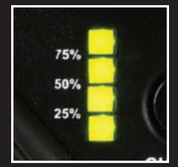

travelpak

lead-free

RoHS 2002/95/EC

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BOWENS
the power behind the picture

travelpak

USER GUIDE

BOWENS
the power behind the picture

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INTRODUCTION

Thank you for choosing the Bowens Travelpak battery system.

The Travelpak has been designed by working closely with photographers to develop a flash system that meets the high-quality standards demanded by todays professional photographers.

Only the best materials and components are selected and used in the construction of all Bowens products, to ensure all of our units are of the highest standards possible; a reputation that has become synonymous with the Bowens brand throughout the world.

In order to obtain the full benefit of this product, please take a few moments to familiarise yourself with this user guide.

Bowens International Ltd.

THE TRAVELPAK

The Travelpak battery is part of a world-class lighting system that has been designed to the highest possible standards.

Along with the Gemini monolight, the Travelpak offers photographers the freedom and flexibility to take their professional lighting system with them anywhere, at anytime.

The Travelpak is a durable, reliable battery that has been designed to withstand the rigors of todays hard working location shoots.

Now with its unique 'hot-swap' battery feature, the Travelpak give photographers the ability to instantly change a battery if the first fades before a photo-shoot is complete.

THE TRAVELPAK AT A GLANCE.

- Simple & lightweight location power.
- Unique easy battery swapping.
- Large & small battery options.
- Power up to two Gemini monolights.
- Fast & slow charging options.
- Batteries can be charged independently.
- Easy to read battery level indicator.
- Robust all-metal panel construction.
- Dummy plug storage compartment.
- Recharge from mains or car-charger.
- Convenient quick-clip shoulder strap.

SAFETY NOTES - DO

1.) Only fit Bowens approved equipment to the Travelpak.
2.) Allow at least one hour for the Travelpak to stabilise at room temperature, especially when moving the unit from extreme temperature and humidity.
3.) Avoid placing cables where they can be tripped over. Protect from heavy, sharp or hot objects which may cause damage and replace damaged cables immediately
4.) Due to the high voltage / high energy used in Travelpak units, all servicing must be carried out by an authorised service centre.
5.) If the unit is dropped or damaged in any way, always have it checked out before using again.

SAFETY NOTES - DO NOT

1.) Use in an environment where moisture or flammable liquid is likely to come into contact with this product.
2.) Charge a Travelpak battery in a gas tight container.
3.) Use a unit with damaged housing or mouldings.
4.) Attempt to replace the internal 20A fuse inside the Batterypak. This should only be carried out by an authorised Bowens service centre.

CONNECTING AND USING THE TRAVELPAK WITH A GEMINI

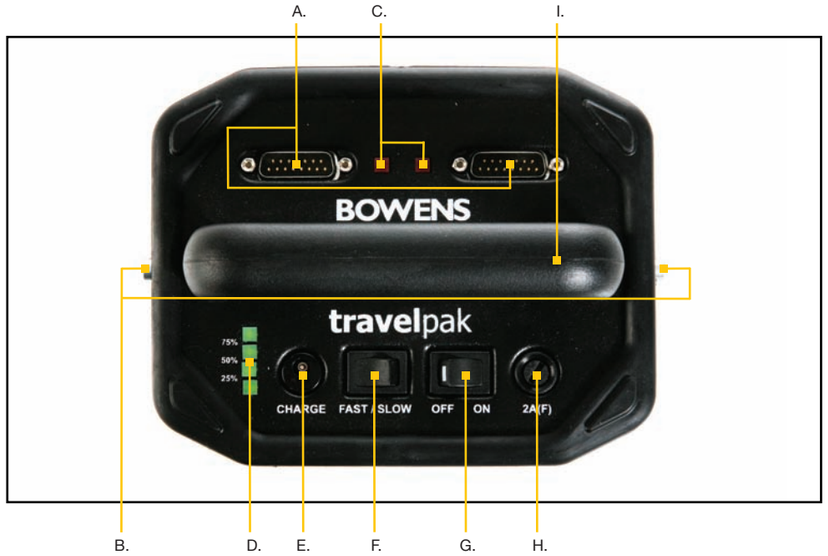
WARNING HIGH VOLTAGE: NEVER CONNECT THE GEMINI TO BOTH A MAINS SUPPLY AND A TRAVELPAK BATTERY AT THE SAME TIME.

