Quick Reference Guide
for Your New Insulin Pump

Introducing the MiniMed Paradigm® REAL-Time Revel™ Insulin Pump

Congratulations on the purchase of your new Paradigm Revel insulin pump! This guide will review the new features and provide the tools you need to transfer your current pump settings to your new insulin pump.

Let’s get started!

Step 1: Copy your current settings to the Insulin Pump Settings Guide (found at the back of this guide).

Step 2: Insert a AAA battery into your new pump. We recommend using an Energizer® battery. Be sure not to use a rechargeable or lithium battery.

Step 3: Set the Time and Date.

Step 4: Program the settings you have recorded on the Insulin Pump Settings Guide into your new pump.

Online Learning Resources

Medtronic has a rich library of online training classes available through myLearning. For a complete walk through on the updates and features of the Revel insulin pump, take the "Training for the Experienced Pump Wearer" class. Additional classes on advanced features, CareLink, and Continuous Glucose Monitoring are also available. Check back often, as new classes are frequently added. As you start your new pump, we encourage you to take the opportunity to learn more about managing your diabetes with pump therapy.

To browse the class catalog for a full list of offerings, login to myLearning at www.medtronicdiabetes.com/learning and click on "Browse Class Catalog" at the top of the screen.
What’s New and Different?

Bolus

- **Alert Directed Navigation:** Takes you to the appropriate menus following an alert (for example: high blood glucose (BG) reading takes you to the Bolus Wizard® feature if a correction is needed).
- **Missed Meal Bolus Reminder:** Notifies you if a bolus has not been delivered within a set time. Ideal for those who often forget to bolus for meals.
- **Scroll Rate:** Allows bolus to be programmed in increments of 0.025, 0.05, or 0.1. Designed for insulin sensitive patients who need to deliver tiny precise bolus amounts.
- **Active Insulin:** Now displayed on the Status, Set Bolus and Estimate Details screens, and displays even when the Bolus Wizard is off.
- **Carb Ratio:** Expanded range of 1-200 grams/unit of insulin. Ratios less than 1:10 can be set in tenths of a gram (for example 1.5 grams/unit), beneficial for those who are insulin sensitive.

Basal

- **Basal Insulin:** Programs insulin in increments as low as 0.025 units for those that require less insulin throughout the day.

Reservoir + Set Menu (previously called Prime)

- “Fixed Prime” is now called “Fill Cannula”.
- “Rewind” is now called “Reservoir Setup”.
- “Prime History” is now called “History”.
- New prompts added (e.g. “Are you disconnected?” / “Do you see drops at end of tubing?”).

Utilities

- **Connect Devices:** Places all linked devices under one menu (meters and remotes).
- **Capture Option:** When turned on, you can mark an event (BG, insulin, meal, exercise) to display on CareLink® Therapy Management Software to help you better understand your glucose control.

Continuous Glucose Monitoring (CGM): Enhanced Features for Experienced Users

- **Calibration:** Option to use BG from linked meter as calibration.
- **Graphs:** There are now more available with 3, 6, 12 and 24 hour graphs.
- **Low and High Alerts:** Set up to 8 different low and high glucose limits to allow for varying needs throughout the day.
- **Predictive Alerts:** Warns you up to 30 minutes before you reach your low or high glucose limits.
- **Rate of Change Alerts:** Alerts you when your glucose levels are changing rapidly.
- **AUC (Area Under Curve):** Provides a measure of glucose over or under the set limits and offers additional information for your physician to analyze.
- **Alert Silence:** Silences selected glucose alerts for a preset amount of time.

**IMPORTANT** Please consult with your physician before using new features.
**CAPTURE EVENT** MENU
- ENTER BG
- INSULIN MARKER
- MEAL MARKER
- EXERCISE MARKER
- OTHER
- HISTORY
- BG UNITS
- CARB UNITS

**BASAL MENU**
- SET/EDIT TEMP BASAL
  - Set Duration
- CANCEL TEMP BASAL
- SELECT PATTERNS
- BASAL REVIEW
- BASAL SETUP
  - Set/Edit Basal
  - Set Basal Rate 1
  - Max Basal Rate
  - Patterns
  - Off
  - On
  - Temp Basal Type
  - Insulin Rate
  - Percent of Basal

