



# REMOTE TRANSMITTER

The MiniMed Model 503 Remote Transmitter is an accessory item for your MiniMed Paradigm Insulin Pump that allows you to program a bolus or suspend and resume your pump without pressing any of the pump's buttons!

The remote transmitter sends signals to a receiver in your pump. This is designed to add more freedom and flexibility to your daily activities. Of course, you can still program your pump by using the five buttons on the pump keypad.

To use the remote transmitter, this feature must be turned ON, and the Easy Bolus feature must be ON. You will need to program a radio frequency code (RF ID) into your pump to link your pump with your remote transmitter.



 **NEED TO KNOW**

**The RF options feature is not essential for pump users.** You may want to explore this option after you have been completely familiar with the basic functions of your pump. It is important that you consult with your health-care professional before using this feature.

 **NEED TO KNOW**

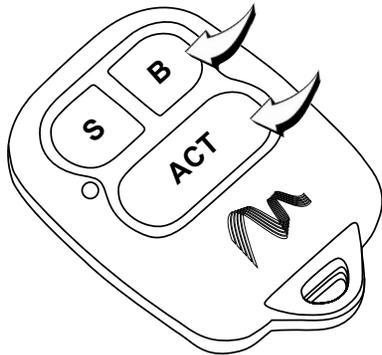
**The remote transmitter may not be used aboard an aircraft.** Operate your pump using its integral display and keyboard while the aircraft's doors are closed.

## USING THE REMOTE TRANSMITTER TO DELIVER A BOLUS

**WHY:** Allows you to deliver an Easy Bolus using the remote transmitter

**How:**

1. Turn ON Easy Bolus.
2. Press and hold **ACT** on the remote transmitter for at least three seconds to 'wake up' the pump. When the pump is awake, it will beep or vibrate. You will now be able to program an easy bolus.
3. Press the **B** button as many times as you want to select the bolus amount. Each press will result in a beep or a vibration. The beeps will change in pitch to assist your counting.



Review Easy Bolus in manual for more info on this feature

4. Press **ACT**. The pump will beep or vibrate back the amount you just selected. Count the beeps/vibrations. If this amount is correct, press **ACT** to deliver.

If the amount is incorrect, let the pump "time out". (Do not press any buttons for 30 seconds.) To restart programming, you will need to wake up the pump again.

### **NEED TO KNOW**

The remote transmitter is designed to operate within approximately 2 feet of your pump.

### **NEED TO KNOW**

When the remote transmitter is in "sleep mode", the green LED light will be off.

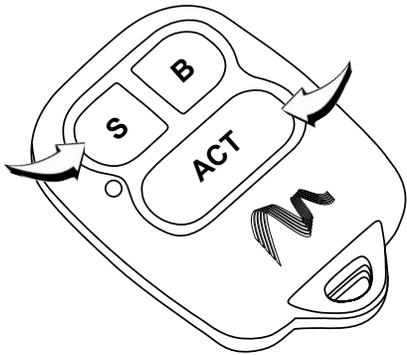
After you have awakened your pump by pressing and holding the **ACT** button, the green LED light will glow and flash rapidly.

When the battery is low, the LED will blink in a series of three quick flashes until the battery is replaced. When this happens, replace the battery in the remote transmitter as soon as possible.

If the LED blinks in a series of more than three quick flashes, call MiniMed.

## USING THE REMOTE TRANSMITTER TO SUSPEND/RESTART THE PUMP

1. Press and hold **ACT** on the remote transmitter for at least three seconds to ‘wake up’ the pump. When the pump is awake, it will beep or vibrate.



press **ACT**. The pump will beep/vibrate once and then will resume basal delivery.

2. To suspend pump delivery, press the **S** button, then press **ACT**. Three audible beeps/vibrations will confirm that the pump is in suspend mode.
3. To resume basal delivery, press and hold **ACT** on the remote transmitter for three seconds. This will “wake-up” the pump. Next, press the **S** button, then

### NEED TO KNOW

Your pump “looks” for a signal from the remote transmitter every two to three seconds. This is why you need to press and hold the **ACT** button on the remote transmitter before you can program.

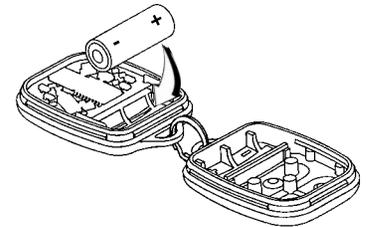
Continuing to hold the **ACT** button after the pump wakes up may result in the pump returning to sleep mode.

If the wrong button is pressed, simply wait 30 seconds for the command to time out.