For battery operation the power switch on the Gemini should be in the lower position. The centre position is 'off'.

POWER CONNECTING INSTRUCTIONS:

1.) Ensure the Travelpak is switched 'off'.
2.) Connect the Travelpak to the Gemini using the appropriate cabling.
3.) Ensure the power lead connectors are fully tightened.
4.) Switch the Travelpak 'on', then turn 'on' the Gemini.
5.) The Gemini will charge and indicate it is ready by illuminating the green LED on the side of the unit.
6.) Press the 'Flash Test' button on the side of the unit to check the unit fires.

TRAVELPAK CONTROL PANEL OVERVIEW



A. Travelpak to Gemini cable connectors.
B. Shoulder strap / dummy plug holders.
C. Charging LEDs.
D. Battery level indicator.
E. Charger connection.
F. Fast / slow charge switch.
G. On / off switch.
H. Fuse holder.
I. Carry handle.

A single Gemini unit can be fitted to either channel A or channel B, using the Travelpak cable. When only connecting only one flash head always ensure that a dummy plug is fitted to the unused socket.

When connecting the Travelpak to Gemini cable always ensure that the cable is fully inserted into the connections, and make sure to tighten the thumb screws.

To remove the BatteryPak from the Travelpak control panel:

Step 1: Place hands either side of the Travelpak and press both latch buttons in firmly.

Step 2: Once both latch buttons are pressed, lift Travelpak control panel away from the Batterypak.

Step 3: To replace the Batterypak simply position the Travelpak control panel above the Batterypak ensuring the twin power connectors on the Control Panel are in line with the power terminals on the BatteryPak and press down firmly until both latch buttons click into place.

NB: ENSURE LATCH BUTTONS CLICK IN PLACE TO SECURE.

Step 1:

Step 2:

Step 3:

To ensure the power connections on your Travelpak Control Panel remain in the best possible condition, make sure to **NEVER** place the control panel with the power connectors directly resting on the floor (see Fig. 1); see Fig. 2 for correct way to place Control Panel onto the floor when not connected to a BatteryPak.

FIG. 1

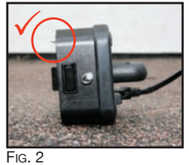


FIG. 2

GREEN LED'S (BATTERY LEVEL)

Each LED on the control panel represents 25% of the battery life.

Figure 1: @ 100% charge
Figure 2: @ 75% charge
Figure 3: @ 50% charge

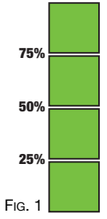


FIG. 1

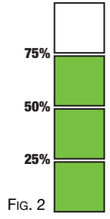


FIG. 2

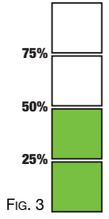


FIG. 3

After the unit is switched 'on' only the bottom two LED's will light up initially to display a charge level of 50%. After being initially switched 'on' the control panel will read the connected Batterypak to determine the level of charge remaining; after 2-3 seconds the control panel will display the correct battery level / remaining charge.

RED LED'S (CHARGE INDICATORS)

Flashing Indicators usually indicates normal charging.

DISPLAY INDICATORS WHEN 1 UNIT IS PLUGGED IN.

Red LED stay illuminated while charging, then flashes on and off when ready.
Make sure dummy plug is attached to second connection ensuring the circuit is closed; if the circuit is not closed then the first (connected) flash head will not charge.

Indicators when unit is charging. Red LED stays illuminated.

Flash Head Fitted — Dummy Plug Fitted

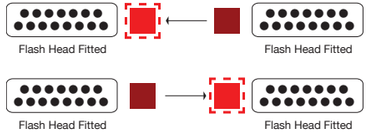
Indicators when unit is charged. Red LED flashes on and off.

Flash Head Fitted — Dummy Plug Fitted

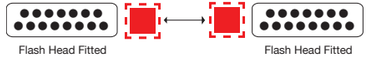
Display indicators when 2 units are plugged in.

Red LEDs will flash quickly from one side to the other while both units are charging. Both LEDs will flicker when the units are charged and ready to fire.

Indicators when units are charging. Red LEDs flash from side to side while charging.



Indicators when units have charged. Red LEDs flicker once charged and ready to fire.



Overheat Indication.

