INNLED products are designed for professional use only, they are not to be used in a domestic environment.

Committed to an approach based on quality, INNLED reserves the right to adapt or modify the technical characteristics of its products at any given moment and without any given notice, the adaptations or modifications then apply to all the orders placed after the date upon which those adaptations or modifications were made.