Medtronic

Instructions for the Experienced Pump Wearer

MiniMed Paradigm® REAL-Time Revel™ System

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 rechargable 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 *my*Learning.   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 *my*Learning 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)

- Contains new menu options and step-by-step instructions for changing the infusion set.
- "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.
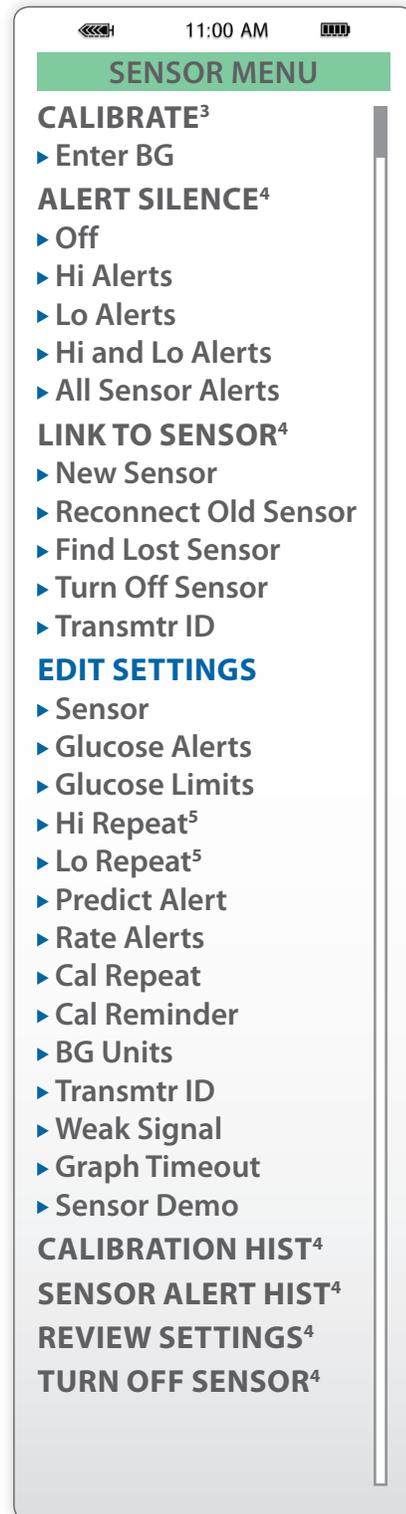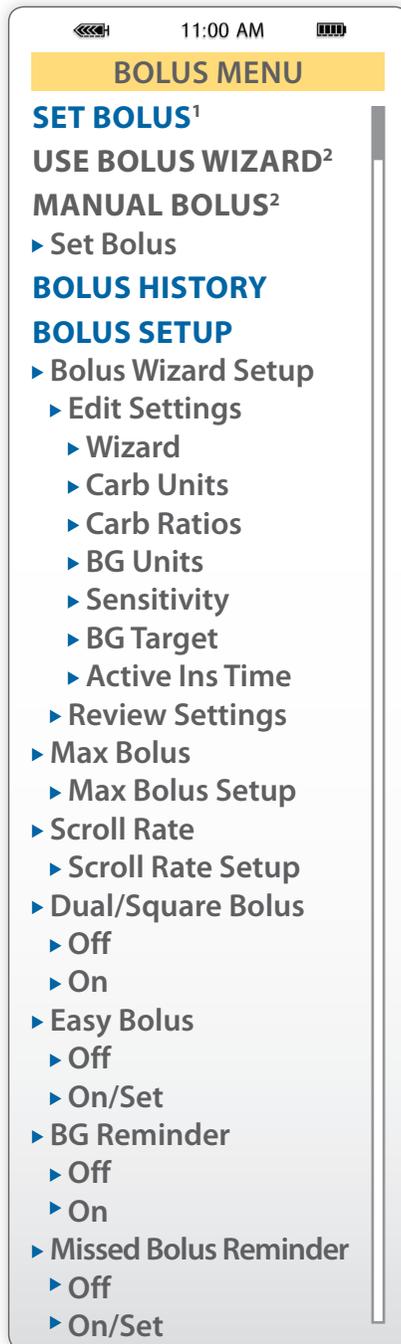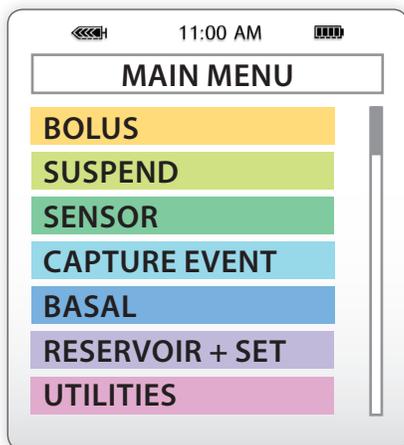
Continuous Glucose Monitoring (CGM): Enhanced Features for Experienced Users

- **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.

