Travelpak battery system 12
Warranty 2
Specifications 14-15
Light Modifiers 13-14
Pulsar Radio Trigger System 13
Error Indications 11
Changing the Flash Tube 10
Triggering Options 9
Photocell 8
Modelling Control 8
Ready Indications 7
Set-up 5
Safety Notes 3
CE Mark 2

No warranty repairs can be undertaken to any units without proof of warranty in advance of undertaking any work that may be required. The cost of any repairs should be notified to the owner, by the dealer, who will arrange to repair the unit as soon as possible, at no charge.

If a unit is returned after the initial four week period (and within the max two year warranty period), then the unit should be returned to the dealer from where it was purchased, to exchange (if available) the faulty unit for a new one; if the faulty unit was part of a kit or bundled bundle the dealer/retailer may offer to repair the unit as soon as possible at no charge.

If neither an exchange or repair is possible for the faulty unit, then a full refund may be made.

If a product does not work on arrival or up to a maximum period of four weeks from the date of purchase, it should be returned to the dealer/retailer from where it was purchased, to exchange (if available) the faulty unit for a new one; if the faulty unit was part of a kit or bundled bundle the dealer/retailer may offer to repair the unit as soon as possible at no charge.

If a warranty fault occurs after the initial four week period (and within the max two year warranty period), then the warranty will be deemed invalid and any repairs that may need carrying out will be payable by the owner.

Warranty does not apply to consumable items such as flash tubes, modelling lamps, fuses, consumable type batteries.

This warranty does not apply to consumable items such as flash tubes, modelling lamps, fuses, consumable type batteries.

All Bowens electrical products are covered by a two year warranty against faulty design, materials or workmanship. In the event that a fault develops within this two year period and it is judged that the fault is due to faulty design, materials or workmanship, then Bowens will replace the unit and not the entire kit. Alternatively the dealer may offer to repair the unit as soon as possible at no charge.

In order to obtain the full benefit from your purchase, please take a few moments to familiarise yourself with this user manual.

Bowens products are sold by Bowens Ltd, 5-9 York Road, London N10 1JF. For full details please refer to the Bowens website. www.bowens.co.uk.

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Operating your Gemini R or Pro

The Bowens Gemini R and Pro monolights can be operated from either an AC (mains) supply or from a Bowens Travelpak battery.

For AC (mains) operation, the AC switch (page 4) should be in the upper position.

For DC (battery) operation, the switch should be in the lower position.

NOTE: When operating from a Travelpak battery, the modelling functions are not available, this is to preserve battery life.

• Ensure the power source is off.
• Connect the unit using the appropriate cable.
• If using the Travelpak, ensure the connector locks are fully tightened.
• Switch the power source on, then switch on the Gemini.
• The unit will charge & indicate it is ready for use by lighting the green flash-ready LED.
• Press the test button to check the unit fires.

Mounting your Gemini R or Pro

Mount your monolight on a dependable support system. The mount bush on the ‘L’ bracket allows for two possible ways of mounting to the stand/support (below).

Method B may be found useful if the light is required to point down.

User Set-Up Options

To enter the ‘user set-up options’ hold down the ‘flash test’ button (page 4) for 3-4 seconds when the unit is switched on.

Once the unit has entered the user set-up options the LED display will show a continuous sequence of numbers (four sets of two numbers). Firstly the software version will be displayed (shown by a decimal point i.e. ‘1.1’) followed by a three, two-digit number sequence, representing the total flash count for that particular unit (up to 999,999). Each set of numbers in the flash count sequence will be interspersed with a dash, for instance 00-15-76 (representing 001,576 flashes).

Once the LED display had cycled through the software version and the total flash count, the unit will then activate the ‘user set-up options’.

The ‘1/10-stop (TENTHS) power adjust dial’ is used to select the required function / option for review or change.

Once a user set-up option is selected using the ‘TENTHS dial’, the LED display will show the current setting.

To cycle through / change the setting for any user set-up option, press the ‘modelling lamp function switch’ (page 4) at the rear of the unit either up or down.

Once all the user set-up options have been reviewed or changed as required, press the ‘flash test’ button to save the amended settings and reboot the unit to normal operation.
GEMINI R AND PRO

Flash Power Control
The Gemini flash output is set using two rotary dials (fig. 1); the left-hand dial is used to control the power in 1 ⁄ 32 -stop adjustments. Both settings are indicated on a scale around each dial; the current setting is shown on the LEDs display.

The maximum f-stop power setting depends on the f-stop power rating of each individual unit. 250Ws, 500Ws and 750Ws units provide a 7-stop power range, F1.0 to F8.0 (7-stop power adjustments over 8 stop points). The maximum f-stop range for the 1000Ws and the 1500Ws units provide a 7-stop power range, F1.0 to F7.0 (6-stop power adjustments over 6-stop points is equal to full power to 1⁄128).

In pulse mode, if the flashing lamp is set to a low level when charging, the lamp will ‘intermittent’ or ‘pulse’. When the modelling is set to ‘intermittent’ or ‘pulsing’ the lamp will extinguish when the unit has fired, and then reappear again after a short period of time. The modelling power setting can also be used to control the output of the light during the recharge state and then come back to the original setting when the unit has charged and is 100% ready.

