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Before your **boditrax**  arrives.

precision body composition

Installation requirements

Power requirements:

One 240v 13A mains power socket.

Internet requirements:

As boditrax is cloud hosted an internet connection is required and options (in order of preference) are as follows:

- 1) Local Area Network (LAN), plug in cable CAT 5, network permission for direct internet access – see below for required permissions.
- 2) Facility WIFI – business side
- 3) Facility WIFI - public facing
- 4) Cellular dongle – please contact boditrax for sales or minimum specification

boditrax has an extremely light data footprint and usage can be measured in Kb per minute rather than Mb per second.

Our bandwidth is significantly less than 1Mb.

The boditrax monitor will function over all of the above but the more consistent the internet coverage the more efficient the service provided.

Physical requirements:

- 1) Firm level floor
- 2) Minimum 2m² of clear space to allow operation of the monitor and to prevent blocking of gym space and impeding the flow of the facility.
- 3) One chair (to enable users to remove their socks and shoes in comfort)
- 4) Temperature Range: 5°C - 35°C. Where the monitor is subject to a change in temperature of $\geq 20^{\circ}\text{C}$ it should be left to stand for 2 hours before use.

Connectivity requirements:

In order to function efficiently and deliver content boditrax requires access to the internet.

Required URLs

boditrax content is delivered primarily from boditrax servers but additional resources are required depending on specification. In order to function fully, boditrax requires unrestricted access to the following URLs at Network / Server / Firewall / Antivirus Software level as applicable:

- * Boditrax.com
- * Actihealth.net
- *.Actihealth.com
- * .Stepsuccess.com
- * .Webtype.com
- *. Google-analytics.com
- * .Edgecastcdn.net.

Comet/long polling HTTP request

- The boditrax client makes a request every 30 seconds.
- The http connection remains open for 30 seconds waiting for a reply from our servers.

Proxy Servers

- Where a Proxy Server is in operation please contact boditrax with details and these can be added to the K780 configuration.

Access to Ports

- The K780 requires outbound access to ports 80 and 443.

2. Assembly and installation (Done for you)

Your boditrax K780 will be delivered, assembled and installed by a boditrax technician.

Installation will include the fitting of the handgrip holders and handgrips which are removed or stowed within the monitor body to avoid damage during transit (depending on specification chosen) as shown below.



The rear compartment of the K780 is accessed via the back door and keys will be passed to the Facility Manager on installation. In normal operation there is no need to enter the rear compartment as there are no user serviceable components inside and maintenance or repair should be referred to boditrax or approved agent.

The keys should be kept in a secure location as they may be required to facilitate additional diagnostic tests and procedures in the unlikely event of malfunction and will also be required by boditrax engineers carrying out repairs.

If moving the boditrax monitors please note the following:

- Ensure that the full shutdown procedure is followed and that the K780 is disconnected from the power outlet and LAN connection.
- Do not attempt to lift the K780 – use suitable mechanical aids e.g. wheeled trolley.
- Do not use handgrip holders to lift or move K780
- Ensure that all four rubber feet on the underside of the footplate are in contact with the baseplate and that the footplate is stable and secure (See above)
- Where there is a significant temperature differential between the old and new locations allow the K780 a period of 2 hours to acclimatise before carrying out readings.

3. Technical specification

Type:	Boditrax K780
Dimensions:	Width: 600mm / 780mm Inc. Handgrips Height: 1630mm Depth: 750mm Weight: 55kg
Operating Voltage:	240v AC 50Hz
Operating Current:	3A
Operating Temperature:	5 - 35°C
Principle Components:	

Body Composition Module comprising base / footplate and processor.

Operating Voltage: 12V DC supplied by dedicated transformer.

Impedance Measurement

Measurement System: Multi Frequency 8 Electrode

Measurement Frequency: 5 kHz/ 50kHz / 250kHz

Measurement Current: up to 90µA

Accuracy at First Calibration: ± 2%

Weight Measurement

Measurement System: Strain Gauge Load Cell

Maximum Capacity: 270kg

Minimum Graduation: 0.1kg

Accuracy at First Calibration: ± 2%

PC

Operating Voltage: 19V DC supplied by dedicated transformer

Operating System: Microsoft Windows 7

Memory: 4GB RAM

Hard Drive: 64GB SSD

Screen

Type: Capacitive Touch 19" (1280 x 1024)

Operating Voltage: 240V AC 50Hz

4. Regular maintenance

Get ready to maintain your boditrax. The K780 has been designed and built using high quality components to ensure long life and require minimal maintenance. In order to maintain the condition of your K780 please follow the advice below.

AFTER EACH USE:

- The footplate should be wiped with an Antibacterial wipe or Antibacterial spray on a soft cloth. Take care not to allow liquid to enter the monitor.

DAILY:

- Ensure that monitor is located on a stable and level surface
- Ensure that software is functioning normally.

WEEKLY:

- Inspect all cables and connections for wear or damage. Do not use the product if cables exhibit wear or damage. Contact boditrax for service or replacement.
- Inspect Display and sensors for wear or damage. Do not use the product if display or sensors exhibit wear or damage. Contact boditrax for service or replacement.
- Ensure that footplate feet are all in contact with the baseplate and that the footplate is secure.

SOFTWARE UPDATES

- As boditrax is cloud hosted, new features automatically become available to facilities as they are released. Occasionally local updates are required and in this event boditrax will communicate details to facility admins.

CLEANING

- The body and screen can be cleaned with proprietary cleaners taking care not to allow liquid to enter the monitor.
- The footplates should be cleaned with antibacterial cleaner applied to a soft cloth or an antibacterial wipe taking care not to allow liquid to enter the monitor.