Paradigm Revel Menu Map

MAIN MENU
`11:00 AM`

- **BOLUS**
- **SUSPEND**
- **SENSOR**
- **CAPTURE EVENT**
- **BASAL**
- **RESERVOIR + SET**
- **UTILITIES**

NOTE All screens are samples only. Actual screens depend on the current active functions. Blue Arrows (▶) indicate submenus.

BOLUS MENU
`11:00 AM`

SET BOLUS[1]
USE BOLUS WIZARD[2]
MANUAL BOLUS[2]
- ▶ Set Bolus

BOLUS HISTORY
BOLUS SETUP
- ▶ Bolus Wizard Setup
  - ▶ Edit Settings
    - ▶ Wizard
    - ▶ Carb Units
    - ▶ Carb Ratios
    - ▶ BG Units
    - ▶ Sensitivity
    - ▶ BG Target
    - ▶ Active Ins Time
  - ▶ Review Settings
- ▶ Max Bolus
  - ▶ Max Bolus Setup
- ▶ Scroll Rate
  - ▶ Scroll Rate Setup
- ▶ Dual/Square Bolus
  - ▶ Off
  - ▶ On
- ▶ Easy Bolus
  - ▶ Off
  - ▶ On/Set
- ▶ BG Reminder
  - ▶ Off
  - ▶ On
- ▶ Missed Bolus Reminder
  - ▶ Off
  - ▶ On/Set

SUSPEND MENU
`11:00 AM`

PRESS (ACT) TO STOP

SENSOR MENU
`11:00 AM`

CALIBRATE[3]
- ▶ Enter BG

ALERT SILENCE[4]
- ▶ Off
- ▶ Hi Alerts
- ▶ Lo Alerts
- ▶ Hi and Lo Alerts
- ▶ All Sensor Alerts

LINK TO SENSOR[4]
- ▶ New Sensor
- ▶ Reconnect Old Sensor
- ▶ Find Lost Sensor
- ▶ Turn Off Sensor
- ▶ Transmtr ID

EDIT SETTINGS
- ▶ Sensor
- ▶ Glucose Alerts
- ▶ Glucose Limits
- ▶ Hi Repeat[5]
- ▶ Lo Repeat[5]
- ▶ Predict Alert
- ▶ Rate Alerts
- ▶ Cal Repeat
- ▶ Cal Reminder
- ▶ BG Units
- ▶ Transmtr ID
- ▶ Weak Signal
- ▶ Graph Timeout
- ▶ Sensor Demo