Modelling Lamp Ready Indications
There are various indications available on the unit to let the user know when the unit is 100% charged and ready to fire. Ready Sounder - an audible ready beep is available via an on/ off rocker switch at the rear of the unit (see page 4); the ready beep can also be switched off / on from within the ‘remote control’ mode (only in REM mode).
Modelling Lamp Control

When the modelling lamp is set is set to ‘Off’, none of the red LED's on the side and rear of the unit will display the current output.

The modelling lamp output option can be adjusted manually.

- To manually set the modelling output change the modelling lamp function switch, pressing up to increase and down to decrease the output setting.

5 for ‘user set-up’ mode and options).

The Photocell is a built-in light sensitive trigger that allows the Gemini to learn the trigger sequence of the flash selected by the user (this option is for those who wish to trigger the Gemini from an external flash source without a radio or IR). A recognised 1st flash is the normal ‘instant’ trigger, where only one flash is used coincident with the shutter. To set the desired number of pre-exposure flashes to be fired the flash test button can be used. The Photocell will monitor the flash and learn the trigger sequence for the Gemini to be synchronised to the camera shutter on the 1st, 2nd, 3rd or 4th flash (for flash photography or for those applications the ‘Test Flash’ button can be used).

Smartcell 'Learn' mode

- The ‘smartcell’ can also ‘learn’ the trigger sequence of the flash selected by the user (this option is for those who wish to trigger the Gemini from an external flash source without a radio or IR). A recognised 1st flash is the normal ‘instant’ trigger, where only one flash is used coincident with the shutter. To set the desired number of pre-exposure flashes to be fired the flash test button can be used. The Photocell will monitor the flash and learn the trigger sequence for the Gemini to be synchronised to the camera shutter on the 1st, 2nd, 3rd or 4th flash (for flash photography or for those applications the ‘Test Flash’ button can be used).

Triggering Using External Flash - To trigger the Gemini using an external flash source the Photocell must be set to ‘on’, setting the switch to the ‘upper’ position will turn the Photocell off.

5 for ‘user set-up’ mode and options).

If the switch is set to the ‘lower’ position the cell will be turned ‘on’, setting the switch to the ‘upper’ position will turn the Photocell ‘off’.

Smartcell - The Photocell on the Gemini R and Pro range has a ‘smartcell’ function to enable pre-exposure flashes to be ignored. These can be used for exposure measurement and/or red eye reduction. This option allows the Gemini to be synchronised to the camera shutter on the 1st, 2nd, 3rd or 4th flash and is manually set. For the Gemini to learn the pre-flash sequence the user must enter the ‘User set-up’ mode and select the Photocell trigger option. Once the Photocell trigger option is selected LED's on the side and rear of the unit will flash continuously. The Photocell trigger option on the Gemini must then be set to the 1st flash to enter the ‘learn mode’.

- number 1 is highlighted / shown on the 7-segment display, aim the external flash at the Photocell and fire to learn the trigger sequence. The Photocell will display the sequence / number of flashes. The total number of flashes displayed will correspond with the number of flashes in the trigger sequence on the T-segment display on the side of the unit. After the number of flashes is displayed the Photocell must be set to ‘on’ to save the setting shown and to enter normal operation.

The length of time for the ‘lamp saver’ function to activate can be set from 1 to 99 minutes in ‘user set-up’ mode (see page 4 for ‘user set-up’ mode and options).

Photocell - The Photocell must be set to the ‘Smartcell’ function in order to enter the ‘learn mode’.

Sync Socket - The standard 1⁄4” jack socket on the rear panel of the unit may be used for direct connection to a camera or trigger system (i.e. radio or IR).

Plug-in Radio Trigger Module

PocketWizard Radio Trigger System (344Hz and 433mHz radio module available).

Radio Trigger Card Kits

These simple kits upgrade Bowens Gemini R and Pro (as well as Gemini Classic monolights) to become compatible with the Bowens Pulsar and PocketWizard radio trigger systems.


Plug-in Radio Trigger Module

The Gemini R and Pro units feature a unique option to include a plug-in radio trigger module. There are three different plug-in modules that are available for the Gemini R and Pro range.

- Bowens Pulsar Radio Trigger System.
- PocketWizard Radio Trigger System (344Hz and 433mHz radio module available).

Radio Trigger Card Kits

Simple kits upgrade Bowens Gemini R and Pro (as well as Gemini Classic monolights) to become compatible with the Bowens Pulsar and PocketWizard radio trigger systems.

These kits include radio trigger card, plug-in antenna and simple instructions. Sets up in minutes.


Radio or IR Triggering System

There are a number of ways to trigger the Gemini R and Pro monolights:

- The standard 1⁄4” jack socket on the rear panel of the unit may be used for direct connection to a camera or trigger system (i.e. radio or IR).

Sync Socket - The standard 1⁄4” jack socket on the rear panel of the unit may be used for direct connection to a camera or trigger system (i.e. radio or IR).

