

## 1. Introduction

### 1.1 Indications for use

The USB dongle is indicated for use by patients at home and healthcare professionals in a medical office setting to facilitate communication between Medtrum medical devices and a computer using the EasyView Web Portal.

### 1.2 Contraindications

None known.

### 1.3 Warnings

Do NOT allow young children to hold the USB dongle without adult supervision. The USB dongle may pose a choking hazard.

### 1.4 Radio Frequency (RF) Communication

#### FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### Information to user

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

1

interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### \* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

#### IC Caution

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The USB dongle can generate, use, and radiate radio frequency energy, and may cause harmful interference to radio communications. There are no guarantees that interference will not occur in a particular installation. If the USB dongle does cause harmful interference to radio reception, you are encouraged to try to correct the interference by one of the following measures:

- Move or relocate the USB dongle.
- Increase the distance between the USB dongle and the other device that is emitting/receiving interference.

2

Electronic devices that transmit in the same frequency band used by the USB dongle may prevent communication between the USB dongle and a Medtrum medical device. This interference, however, does not cause any incorrect data to be sent and does not cause any harm to device.

### 1.5 Warranty Information

Medtrum Technologies Inc. ("Medtrum") warrants its USB dongle against defects in materials and workmanship for the period of one year from the original date of shipment of the USB dongle to the original end use purchaser (the "Warranty Period"). During the Warranty Period, Medtrum will, at its discretion, either repair or replace (with a new or recertified USB dongle at Medtrum's discretion) any defective USB dongle, subject to the conditions and exclusions stated herein. This Warranty applies only to new devices and, in the event the USB dongle is repaired or replaced, the warranty period shall not be extended.

**The warranty is valid only if the USB dongle is used in accordance with Medtrum's instructions and will not apply:**

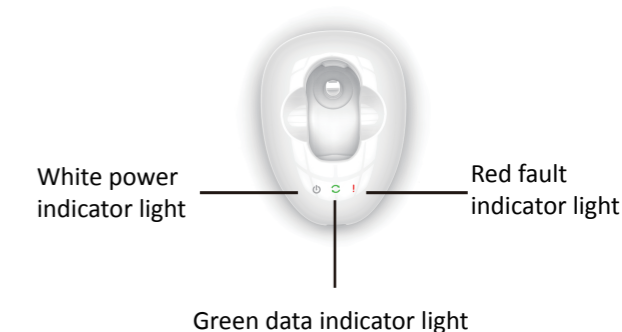
- If damage results from changes or modifications made to the USB dongle by the user or third persons after the date of manufacture;
- If damage results from service or repairs performed to any part of the USB dongle by any person or entity other than Medtrum;
- If a non-Medtrum device is used with the USB dongle;
- If damage results from a Force Majeure or other event beyond the control of Medtrum; or
- If damage results from negligence or improper use, including but not limited to improper storage or physical abuse such as dropping or otherwise.

This warranty shall be personal to the original end use purchaser. Any sale, rental or other transfer or use of the USB dongle covered by this warranty to or by a user other than the original end use purchaser shall cause this warranty to immediately terminate. This warranty only applies to the USB dongle and does not apply to other products or accessories.

3

THE REMEDIES PROVIDED FOR IN THIS WARRANTY ARE THE EXCLUSIVE REMEDIES AVAILABLE FOR ANY WARRANTY CLAIMS. NEITHER MEDTRUM NOR ITS SUPPLIERS OR DISTRIBUTORS SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGE OF ANY NATURE OR KIND CAUSED BY OR ARISING OUT OF A DEFECT IN THE PRODUCT. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE EXCLUDED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

## 2. Uploading data using the USB dongle



Your USB dongle must be properly installed before it can transfer data from a Medtrum Personal Diabetes Manager (PDM) or a transmitter to the EasyView Web Portal.

Connect the USB dongle to the USB port on your computer via a USB cable. The white power indicator light will be turned on once the dongle is properly connected to a computer that is turned on.

- If you want to upload data from a PDM, put it within one meter of the dongle.
- If you want to upload data from a transmitter, snap it into the dongle. If the transmitter is faulty or not compatible with the dongle, the red fault indicator light will be turned on.

4



Log in to your EasyView Web Portal account and start uploading data. During the data uploading process, the green data indicator light on the USB dongle will keep flashing. Once the data uploading is completed, all the three indicator lights (the white power indicator light, the green data indicator light and the red fault indicator light) will flash five times. After that, only the white power light remains on until the USB dongle is disconnected from the computer.

### 3. Manufacturer's Declaration

The USB dongle is intended for use in the electromagnetic environment specified below. The customer or the user of USB dongle should make sure that it is used in such an environment.

#### 3.1 Electromagnetic Emissions

Emissions Test	Compliance
RF emissions EN 60601-1-2:2007+AC:2010, IEC 60601-1-2:2007, CISPR 11:2009+A1:2010, and IEC 60601-1-2:2014	Group 1
RF emissions EN 60601-1-2:2007+AC:2010, IEC 60601-1-2:2007, CISPR 11:2009+A1:2010, and IEC 60601-1-2:2014	Class B

5

#### 3.2 Electromagnetic Immunity

Immunity Test	IEC 60601 Test Level	Compliance Level
Electrostatic discharge (ESD) IEC 61000-4-2	±2.0 kV, ±4.0 kV, ±6.0kV, ±8.0 kV contact discharge ±2.0 kV, ±4.0 kV, ±8.0 kV, ±15.0 kV air discharge	±2.0 kV, ±4.0 kV, ±6.0 kV, ±8.0 kV contact (56% RH) ±2.0 kV, ±4.0 kV, ±8.0 kV, ±15.0 kV air (56% RH)
RF electromagnetic field immunity test IEC 61000-4-3	10 V/m	10 V/m
Power frequency magnetic fields IEC 61000-4-8	30 A/m	30 A/m

#### Warning:

- The USB dongle should be avoided to use in the environments near high voltage, high-intensity magnetic field, where the intensity of EM DISTURBANCES is high.
- Portable RF Communications equipment should be used no closer than 30 cm (12 inches) to any part of the Medtrum products. Otherwise, degradation of the performance of this equipment could result.
- Use of this equipment adjacent to or stacked with other equipment should be avoided, because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

### 4. Appendix I: Symbols and Icons

#### 4.1 Product Label Symbols

6

Symbol	Meaning	Symbol	Meaning
	Lot number		Do NOT use if package is damaged
	Reference number		Manufacturer
	Use by: (yyyy-mm-dd)		Follow instructions for use
	Caution: See Instructions for use		Radio communication
	Storage temperature	<b>SN</b>	Device serial number
<b>CE</b>	CE mark		Waste Electrical and Electronic Equipment
	Authorized representative in the European Community	<b>IC</b>	Signifies compliance with Industry Canada EMC and Radio communications requirements

### 5. Appendix II: Technical Information

#### 5.1 USB dongle Specifications

Model: MD-LQ-002  
 Size: 70mm x 52mm x 23.3mm  
 Weight: 23 g  
 Operating Temperature Range: +5°C ~+40°C  
 Operating Relative Humidity Range: 20%~90%RH  
 Operating Atmospheric Pressure: 700~1060 hPa  
 Storage Temperature Range: -10°C~+55°C  
 Storage Relative Humidity Range: 20%~90%RH  
 Storage Atmospheric Pressure: 700~1060 hPa  
 Battery: 5V/1A  
 Limited Warranty: 1 year

7



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**CE 0197** This product complies with Directive 93/42/EEC (MDD) and Directive 1995/5/EC (R&TTE).

CAN ICES-3 (B)/NMB-3(B)

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