## REMOTE TRANSMITTER CARE AND MAINTENANCE

### INSTALLING A NEW BATTERY

1. Place the remote face down on a secure, flat surface.
2. Unsnap the rear panel by twisting a coin or screwdriver between the plastic key ring loops. Remove the used battery and discard properly.
3. Insert a new A23 battery according to the diagram on the remote transmitter case. When inserting the new battery, do not touch any of the exposed electronics.
4. Replace the rear panel and snap the panels together to assemble the remote transmitter.



Your remote transmitter should be able to transmit to the pump as soon as the battery is inserted.

If this does not happen:

- a. Check to see if the battery is inserted properly.
- b. If the battery is inserted properly and the remote transmitter green LED light does not flash, install a new battery.

If the remote transmitter does not “wake up” the pump:

- c. Make sure the easy bolus and the remote transmitter on the pump are turned ON.
- d. Make sure the RF ID is correctly entered.
- e. If this does not correct the problem, call MiniMed.

### **NEED TO KNOW**

The battery in the remote transmitter usually needs to be changed every two months, depending on how often you use the remote.

### **IF THE REMOTE TRANSMITTER IS DROPPED**

1. Check that the remote transmitter panels (front and rear) are still attached.
2. Press and hold the ACT button on the remote transmitter to check communication with the pump.

### **IF THE REMOTE TRANSMITTER IS SUBMERGED**

1. Pat the outside of the panels until dry.
2. Following the battery installation procedure on page 9, unsnap the rear panel, and allow the two sections to dry out. Do not use hot air to dry your remote transmitter as this may damage internal electronics.
3. If you need assistance, call MiniMed.

### **EXPOSURE TO EXTREME TEMPERATURES**

1. Avoid operating your remote transmitter in temperatures above 113 °F (45°C) or below 33°F (0.5°C).
2. Do not steam sterilize or autoclave your remote transmitter.

### **CLEANING THE REMOTE TRANSMITTER**

1. Use a damp cloth and mild soap to clean the outside of your remote transmitter.
2. Never use organic solvents, such as nail polish remover or paint thinner to clean your remote transmitter.

## FCC NOTICE FOR THE REMOTE TRANSMITTER

This device complies with the United States Federal Communications Commission and international standards for Electromagnetic Compatibility regarding its use.

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 undesirable operation.

These standards are designed to provide reasonable protection against excessive radio frequency interference and prevent undesirable operation of the device from unwanted electromagnetic interference. Operation is subject to the following two conditions:

This device has been tested and found to comply with the regulations governing such devices in your area. For the specific regulation and test results for you area, please contact your local MiniMed representative.

This device generates, uses, and can radiate radio frequency energy and, if installed and used in accordance with the instruction, may cause harmful interference to radio communications. If the device does cause interference to radio or television reception, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the remote transmitter
- Increase the separation between the remote transmitter and the device that is receiving/emitting interference
- If you have questions, please contact MiniMed.

**Caution:** Any changes or modifications to the devices not expressly approved by MiniMed could void your ability to operate the equipment.

<u>Country</u>	<u>Current Standard</u>
Austria	EN 300-220-1 (1997-11)
Belgium	EN 300-220-1 (1997-11)
Denmark	EN-300-220-1 (1997-11)
Finland	EN-300-220-1 (1997-11)
France	EN-300-220-1 (1997-11)
Germany	ETS 300-683 6/97
Ireland	EN-300-220-1 (1997-11)
Italy	EN-300-220-1 (1997-11)
Spain	EN-300-220-1 (1997-11)
Netherlands	EN-300-220-1 (1997-11)
Sweden	EN-300-220-1 (1997-11)
United Kingdom	EN-300-220-1 (1997-11)
Portugal	EN-300-220-1 (1997-11)
Greece	EN-300-220-1 (1997-11)
Norway	EN-300-220-1 (1997-11)
Switzerland	EN-300-220-1 (1997-11)
Mexico	EE-116-091-99
Poland	EN-300-220-1 (1997-11)

## INDICATIONS

The MiniMed Model 503 Remote Transmitter is intended for use with the MiniMed Paradigm Insulin Pump Model 511.

## WARNINGS

The MiniMed Model 503 Remote Transmitter is powered by a single A23 battery cell. To help ensure proper operation, change battery when the LED emits three quick flashes without pressing a key or fails to flash when a key is pressed.

Please Read the Instructions for Use:	
Manufacture Date: (year - month)	 2000-06
Reference/Model Number:	example: REF MMT-115
Device Serial Number:	S N
Storage Temperature Range:	-20C  +55C
Fragile Product:	
Protection Against Moisture:	
Watertight:	IPX7



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