An over heat charged will be displayed by both LEDs flashing *slowly* from one side to the other.

- You should **not** allow your Travelpak battery to fully discharge as this will significantly reduce future operating times, and the life of the battery.
- To preserve battery life the Travelpak will automatically disable the fast charge mode at the low end of the batterys charge.
- It is not recommended to continue using the Travelpak when 25% charge is showing; it is recommended to either change the battery for a fully charged one or stop shooting and recharge the battery.
- To prolong the life of the Batterypak it is recommended to recharge the battery as soon as possible after using it. If the battery is to remain stored for any length of time without use, it is recommended to recharge every 3-4 weeks.

The Travelpak also features a built-in thermal cut-out, the cut-out will only engage in extreme use. Your Travelpak will safely complete 100 flashes at a moderate rate without overheating.

The following table should be used as a guide only:

Flash Rate in Seconds	Max number of flashes before overheat
10	56
20	115
30	200

The Travelpak control panel features a unique storage compartment which is designed to house two dummy plugs. Spare dummy plugs can be stored in the compartment located on the bottom of the control panel when they are not required during use, or when the Travelpak has been stored after use. Alternatively, they may be tethered to the shoulder strap / dummy plug holders with the loop strap provided.

Q. My Modelling lamp does not work when powered by my Travelpak?
A. The Travelpak is not intended to run the modelling lamp. This is to preserve the battery life.

Q. Can I leave the mains connected to my Gemini flash head while operating the Travelpak?
A. No, DO NOT plug a mains lead in at the same time as a Travelpak.

Q. My old Esprit does not have a 15-pin battery connector, can I have one?
A. The Gemini range includes new circuitry so it is not possible to upgrade older units.

Q. Can I change the rechargeable battery inside the Travelpak myself?
A. No. Due to the high voltage/energy used this should only be carried out by a Bowens authorised service centre.

Q. My unit will only do about 50 shots before cutting out; what is wrong?
A. Your Travelpak has a thermal cut-out built-in to protect from extreme temperatures.

Q. I have two Gemini units connected to a single Travelpak; can I shorten their recycle times?
A. You can lower their power setting or connect a separate Travelpak battery to the second Gemini flash head. Fast charge will not be available at the low end of battery charge; therefore longer recycle times.

Q. How can I maximise the number of flashes obtained?
A. Turn down the flash power; make the time between flashes longer; use an additional (separate) Travelpak to power the second Gemini flash head; also use the 'slow' charge option.

Q. I hear a whistling noise when the unit is charging. Is my Travelpak developing a fault?
A. No, the harder the Travelpak has to work the more obvious this will become. This will be more apparent when the unit is set to fast charge and the battery has a low power charge remaining.

Q. My unit will only do about 50 shots before cutting out; what is wrong?
A. Your Travelpak has a thermal cut-out built-in to protect from extreme temperatures.

Q. I have an Esprit Gemini and a Travelite III, can I use them at the same time on one battery?
A. Yes. Even though they require different mains voltage both can be used at the same time.

Q. I'm not going to use my Travelpak for some time; is there anything I can do to to ensure that storing it for long periods will not damage the battery?
A. You should charge the battery before storage, and then re-charge every 3 months.

Q. Can I leave the battery charger connected to a Travelpak while using it?
A. Yes. Although if you have access to mains power your flash heads should be used directly with the mains as this will greatly improve the recycle times. When using the Travelpak while charging it the charger may not ever indicate a full charge.

Q. Can I charge my Travelpak in a foreign country?
A. Yes, the supplied charger has many standard plug attachments included and will automatically adjust to the voltage being supplied. Voltage range from 100V - 240V, 50 or 60Hz.

Q. My flash unit is not coming to ready?

A1. Check errors by red charge indicators. See page 6-7.

A2. Make sure when using only one flash head a dummy plug is fitted to the spare socket.

A3. Make sure the flash head power switch is set to the lower position for battery operation.

A4. Check Travelpak is switched on and green battery indicator LEDs are showing.

A5. Has the Travelpak gone into power save mode. Toggle the fast/slow switch to wake it up.

A6. Travelpak maybe overheated, allow the unit to cool down.

A7. Check connection cables and plugs are fully fitted and not damaged.

Q. My Travelpak appears to not be charging the battery.

A1. Turning the unit off will allow the Travelpak to reach full charge.