**RESERVOIR + SET MENU**
- RESERVOIR SETUP
- FILL TUBING
- FILL CANNULA
- HISTORY

**UTILITIES MENU**
- LOCK KEYPAD
- ALARM
  - Alarm History
  - Alert Type
  - Auto-Off
  - Low Resv Warning
    - Insulin Units
    - Time
- DAILY TOTALS
- TIME / DATE
  - 12 Hour Setup
  - 24 Hour Setup
- ALARM CLOCK
  - Off
  - On / Set
- CONNECT DEVICES
  - Meters
  - Remotes
  - Other Devices
- BLOCK
  - Off
  - On
- SELFTEST
- USER SETTINGS
  - Save Settings
  - Restore Settings
  - Clear Settings
  - History
- CAPTURE OPTION
  - Off
  - On
- LANGUAGE

**Pump Status Screen**
- Status Screens
  - Press the button to go to the **SENSOR STATUS** screen.

**Sensor Status Screen**
- **STATUS U100**
  - Last Alarm:
    - 24APR 11:30 LoBat
  - Active ins: 1.050U
  - Last Bolus N 3.800U
  - 9:07 24 MAR
  - Basal 1: 0.15U/H
  - Reservoir Started:
    - 23APR, 12:44
  - Units left: 144.0U
  - Time left: > 24 hours
  - BG Reminder in 2:04h
  - Meter: On
  - Battery: Normal
  - Auto Off - 12HR
  - Fri 25 APR 2008
  - S/N# 123456
  - Paradigm 523
  - VER X.XX X.X

- **SENSOR STATUS**
  - Next Cal: 08:30
  - Sensor Age: 2d 3h
  - Sensor Isig: 25.97
  - Transmtr Batt: Good
  - Transmtr Ver: 1.1
  - Transmtr ID: 2111111
  - Pump S/N#: 123456

* Displays if Capture Option is turned on in Utilities Menu.
? Displays only after setting Temp Basal.
* Displays only when the Patterns feature is on.
* Displays only after a rewind.

**CAPTURE EVENT** MENU
- Enter BG
- Insulin Marker
- Meal Marker
- Exercise Marker
- Other
- History
- BG Units
- Carbohydrate Units

**BASAL MENU**
- Set/Edit Temp Basal
  - Set Duration
- Cancel Temp Basal
- Select Patterns
- Basal Review
- Basal Setup
  - Set/Edit Basal
  - Set Basal Rate 1
  - Max Basal Rate
  - Patterns
  - Off
  - On
  - Temp Basal Type
  - Insulin Rate
  - Percent of Basal

**RESERVOIR + SET MENU**
- Reservoir Setup
- Fill Tubing
- Fill Cannula
- History

**UTILITIES MENU**
- Lock Keypad
- Alarm
  - Alarm History
  - Alert Type
  - Auto-Off
  - Low Resv Warning
    - Insulin Units
    - Time
- Daily Totals
- Time / Date
  - 12 Hour Setup
  - 24 Hour Setup
- Alarm Clock
  - Off
  - On / Set
- Connect Devices
  - Meters
  - Remotes
  - Other Devices
- Block
  - Off
  - On
- Selftest
- User Settings
  - Save Settings
  - Restore Settings
  - Clear Settings
  - History
- Capture Option
  - Off
  - On
- Language

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* Displays only when you hold and press .
? Displays only after the patient settings have been saved.
Use this sheet to record your current settings to transfer them to your new Revel insulin pump.

### Basal Settings

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX BASAL RATE:</td>
<td>__________ u/h</td>
</tr>
<tr>
<td>STANDARD BASAL RATES:</td>
<td>1: 12:00A __________ u/h</td>
</tr>
<tr>
<td></td>
<td>2: __________ __________ u/h</td>
</tr>
<tr>
<td></td>
<td>3: __________ __________ u/h</td>
</tr>
<tr>
<td></td>
<td>4: __________ __________ u/h</td>
</tr>
<tr>
<td></td>
<td>5: __________ __________ u/h</td>
</tr>
<tr>
<td></td>
<td>6: __________ __________ u/h</td>
</tr>
<tr>
<td>TEMP BASAL TYPE:</td>
<td>U/H □Percent of Basal</td>
</tr>
</tbody>
</table>