Plug-in Radio Trigger - The Gemini R and Pro monolight modules feature an option to include a plug-in radio trigger module.
Error Indications

All of the Bowens R and PRO range models will indicate errors via the 7-segment LED display, and the red modelling lamp LED's flashing in a particular order. The error indications are as follows (see table below the 'Error indications' section for a full explanation of the error codes):
The Gemini Classic is great in the studio, but what if you need to work on location? Thanks to this handy battery pack, your Bowens Gemini can leave the studio to go on location anytime, anywhere! Able to power two Gemini units simultaneously with a total power of up to 1500Ws, the Travelpak is capable of bringing a 250Ws unit to full charge as fast as 2.5 seconds, and can offer in excess of 300 flashes on a single charge. The large battery offers double capacity compared to its smaller counterpart.

With a fast/slow charge option to prolong battery life, no location photographer should be without this unique power pack.

**Small Battery Unit**
- **WS**: 250
- **1 Head**: 300 (2.5 sec)
- **2 Heads**: 150 (5 sec)

**Large Battery Unit**
- **WS**: 500
- **1 Head**: 600 (2.5 sec)
- **2 Heads**: 300 (5 sec)

**Battery Performance:**
- **Typical Flashes (Recycle Time)**
  - 1 Head: 300 (2.5 sec)
  - 2 Heads: 150 (5 sec)

**Accessories**

- **Travelpak Battery System**
- **Pulsar Trigger System**
- **75º Softlite Reflector**
- **16º Snoot**
- **Glass Domes**

**Pulsar Trigger System**
- Suitable for triggering flash heads or cameras. Each Pulsar can be used as a trigger or receiver and can send/receive signals up to 100m (330').

**75º Softlite Reflector**
- A unique lighting effect created by including a Perspex outer diffuser with a honeycomb grid in the centre. The Grid Diffuser gives a pool of direct light in the centre, surrounded by soft-diffused light. The ratio between the centre and edge is 3:1 - ideal for portrait applications.

**Glass Domes**

- These protective glass domes sit over the flash tubes and allow for greater creativity with the flash output. Only available for use with the Gemini 1000Pro and 1500Pro. Different domes are available:
  - **BW2981**: UV coated Glass Dome
  - **BW2982**: Clear Glass Dome
  - **BW2983**: Frosted Glass Dome

**16º Snoot**
- For creating a simple spot effect, this 10cm (4”) cone can also be used as a hair light, creating a pool of illumination on the hair without spilling on to the face or background.

**Accessories**

- **Small Travelpak Kit**
  - **Dimensions**: 170mm(w) x 140mm(d) x 205mm(h)
  - **Weight**: 5kg
  - Includes small battery, charger and cable.

- **Large Travelpak Kit**
  - **Dimensions**: 170mm(w) x 140mm(d) x 240mm(h)
  - **Weight**: 6.4kg
  - Includes large battery, charger and cable.

- **Universal Mains Charger**
  - Replacement or spare mains charger for Travelpak batteries.
  - Includes a set of international plug types for travelling overseas.

- **Car Charger**
  - Allows Travelpak batteries to be recharged from a vehicle cigarette lighter or auxiliary power socket when no mains power is available.

- **Travelpak - Gemini Cable**
  - For connecting a Travelpak battery unit to a Bowens Gemini monolight.
  - Available in 3m and 8m lengths.

- **Spare or Replacement Battery**
  - The modular nature of the Travelpak allows you to have a spare battery to be fully charged and ready to swap onto the control panel on long photo sessions.
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**gemini r and pro accessories**

- **65° Maxilite Reflector**
  - This is a good general-purpose direct reflector with an even coverage and a high light output. Since it has a small 250W (8") diameter, the light it produces is moderately high in contrast.
  - BW1895 - 65° Maxilite Reflector

- **Honeycomb Grids for Maxilite**
  - These grids fit on to the front of the Maxilite reflector and deliver a very tight controlled pool of illumination, creating a highly efficient spot effect.
  - BW1091 - 1/" (.525mm) Wide Angle Grid
  - BW1092 - 1/" (.525mm) Narrow Angle Grid

- **Gemini IR Remote Control**
  - This fly-in/ fly-out barn-door attachment allows a greater degree of control over the light spread. This attachment also incorporates a gel holder allowing the use of the BW2364 Gel Set for creative lighting.
  - BW2365 - Barn-Door & Gel Holder

- **Gemini IR Remote Control**
  - The pocket-sized Gemini remote control makes working with compatible Gemini monolights a breeze. Weighing just 34g, this directive device allows precise control of many of the main features.
  - BW3900 - Gemini IR Remote Control

- **Gemini R and Pro Accessories**
  - Barn-Door & Gel Holder for Maxilite
  - 65º Maxilite Reflector
  - Honeycomb Grids for Maxilite
  - 1⁄4" (6.35mm) Narrow Angle Grid
  - 1⁄4" (6.35mm) Wide Angle Grid

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**Gemini Pro specifications**

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**Gemini Pro specifications**

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