

# PAG L96T Time Battery

V-Mount, PAGlok and Gold-Mount

- ★ 96 watt-hours (14.8V 6.5Ah)
- ★ 8A continuous output
- ★ High-capacity and long-life Li-Ion cells
- ★ Numeric run-time and capacity display
- ★ Auto-compatibility with multiple viewfinder data systems
- ★ V-Mount, PAGlok & Gold-Mount models
- ★ Combine capacities for longer run-time or greater current draw (10A) using a PAG Power Plate
- ★ Advanced electronic protection system
- ★ Circuits Parylene coated
- ★ No service charging required
- ★ Reset after cut-out using display button
- ★ Compatible with Li-Ion chargers of other reputable manufacturers
- ★ UN tested and IATA compliant for air transport
- ★ 2 year guarantee

## A Better Battery for Considerably Less

The PAG L96T Time Battery is an enhanced version of the L95 Time Battery, and a replacement for it. The L96T offers enhanced features and a superior performance **at a greatly reduced price.**

The L96T provides a maximum continuous output of 8A, compared to the 7A offered by the previous model, and performs better at low temperatures.

The V-Mount and PAGlok models are compatible with multiple viewfinder data systems, such as those used by Sony and Red. They display capacity as a percentage and adjust automatically when presented to a different system.



## High-Quality Li-Ion Broadcast Battery

The PAG L96T is a high-quality Li-Ion camera battery, designed for Broadcast ENG and video production.

PAG L96T maintains the high quality and safety standards for which PAG is renowned. It embodies a premium quality cell pack, a superior design and construction and a comprehensive electronic protection system. Its circuits are coated with Parylene, making it resistant to electrolyte. PAG is the only manufacturer that goes to these lengths to ensure the safety of its Li-Ion batteries.

## Flight-Friendly

The L96T has been independently tested and certified to comply with UN safety regulations for Air Transportation. Its capacity is below 100 watt-hours and it is therefore suitable for



Run-Time is displayed numerically

air transport on passenger aircraft, in hand-luggage, without quantity restriction.

## Numeric Run-Time Display

For added convenience, the L96T features a numeric run-time and capacity display. Battery state-of-charge is expressed as a percentage of available capacity. On load, remaining run-time is accurately displayed, in hours and minutes. The display maintains accuracy by tracking cell performance, and adjusting calibration values to compensate for cell ageing.



## PAG BATTERIES ARE THE MOST TECHNOLOGICALLY ADVANCED IN THE INDUSTRY

PAG batteries are manufactured to withstand the strains and stresses of use in the harshest environments, and to perform consistently over their lifetime. They incorporate many unique proprietary features designed to assist the cameraman - such as an accurate capacity and run-time indication - as well as features designed to prolong battery life. PAG uses only the highest quality components in the construction of its batteries. Safety, reliability, and durability are the prime concerns, from conception to final assembly.

## THIS IS THE PAG TOTAL BATTERY DESIGN PHILOSOPHY

### Numeric Run-Time & Capacity Display

The L96T Time Battery incorporates a numeric display which, at the press of a button, shows run-time against load.



Two button presses on-load displays run-time in hours and minutes



One button press on or off-load shows remaining capacity as a percentage



When the battery is fully charged the display indicates as above



When the battery is fully discharged the display indicates as above

### PAG L96T Specification

#### Model No. 9305V

Sony V-Mount compatible battery connector.

#### Model No. 9305

PAGlok professional battery connector.

#### Model No. 9305A

Gold Mount (Anton Bauer) battery connector.

#### Construction:

The casing for these models consists of high-impact polycarbonate injection mouldings, designed to protect the cells from impact damage.

The cells have welded interconnections of low-resistance nickel strap. The batteries are sealed and non user-serviceable.

#### Cells:

Premium grade Lithium-Ion sealed rechargeable cylindrical cells.

#### Voltage:

14.8V nominal. The battery contains 12 cells connected in series/parallel. Each cell has a nominal voltage of 3.7V.

#### Capacity:

Nominal 6.5 ampere-hours, with a charge voltage of 4.2V per cell.

#### Output Current:

Rated maximum continuous output current is 8 amperes.

The capacities of two L96T batteries can be combined (192Wh) for longer run-times and a higher current draw (up to 10A), by using a PAG Power Plate dual battery mount.

#### Protection:

The battery incorporates the following safety shutdown systems:

- > 3 over-current shutdown systems.
- > 2 over-voltage shutdown systems.
- > 2 under-voltage shutdown systems.
- > 2 thermal shutdown systems, including a non-resetting thermal fuse.

All protection circuits within the battery are designed to withstand the leakage of electrolyte.

#### Operating Temperature Range:

Optimum discharge efficiency is achieved within the temperature range +10°C to +40°C.

#### Capacity Display:

A single button-press displays charge status in terms of percentage. A second button press, on load, displays remaining run-time in hours and minutes (see Numeric Run-Time & Capacity Display above).

The V-Mount and PAGlok models are compatible with multiple viewfinder data systems, such as those used by Sony and Red. They display capacity as a percentage and adjust automatically when presented to a different system.

#### Charging:

The L96T can be charged using any PAG Li-Ion battery charger.

The V-Mount L96T can be charged using the equivalent Sony charger.

The Gold-Mount L96T can be charged using Anton Bauer Li-Ion chargers.

#### Overall Dimensions:

##### V-Mount Model:

|              |             |              |
|--------------|-------------|--------------|
| Height       | Width       | Depth        |
| 130mm (5.1") | 86mm (3.4") | 47mm (1.85") |

##### PAGlok Model:

|              |             |               |
|--------------|-------------|---------------|
| Height       | Width       | Depth         |
| 130mm (5.1") | 86mm (3.4") | 42mm (1.65")* |

\*excluding locking claws

##### Gold-Mount Model:

|              |             |               |
|--------------|-------------|---------------|
| Height       | Width       | Depth         |
| 130mm (5.1") | 86mm (3.4") | 52mm (2.00")* |

\*excluding mushroom lugs

#### Weight:

|                    |                  |
|--------------------|------------------|
| <b>V-Mount:</b>    | 0.75kg (1.65lbs) |
| <b>PAGlok:</b>     | 0.73kg (1.61lbs) |
| <b>Gold-Mount:</b> | 0.76kg (1.67lbs) |