

The Head Module contains the LED electronics with all the lighting functions. In order to optimize light distribution for the new *Xtreme Power LED*, our lighting researchers have re-calculated the reflector lens. The result is a homogenous light distribution in the defocused areas and optimum bundling in the focused area.

Transport securing mechanism for use in vehicles.

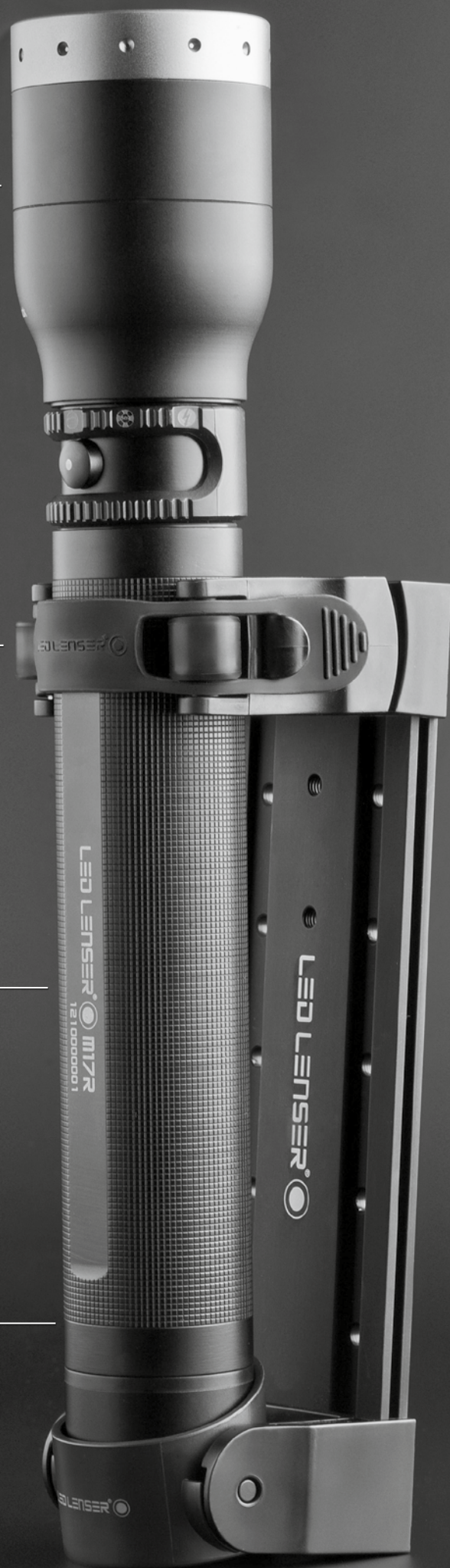


The heart of the Power Module is the *Safety Ytrion Cell*. Alongside the power cell, useful functions such as battery condition display, residual time display and charging indicator are permanently integrated. The Power Module can also be charged separately and used as a spare.

Item No. 7788 (Accessory)

The newly developed *Floating Charge System Pro* bracket makes charging easy, wear-free and practical. The high-performance materials mean it is practically indestructible.

Item No. 0391 (Accessory)



MORE POWER THAN EVER BEFORE

We have fundamentally renewed the energy supply of our flashlights. The core element is a battery technology that leaves nothing to be desired when it comes to sustainability, performance and safety. The newly-developed *Safety Ytrion Cell* is integrated in the Power Module and is based on a technology which has, until now, been used primarily in electrical vehicles. This energy cell is even safer than a traditional lithium ion cell and much lighter than a nickel-metal-hybrid battery pack. For you, this means: impressive lighting power, hours of operation without a reduction in the lighting performance, 3000 charging cycles* without a noticeable deterioration in capacity and 4-5 times faster charging (compared to lithium ion battery packs). The „memory effect“ that can be seen with other battery types is almost fully excepted. Charge your flashlight when you want and as often as you want without performance losses*.



Safe power source, charges quickly

- More charging cycles
- Constant high performance
- High level of reliability
- Not sensitive to temperatures

Special electro-chemical properties of the *Safety Ytrion Cell* enable more than twice the number of charging cycles compared to lithium ion battery packs (with over 85% charging performance even after over 3000 charging cycles).

The power density of Ytrion technology, which is based on lithium iron phosphate, is many times higher, ensuring constant high performance and thus constant lighting power.

With the *Safety Ytrion Cell*, self-discharge is practically eliminated. This ensures that the flashlights can be used even when they have been stored for months.

Flashlights that use the *Safety Ytrion Cell* are, for the most part, not susceptible to extreme temperatures and are thus also suited for special uses.

LED LENSER®
Creating New Worlds of Light



Changes, mistakes and printing errors excepted

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LED LENSER®
Creating New Worlds of Light

REVOLUTION RECHARGED



M17R, P17R
Microcontroller series, Professional series

GB

REVOLUTION STARTS IN THE HEAD

You would be hard put to find more performance and functionality in this size class. The LED LENSER® M17R and P17R are the best flashlights we offer, at the moment. We have included more innovations and trailblazing developments in the heads of our flashlights than ever before. The most striking external feature is, without a doubt, the new magnet ring switch, the *Fast Action Switch* of the LED LENSER® M17R. It enables simple and direct selection of individual light functions. Added to this is an almost indecent light performance that you can rely on, even after many hours of use.

