

Technical Solutions

AUSTRALIA PTY. LTD ABN 14 063 349 502
109 FERNDALE ROAD
SILVAN VIC. AUSTRALIA 3795
PHONE (03) 9737 9000 FAX (03) 9737 9111

Instruction Sheet

Scanning Bed Controller

Catalogue Number: SBC (Ver. 09)

Technical Solutions' *Scanning Bed Controller* gives complete control over an electric bed via a single switch or via an infrared controller – such as a PROG.

Setting up

- Remove the original hand control from the electric bed.
- Plug the long cable from the *Scanning Bed Controller* 'Bed' socket into the junction box.
- Plug the short cable from the junction box into the electric bed.
- Plug the hand control into the junction box.



At this stage you should be able to operate the bed using the original hand control.

- Plug the power supply plug pack into a 240Volt power point and switch it on.
- Plug the power supply plug pack into the *Scanning Bed Controller* 'Power' socket.

Single Switch Operation

- Plug the user switch into the "switch input" on the side of the *Scanning Bed Controller*.

Locate the *Scanning Bed Controller* on a bedside table or similar in a position where it can be easily seen from in bed. Using velcro or a similar fastening system can help locate the box.

To use the *Scanning Bed Controller*, a simple logical process is followed:

1. Press the switch to wake up the *Scanning Bed Controller* - a light will step along, "pointing" to the part of the bed to be moved.
2. Press the switch when the light associated with the part of the bed you want to move is lit up. A secondary set of lights will start cycling - these "point" to up or down.
3. Press the switch when the movement you want is lit up. The bed will start moving, and stop when you release the switch.

If you move too far, wait for the light to point to the other direction, and press the switch again.

The *Scanning Bed Controller* will run a couple of passes through the choices after the final switch press, and then automatically shut down. Just press the switch again to wake it up.

The scanning speed can be adjusted by rotating the knob labelled "Scan Speed" on the side of the case.

Infrared Activation – using a PROG – or other Trainable Infrared Remote

Locate the **Scanning Bed Controller** on a bedside table or similar in a position where it can receive the infrared signals from the PROG. Using velcro or a similar fastening system can help locate the box.

The **Scanning Bed Controller** is programmed to respond to the default PROG codes on level 3, keys 1 – 8 (PROG Links 32 – 39)

PROG Level 3	Scanning Bed Controller Action	PROG Link
1	Head UP	32
2	Head Down	33
3	Feet UP	34
4	Feet Down	35
5	Bed UP	36
6	Bed Down	37
7	Bend UP / Massage On	38
8	Bend Down / Massage Off	39

Resetting the Prog to built in codes

If you have previously recorded any infrared codes into Level 3, you will have to restore the built in default codes. This will erase any training you may have done on this level. You may want to use the Prog's "COPY CODES" function to move your trained codes to another level before doing the reset. To reset level 3, first select the level in the normal way. Then press and hold the **program button** and simultaneously **press 3**. Release both buttons. Then press the following keys in order:

Level key, 1,2,3, Level key. All lights will flash in turn, and then the indicator lamp will flash green to show the operation was completed.

To use the **Scanning Bed Controller** with any other type of environment controller or trainable remote, contact Technical Solutions for advice.

Setting Operate Time (Software Ver. 2009 – earlier controllers can be upgraded if required)

Adjust the 'SCAN SPEED' knob to set the amount of time (1 to 8 seconds) that the bed motor will keep running after the infrared signal has stopped. This can be useful for clients who can not hold their switch operated long enough. And also for some ECUs that only send the infrared signal in a single short burst each time the button is selected. Most PROG users should keep this set to the minimum.

Cabling Diagram

