



User Information

Congratulations on becoming a Smart Adaptive user.

Here are a few important notes that are intended to help you to enjoy wearing your new limb.

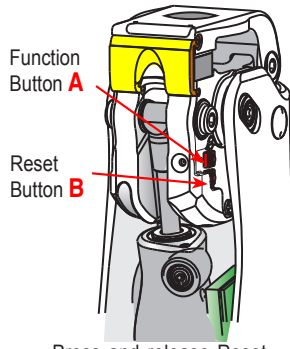
You should be provided with the following items:-

- Non rechargeable battery pack
- Rechargeable battery pack (plus one fitted to the limb)
- Battery charger
- Charger adaptor
- Battery pack removal aid
- Smart card

1 Power options

The Smart Adaptive limb may be powered by a non-rechargeable battery pack (clear plastic covering), which will require replacement when exhausted, these are marked DO NOT RECHARGE (x2 supplied). Do not remove the heatshrink surrounding these batteries, or use them if this protective cover is damaged exposing the cell casings.

Alternatively, two rechargeable battery packs (rubber moulded) are supplied with an appropriate charger and charger adaptor. Both types are specifically designed for use with the Smart Adaptive limb and no other form of battery power may be used. **Always perform a Full Reset after changing the battery pack or fitting a new non-rechargeable pack.** The charger is designed to be plugged into the knee to recharge a battery pack in situ.



Press and release Reset Button **B** and within seconds... press and release Function Button **A**.

Full Reset
fig 1

2 Charging

Read the User Manual supplied with the battery charger before charging for the first time. See notes below and under 'Audible signals' over the page for when charging is required. Upon connection and power up a green LED (see fig 2) shows charging is taking place. The rechargeable battery pack may become warm during charging, this is normal, however it should never become too hot to touch, if this is the case, immediately switch the charger off and contact your provider.

Charging a fully discharged battery pack for 7 hours should give between 3 and 10 days usage and charging for a consecutive overnight period should extend the charging interval to between 5 and 14 days depending upon user activity and limb program configuration.

The limb will beep once when unplugging the charger and when plugging in a battery pack. This is normal and confirms connection/dis-connection.

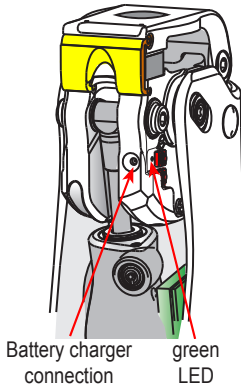


fig 2

3 Audible signals

For a rough guide of energy left in the battery pack fitted to the limb, press and hold the function button (**A**) (fig 1), a series of one, two and three short beeps, then one long beep will be sounded, followed by a fast succession of beeps indicating the battery pack is very healthy, the slower the beeps, the less battery life there is left. A long continuous beep indicates the system has shut down, possibly due to an exhausted battery pack.

Notes on use of battery packs:-

If either type of battery power falls to a low level, a short beep will be emitted from the limb every 15 seconds. The battery power should be resumed at the earliest opportunity, although the limb will continue to function. The beeps may be silenced by pressing and releasing the function button (**A**) or by removing the battery pack. Once the beeps have been silenced no further warnings will be given until a full reset is carried out.

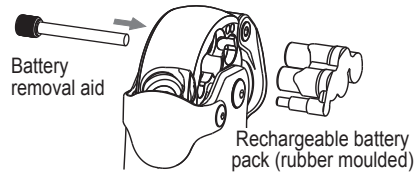


fig 3
showing removal of rechargeable battery pack. Fully flex the knee and using the middle of the three holes in the chassis, ease the battery pack from the knee with the removal aid supplied.

4 Other notes

If a shut down has occurred due to insufficient power in the battery pack, the system will revert to a safe mode. A medium walk setting will have been selected and stance will revert to the support mode setting or a 'normal' setting dependant upon whether support mode was enabled. Note that if support mode was enabled, the knee will feel stiff. This is to offer a degree of support until the power supply is re-established.

As an alternative to charging the battery pack in situ, the charger adaptor may be employed to charge either of the rechargeable battery packs independantly of the limb.

Smart Card

A Smart Card is included in your user pouch. This can be used by the prosthetist to save your personal Smart Adaptive programmed settings using the Communications Device 019173.

Battery Charger electrical supply

The battery charger is designed to be used with a domestic mains supply rated between 100 and 250VAC, 50/60Hz.

- Always use a handrail when descending stairs.
- After continuous use, the top of the cylinder may become hot to touch.
- Avoid strong magnetic fields, sources of electrical interference, atmospheres containing powders and liquids and extremes of temperature.
- Any changes in the performance of the limb should be reported to your practitioner.
- Contact Blatchford for advice if limb is to be fitted to an amputee using a pacemaker, hearing aid or any other electronic device.
- Care should be taken when carrying loads as some of the modes of operation are weight activated.
- Disassembly or repair of the Adaptive Limb must only be carried out by authorised personnel.
- Never fit the Adaptive Limb with the battery charger connected to the knee.
- **The buttons must only be used in the way shown. Use in any other way, may cause a reduction in the stability of the knee.**

ENDOLITE

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