A2. Check the charger is fully inserted into the mains plug as well as the Travelpak; also check the LED on the charger is lit indicating that it is charging.

Q. My flash unit makes multiple beeps when the Travelpak goes into sleep mode.

A1. You should always turn off the Travelpak when left unused, this will improve the battery life.

A2. Turn off the Gemini ready sounder.

Q. The fuse blows or supply trips when connecting mains socket & Travelpak cable to the head.

A. If a mains supply and the Travelpak cable are connected at the same time an external circuit may be tripped and the fuse on the unit may blow. **DO NOT OPERATE THE HEAD THIS WAY.** This is a safety requirement to protect from potentially unsafe conditions.

TRANSPORTING UNITS

When transporting any Bowens units, ensure that all equipment is carefully packed into appropriate bags and/or hard shell cases. Make sure all items are securely placed inside the appropriate baggage to protect from any knocks.

If a unit is dropped and / or knocked during transport, always have the unit checked by an authorised Bowens service / repair centre before using.

All Bowens products are certified by the CE mark. The CE certified mark is a declaration of conformity to the required EEC directives 89/336/EEC ‘Electromagnetic Compatibility’ and 73/23/EEC ‘Low Voltage Directive’.

POWER CABLES

Only use Bowens approved Travelpak to Gemini cables with any Bowens Travelpak battery system.

CHANGING THE FUSE ON THE CONTROL PANEL

The fuse in the Travelpak control panel may blow if a short has occurred, for instance if a non Bowens authorised external battery has been used or if a non Bowens approved mains charger has been used.

The fuse in the Travelpak control panel is located on top of the control panel as shown. To replace, simply unscrew the fitting. Always replace the fuse with the same rating.

All Bowens electrical products are covered by a two year warranty against any faulty design, materials and workmanship.

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 / retail outlet 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 that was purchased, the dealer / retailer may choose to simply replace the unit and not the entire kit. Alternatively the dealer 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 warranty fault occurs after the initial four week period (and within the max two year warranty period), then the unit should be returned to the dealer, who will arrange to repair the unit as soon as possible, at no charge.

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

Should a unit be returned at any time within the two year warranty period, and it is judged to have experienced any of the following points, failure to follow working instructions correctly, accidental or willful damage, misuse, alteration or repair by a non authorised Bowens service / repair centre, then the warranty will be deemed invalid and any repairs that may need carrying out will be payable by the owner.

The cost of any repairs should be notified to the owner, by the dealer, in advance of undertaking any work that may be required.

No warranty repairs can be undertaken to any units without proof of purchase.

All warranty repairs or returns must be conducted with the dealer from where the product was purchased.

Other terms and conditions may be applicable in specific countries, if stated by the dealer at the time of purchase.

This product must be recycled in the correct manner. In order to recycle this product in an environmentally friendly way, please dispose of at your local electronic waste facility.

If you have any questions regarding the disposal of any Bowens products, contact your local Bowens retailer and/or Bowens distributor (a list of which can be found on the bowens website).

TRAVELPAK BATTERY SYSTEM

BW-7693 Travelpak with small Batterypak, inc. 3m power cable, carry strap and charger.
BW-7694 Travelpak with large Batterypak, inc. 3m power cable, carry strap and charger.
BW-7692 Travelpak Control Panel unit, inc. 3m power cable and charger.
BW-7695 Travelpak Control Panel unit.
BW-7690 Small Batterypak.
BW-7691 Large Batterypak.
BW-1227 Universal multi-voltage mains charger.
BW-1245 Car Charger.
BW-7632 3m power cable.
BW-7632/E 8m power cable.

BW-7695 Travelpak Control Panel

BW-7690 Small Batterypak

BW-7691 Large Batterypak

Number of flashes from compatible Gemini monolights & recycle times.							
Power (Ws)	200	250	400	500	750	1000	1500
Small Battery. (Number of flashes & recycle times to full power).							
One Head	375	300	185	150	110	75	50
	2 secs.	2.5 secs.	4 secs.	5 secs.	7.5 secs.	10 secs.	15 secs.
Two Heads	185	150	95	75	55	38	25
	4 secs.	5 secs.	8 secs.	10 secs.	15 secs.	20 secs.	30 secs.
Large Battery. (Number of flashes & recycle times to full power).							
One Head	750	600	370	300	220	150	100
	2 secs.	2.5 secs.	4 secs.	5 secs.	7.5 secs.	10 secs.	15 secs.
Two Heads	375	300	185	150	110	75	50
	4 secs.	5 secs.	8 secs.	10 secs.	15 secs.	20 secs.	30 secs.