### Basal Patterns

<table>
<thead>
<tr>
<th>Pattern</th>
<th>1: 12:00AM</th>
<th>2:</th>
<th>3:</th>
<th>4:</th>
<th>5:</th>
<th>6:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>__________ u/h</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>__________ u/h</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Bolus Settings

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX BOLUS:</td>
<td>__________ units</td>
</tr>
<tr>
<td>EASY BOLUS:</td>
<td>□On □Off __________ units</td>
</tr>
<tr>
<td>DUAL/SQUARE OPTION:</td>
<td>□On □Off</td>
</tr>
<tr>
<td>BG REMINDER:</td>
<td>□On □Off</td>
</tr>
</tbody>
</table>

### Bolus Wizard Settings

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>WIZARD:</td>
<td>□On □Off*</td>
</tr>
<tr>
<td>CARB UNITS:</td>
<td>□Grams □Exch</td>
</tr>
<tr>
<td>CARB RATIOS:</td>
<td>1: 12:00AM __________ grams/U</td>
</tr>
<tr>
<td></td>
<td>2: __________ __________ grams/U</td>
</tr>
<tr>
<td></td>
<td>3: __________ __________ grams/U</td>
</tr>
<tr>
<td></td>
<td>4: __________ __________ grams/U</td>
</tr>
<tr>
<td></td>
<td>5: __________ __________ grams/U</td>
</tr>
<tr>
<td></td>
<td>6: __________ __________ grams/U</td>
</tr>
<tr>
<td>BG UNITS:</td>
<td>□mg/dL □mmol/L</td>
</tr>
</tbody>
</table>

### Insulin Sensitivity

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: 12:00AM</td>
<td>__________ mg/dL/U</td>
</tr>
<tr>
<td>2: __________ __________ mg/dL/U</td>
<td></td>
</tr>
<tr>
<td>3: __________ __________ mg/dL/U</td>
<td></td>
</tr>
<tr>
<td>4: __________ __________ mg/dL/U</td>
<td></td>
</tr>
</tbody>
</table>

### BG Targets/Target Ranges

<table>
<thead>
<tr>
<th>Range</th>
<th>1: 12:00AM</th>
<th>2:</th>
<th>3:</th>
<th>4:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: 12:00AM</td>
<td>__________ - __________ mg/dL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:</td>
<td>__________ - __________ mg/dL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:</td>
<td>__________ - __________ mg/dL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:</td>
<td>__________ - __________ mg/dL</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Active Insulin Time

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE INSULIN TIME:</td>
<td>__________ Hrs</td>
</tr>
</tbody>
</table>

### Sensor Settings

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>SENSORS:</td>
<td>□On □Off</td>
</tr>
<tr>
<td>HIGH GLUCOSE:</td>
<td>□On □Off</td>
</tr>
<tr>
<td>SET HIGH GLUCOSE:</td>
<td>__________</td>
</tr>
<tr>
<td>HIGH SNOOZE*:</td>
<td>__________</td>
</tr>
<tr>
<td>LOW GLUCOSE:</td>
<td>□On □Off</td>
</tr>
<tr>
<td>SET LOW GLUCOSE:</td>
<td>__________</td>
</tr>
<tr>
<td>LOW SNOOZE*:</td>
<td>__________</td>
</tr>
</tbody>
</table>

### Alarm Snooze

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALARM SNOOZE‡:</td>
<td>__________</td>
</tr>
<tr>
<td>CAL REMINDER:</td>
<td>__________</td>
</tr>
<tr>
<td>BG UNITS:</td>
<td>□mg/dL □mmol/L</td>
</tr>
<tr>
<td>TRANSMITTER ID:</td>
<td>__________</td>
</tr>
<tr>
<td>MISSED DATA‡:</td>
<td>__________</td>
</tr>
</tbody>
</table>

### Remotes

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMOTE OPTIONS:</td>
<td>□On □Off</td>
</tr>
<tr>
<td>METER OPTIONS:</td>
<td>□On □Off</td>
</tr>
</tbody>
</table>

### Miscellaneous

- *In Revel you must enter active insulin even when the Bolus Wizard is "Off."
- HIGH SNOOZE IS NOW HI REPEAT
- LOW SNOOZE IS NOW LO REPEAT
- ALARM SNOOZE IS NOW CAL REPEAT
- MISSED DATA IS NOW WEAK SIGNAL

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For the following insulin pump models:
Paradigm® 515, 715, 522 & 722

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