LED LENSER® P17R

Reliable in constant use



LED LENSER® M17R

High-Tech for top performances

THOUGHT-OUT EVEN DOWN TO THE SMALLEST OF DETAILS

- Charge display
- 360° Power Indicator
- Orientation light
- Emergency light function



The display changes from red to green when the charging process is completed.



The ten-increment display with two functions is activated using the push button integrated in the wear-free magnet contact.



The blue orientation light on the magnetic charging contact module is lit permanently during the charging process.



Increased safety in the event of a power failure: If the power supply is interrupted, the flashlight switches itself on automatically. This function may also be deactivated.

1. Battery condition
When switched off, the number of blue LEDs shows the charged state of the battery in percent.

2. Residual operating time
When switched on, the number of lit LEDs shows the residual lighting time in the current mode.

LED LENSER® M17R

Smart Light Technology PRO



The Fast Action Switch
The unique symbols enable intuitive operation and very rapid switch of the light functions. Practical: A simple turn activates the blocking function to prevent the flashlight from being switched on.

2 Energy Modes

- Energy Saving
- Constant Current

4 Light Programs

- Low
- Action
- Signal
- Defence

8 Light Functions

4 LIGHT PROGRAMS

LOW ACTION SIGNAL DEFENCE

Low Power Dim Block Power

8 LIGHT FUNCTIONS

LED LENSER® P17R

Smart Light Technology



The switches of the LED LENSER® P17R offer easy access to three essential light functions.

3 Light Functions

- Power
- Low Power
- Defence Strobe

Smart LED Protection

3 LIGHT FUNCTIONS

Power Low Power Defence Strobe

LED LENSER® M17R

rechargeable

850 lm* | **5 h***
Luminous flux | Lighting duration

Optimized performance

Item No. 8317-R



2 Energy Modes

- Energy Saving
- Constant Current

4 Light Programs

- Low
- Action
- Signal
- Defence

8 Light Functions

Fast Action Switch
New switching technology for fast program changes, integrated activation lock function

The LED LENSER® M17R is the perfect tool for anyone who is looking for a tried-and-tested high-performance flashlight and a technical leader that offers futuristic innovations today. The *Fast Action Switch* offers great convenience. With a lighting performance of up to 850 lumen*, this performance giant currently beats the majority of flashlights in its class.



The LED LENSER® M17R is delivered in a practical and quality-made hard shell case.

LED LENSER® P17R

rechargeable

400 lm* | **10 h***
Luminous flux | Lighting duration

Optimized operating time

Item No. 8417-R



3 Light Functions

- Power
- Low Power
- Defence Strobe

Smart LED Protection

The switch has a precise pressure point and is designed to handle many switching cycles.

The LED LENSER® P17R is supplied in an attractive gift box.

Technical specifications of LED LENSER® M17R and P17R

	M17R	P17R
LED	Xtrem Power LED	Xtrem Power LED
Length	300 mm	300 mm
Weight	740 g	740 g
Luminous flux	850 lm*	400 lm*
Battery pack	Safety Ytrion Cell	Safety Ytrion Cell
Charging time	2,5 h	2,5 h
Energy tank	25,6 Wh**	25,6 Wh**
Burning life (min.)	(down to 85 lumen) 5 h*	(down to 40 lumen) 10 h*
Burning life (max.)	(Low power) 36 h*	(Low power) 42 h*
Beam distance	450 m*	420 m*



Smart Light Technology (SLT)
Microcontroller controlled



Advanced Focus System (AFS)
Homogenous circle of light (defocused)
Sharply bundled long-distance beam (focused)



Speed Focus
Single-handed focusing

Features

Feature	M17R	P17R
Optimized performance	✓	✓
Optimized operating time	✓	✓
Smart Light Technology (SLT)	✓	✓
Fast Action Switch	✓	✓
Activation lock function	✓	✓
Advanced Focus System*	✓	✓
Speed Focus (one-handed focusing)	✓	✓
Fast Lock (focus locking function)	✓	✓
Safety Ytrion Cell	✓	✓
Floating Charge System ^{neo}	✓	✓
Emergency light function	✓	✓
Orientation light	✓	✓
Charge display	✓	✓
360° Power Indicator	✓	✓

Scope of delivery

Item	M17R	P17R
Hard shell case	✓	✓
Gift box	✓	✓
Head Module	✓	✓
Power Module	✓	✓
Floating Charge System ^{neo}	✓	✓
Intelligent Clip	✓	✓
Smart Instruction Card	✓	✓
Operating instructions	✓	✓

* ANSI FL1 standard, measured at the brightest setting.

** Calculated capacity value in Watt hours (Wh). This applies to the fully charged battery pack(s) contained in the relevant article in the delivered state.