	Travelpak Control Panel	Small Battery	Large Battery
Part Code	BW-7692	BW-7690	BW-7691
Weight	1.6Kg (3.8lbs)	3.5Kg (8lbs)	4.9Kg (10.8lbs)
Length	140mm (5½")	140mm (5½")	140mm (5½")
Width	170mm (6¾")	170mm (6¾")	170mm (6¾")
Height	120mm (5") inc. handle.	85mm (3¼")	120mm (5")
Circuit Protection	2A charge protection fuse	Non-user replaceable 20A fuse.	
Typical Charge Time	N/A	2A charger - Approx 3 Hrs.	2A charger - Approx 5 Hrs.

Reliable, Durable, Consistent...

travelpak

BW-7632/E TRAVELPAK 8M EXTENSION CABLE - For when you need extra room to maneuvre. The 8m Travelpak extension allows location photographers more freedom and flexibility when positioning their set-ups. travelpak 3m cable also available: BW-7632.

BW-5150 PULSAR RADIO TRIGGER SYSTEM - Whether you're triggering flash heads or cameras, the Pulsar is the right tool for the job. Each Pulsar can be used as a trigger or receiver and can send / receive signals up to 100m (333'). TWIN PACK also available: BW-5160.

BW-1790 RINGLITE CONVERTER - Working with ringflash can be expensive. Thanks to the Ringlite Converter, you can now shoot ringflash style photography at a fraction of the price of more traditional sources. Simply attach to any Bowens flash head with an 'S'-type accessory mount to instantly create a ringflash effect.

BW-1868 40° SUNLITE REFLECTOR - a 43cm (17") white interior reflector designed to replicate sunlight for photographing items such as architectural models. The white-painted interior of the Sunlite Reflector helps to ensure that an even light is delivered.

BW-1884 SUPERSOFT 600 DIFFUSER - The ultimate soft beauty light. The Supersoft 600 Diffuser mounts directly onto the front of the 40° Sunlite Reflector. Its super-large 600mm (23½") front diameter and unique three-layered diffusion panels create a large, soft light source that is completely even.

BW-1886 50° KEYLITE REFLECTOR - A very high output direct reflector with a diameter of 24cm (9½"). The Keylite Reflector is the perfect accessory to use when maximum output is required. A superb reflector to use when bouncing light from walls or ceilings.

BW-1899 75° SOFTLITE REFLECTOR - This 38cm (15") matt finished reflector is supplied with a double diffuser cap that covers the flash tube and modelling lamp for added softness. The softest of Bowens direct reflectors, it's perfect for portraiture, beauty and product photography.

BW-1866 GRID DIFFUSER - The Grid Diffuser is an accessory for the 75° Softlite Reflector that creates a unique lighting effect by including a perspex outer diffuser with a honeycomb grid in the centre. The Grid Diffuser gives a direct pool of light, surrounded by a soft diffused light making it ideal for portraiture.

BW-1878 HIGH PERFORMANCE REFLECTOR - The High Performance Reflector has a 32cm (15") diameter; the parabolic design delivers a bright, intense output perfect for creating deep shadows and high contrasting images. An absolute must where lots of light is requires.

BW-1886 65° MAXILITE REFLECTOR - A great all-purpose direct reflector with an even coverage and a high light output. With a relatively small diameter of 20cm (8"), the light it produces in moderately high in contrast. The stippled surface ensures a smooth, even light distribution.

BW-1891 & BW-1892 - MAXILITE HONEYCOMBS - These fit onto the front of the Maxilite Reflector and deliver a very tightly controlled pool of illumination, creating a highly efficient spot effect. BW-1891 - 3/8" (9.525mm) creates a wider spot. BW-1892 - 1/4" (6.35mm) creates a narrower angled spot effect.

Bowens huge range of reflectors, light modifiers and softboxes have all been designed to make creating professional looking images quick and simple for photographers of all levels, from product shots, to basic portraits to high fashion. For a full list of all Bowens accessories visit the website: **www.bowens.co.uk**