

Portable Power Supplies USB Battery Pack User Guide

Description

This is an external battery pack for mp3 players and other portable electronics, and has been designed and tested for use with many portable audio and video players, for a full list please visit our website. It may be used with devices which charge from a USB socket, and also other many devices which charge through a 5V DC charger.

Specifications

<i>Chemistry</i>	Lithium-Ion
<i>Output capacity</i>	12WH (3400mAh)
<i>Output voltage</i>	DC 5V
<i>Charge time</i>	4 hours (AC adaptor), 6.5 Hours (USB)
<i>Lifespan</i>	More than 500 full charge cycles
<i>Charging Efficiency</i>	>95%
<i>Dimensions</i>	100x62x15mm
<i>Weight</i>	120g
<i>Charging mode</i>	CC/CV

Using the Retractable USB cable

To extend the cable: Plug the cable into a USB socket, and extend to the required length by pulling the other end of the cable. Do not grip the middle 'round' section of the cable while extending.

To retract the cable: Extend the cable by a small amount, and release. The cable will be pulled back into its housing.

Velcro Pads (Optional)

We supply hook and loop tape to attach the pack to your player, and it is more than strong enough to hold the pack in place. Stick the furry side to the player, and the hooked side to the pack. If you later decide to permanently remove the pads they can be peeled off, and any residue wiped off with a damp cloth. As an alternative, apply a generous amount of blu-tak or similar product.

Charging the Battery Pack

When you receive the pack, it must be fully charged before first use. After the first time it fine to charge the pack for only a short time. The pack incorporates its own charging circuit, and can be charged from any USB 2.0 socket. The blue lights will flash during charging, and will be constantly lit when full. The pack can go through 500 charge cycles before performance starts to drop. Half charging the pack counts as half a cycle, so its fine to keep the pack constantly topped up.

To charge the pack, connect the supplied retractable lead to the 'in' socket on the pack, and the other end to a USB socket. Alternatively, any other mini USB to USB cable can be substituted. When charging from a PC, use a socket on the box itself, and not on a keyboard or USB hub, which may charge the pack at a much slower rate.

Using the Battery Pack

By default, the pack is in a 'sleeping' state, ready to keep in storage without its charge draining away. To use the pack, push the button to 'wake' it, and plug in the device to be charged into the 'OUT' socket on the pack. The blue light will turn on and stay on while the pack is in use, and for a few moments after the device is disconnected.

It is fine to leave the pack charging your device unattended. When your device is fully charged the battery pack will return to sleep.

Hints & Tips

- The pack features a built in battery tester – push the button and a number of blue lights will illuminate to represent the power remaining. One flashing light on its own indicates the pack is empty.
- You can leave the pack permanently connected to your charger or USB socket, so it is always at 100% and ready for use.
- The pack does not need to be fully drained before recharging.
- Some devices allow you to easily remove the internal battery. If you wish to use the battery pack only to power your device and not to recharge the internal battery, remove the internal battery first for significantly longer battery life.
- Some devices will keep the backlight on the screen permanently switched on when charging from the power socket. Disabling this and other similar features will lengthen battery life.
- If you plan to store the pack for a long time without using it, leave the pack approximately 50% charged. The same advice applies to all devices with a built in battery.
- Please check our website for the latest products and user guides.

Safety Notice

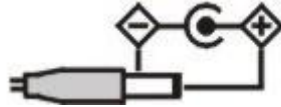
In order to prevent the battery pack from leaking, generating heat, or exploding, please follow these guidelines:

- Do not expose to moisture or immerse in water
- Do not leave the pack near a heat source above 50°C, such as a fire, heater, or direct sunlight
- Do not keep metal objects near the sockets of the pack, this may cause a short circuit
- Do not throw the pack or cause excessive shock
- Do not pierce the casing under any circumstances

Using the pack with other devices

As well as the devices listed on our website, the pack will charge almost all devices which are designed to charge from a PC's USB socket. A minority require the user to install software on the PC before charging, these will not work with our pack. If your pack came with a variety of charging tips, many other devices can also be charged if the following conditions are met:

- The output voltage of the power adaptor for the device is rated at 5V +/- 0.5V
- The power adaptor must have 'centre positive' polarity. Such devices will have a symbol similar to the one below. A centre negative device is not compatible, and will have a symbol with the '-' and '+' swapped.



Further Information

Contact us: Questions2@PortablePowerSupplies.co.uk

Visit us online: www.PortablePowerSupplies.co.uk