

Welcome to the MiniMed User's Guide for the model 500 Remote Programmer for the model 508 insulin pump!

The Model 500 Remote Programmer is an accessory item for the model 508 insulin pump that allows you to program a bolus or suspend and restart your pump remotely! The Remote Programmer contains a transmitter that sends signals to a receiver in your 508 pump. This is designed to add more freedom and flexibility to your daily activities!

This user's guide is designed with visual and printed information to help you learn to use your programmer. However, working with your health professional will speed your familiarity of this tool.

NEED TO KNOW

The Remote Programmer is a very simple and easy to use device.

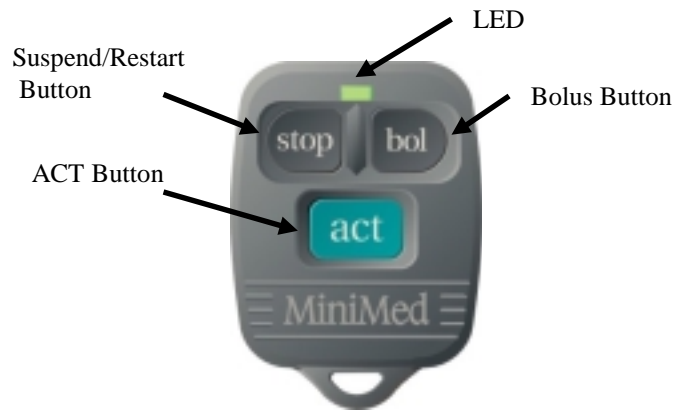
- Three buttons control all the programming:
 - **'STOP'**: Suspends or restarts your pump
 - **'BOL'**: Allows you to set an audio bolus
 - **'ACT'**: activates your programming choices.

- The remote programmer runs on a single A23 battery. The programmer will go into 'sleep mode' when it is not being used to help preserve battery life.

About the LED

- When the remote programmer is in "sleep mode", green LED will be off.
- When the remote programmer is awake, the LED will glow and flash very fast.
- When the battery is low, the LED will blink in a series of 3 quick flashes until the battery is replaced.

USING THE 'REMOTE' PROGRAMMER:



Purpose: Allows the user, by way of 'radio frequency', to suspend, restart and program a normal audio bolus of insulin without using the buttons on the 508 insulin pump.

Process: To use the Remote Programmer, you must turn this feature ON on your 508 pump.

1. From the **TIME OF DAY** screen press **SEL** until you see **Set Up II** then press **ACT**. Continue to press **SEL** until you reach '**Set RF Device**' screen then press **ACT**.
2. The word **OFF** will blink. Press the **UP** arrow until the word **ON** appears and press **ACT**.
3. The word **ID** will be displayed on the screen. Use the arrows to record the first six digits on the remote programmer as the **ID** number. Press **ACT** after each number to confirm and move to the next digit. Press **ACT** after the last number is entered to confirm. Your pump and remote programmer are now linked.

- You can have a maximum of three active remote programmers. You may program them following the same steps.
 - 4. You have the ability to add the ID numbers for up to three remote programmers. To add, delete or review remote programmer ID numbers, select this option at step three above.
- The pump screen will return to the **TIME OF DAY** screen.

- The remote programmer will work at a distance up to 18 inches.

Using the Remote Programmer to Deliver a Bolus:

Purpose: Allows you to deliver an audio bolus using the remote programmer.

Process:

- The **Audio Bolus** feature must be **ON** to set a bolus using the remote programmer.

1. Press the **ACT** button on the remote programmer for five seconds to ‘wake-up’ the pump. When a link has occurred the pump will beep and/or vibrate for two seconds. You will now be able to program a normal, audio bolus.
2. Press the **BOL** button as many times as you need to choose the bolus amount. For example, five units would be five presses of the **BOL** button. Each press will result in a signal of a beep, vibration or both.
3. Press **ACT** to confirm the amount and then again to activate the bolus.

If you make a mistake or decide not to use the remote programmer, simply let the pump time out.

Using the Remote Programmer to Suspend/Restart the Pump:

1. Press and hold the **ACT** button on the remote programmer for five seconds to ‘wake-up’ the pump. When a link has occurred the pump will beep and/or vibrate for two seconds.
2. **To Suspend:** Press the **STOP** button once then press the **ACT** button. You will hear three audible beeps, vibrations or both confirming that the pump is in the ‘suspend mode.
3. **To Restart:** Press the **STOP** button and then press **ACT**. The pump will beep and or vibrate once and then resume normal operations.

Device Care and Maintenance

INSTALLATION OF THE BATTERY

1. Place the remote programmer face down on a secure, flat surface.
2. Using a standard Phillips screwdriver, unscrew the rear panel. Remove the used battery and discard properly.
3. Insert new battery according to diagram on remote programmer case.
4. Replace rear panel and screw to connect remote programmer components.

Your remote programmer should start 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 it still does not turn on, try a new battery.
- C. If the remote programmer still does not turn on, call the MiniMed 24-hour Clinical Services Help Line for assistance at 1-800-826-2099.

If Your Remote Programmer is Dropped:

1. Check that the remote programmer panels (front and rear) are still attached.
2. Press the **ACT** button to check operation.

If Your Remote Programmer Becomes Submerged in Water:

1. Pat the outside of the case until dry.
2. Following the battery installation procedure above, unscrew the rear panel and dry out the two sections.
3. Do not use **HOT AIR** to dry your remote programmer as this may damage internal electronics.
4. If you need assistance, call the MiniMed 24-hour Clinical Services Help Line at 1-800-826-2099.

Exposure to Extreme Temperatures:

1. Avoid exposure of your MiniMed remote programmer to temperatures above 113 °F (45 °C) or below 33°F (0.5 °C)
2. Do not steam sterilize or autoclave your MiniMed remote programmer.

Cleaning your Remote Programmer:

1. Use a damp (*not wet*) cloth and mild soap to clean the outside of your MiniMed remote programmer.
2. Never use organic solvents, such as lighter fluid, nail polish remover or paint thinner to clean your remote programmer. Each time you change your battery, clean the compartment to remove any debris or lint that may have accumulated in this area.

X-Rays, MRIs and CT Scans:

1. If you are going to have an X-ray, CT scan, MRI or any other type of radiation therapy, TAKE YOUR PUMP AND REMOTE PROGRAMMER OFF.

FCC Notice

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.

This device 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 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. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful 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 programmer
- Increase the separation between the remote programmer and the device that is receiving interference
- Consult MiniMed's 24-hour Clinical Services Help Line at 1-800-826-2099 if you have any questions.

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

Indications

The MiniMed Model 500 Remote Programmer is intended for use with the Model 508 Insulin Infusion Pump.

Contraindications

Pump therapy is not recommended for people who are unwilling or unable to perform at least four blood glucose tests per day.

Warnings

The Model 500 Remote Programmer is powered by a single A23 battery cell. To help ensure proper operation, please change battery accordingly when signaled.