CALIBRATION HIST[4]
SENSOR ALERT HIST[4]
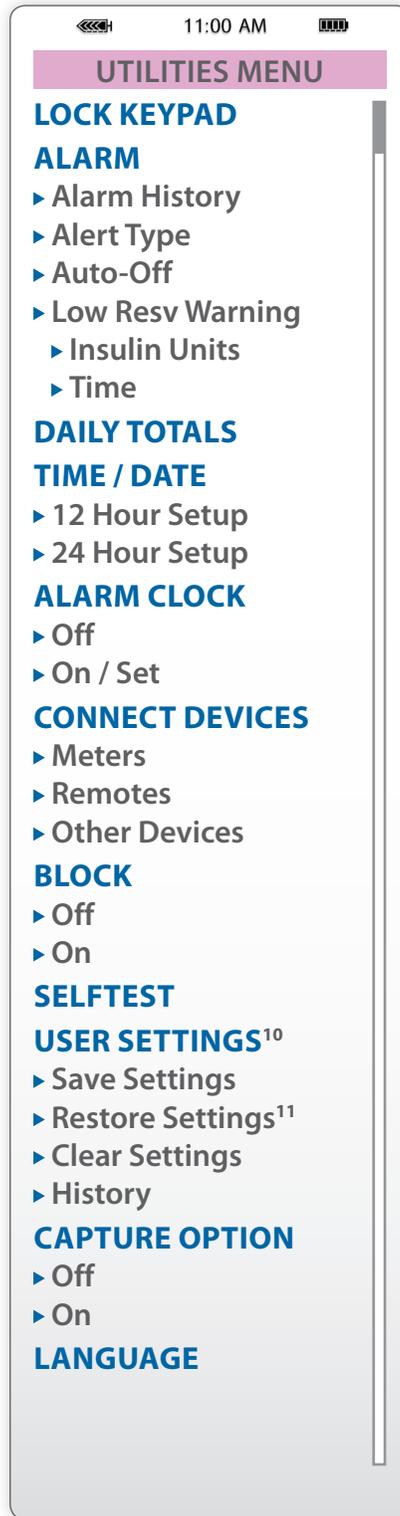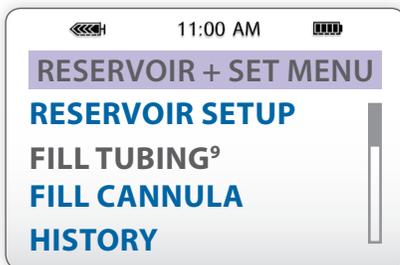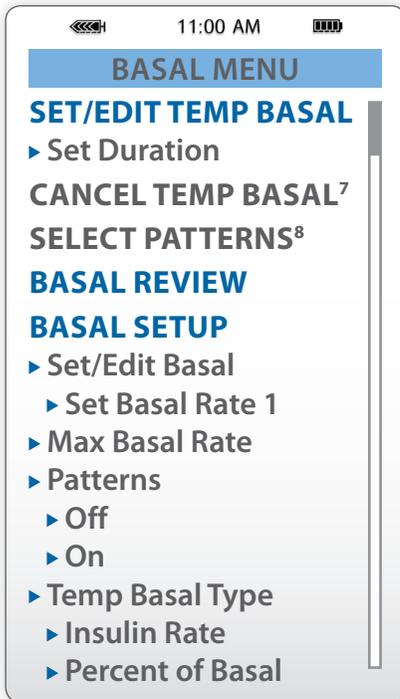**REVIEW SETTINGS[4]**
TURN OFF SENSOR[4]

[1] Displays only when the Bolus Wizard® feature is off.
[2] Displays only when the Bolus Wizard® feature is on.
[3] Displays only when the sensor is communicating with the pump.
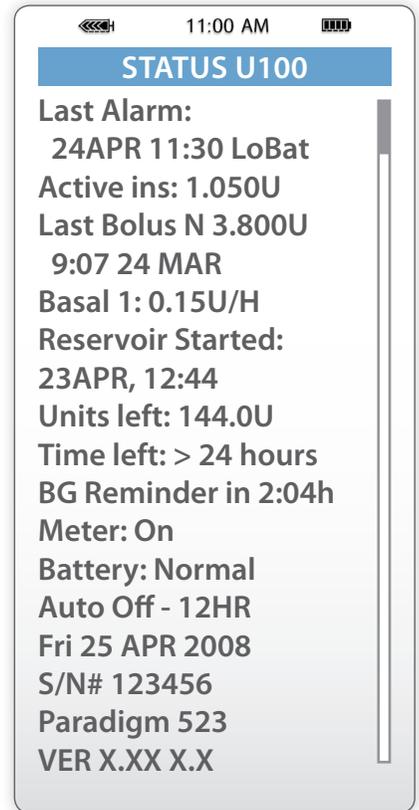[4] Displays if Sensor is on.
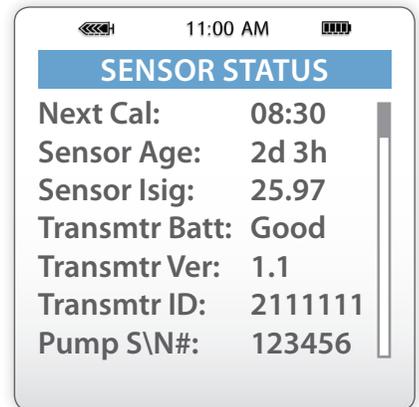[5] Displays if Glucose Alerts feature is on.

CAPTURE EVENT[6] MENU

11:00 AM

ENTER BG
INSULIN MARKER
MEAL MARKER
EXERCISE MARKER
OTHER
HISTORY
BG UNITS
CARB UNITS

BASAL MENU

11:00 AM

SET/EDIT TEMP BASAL
▸ Set Duration
CANCEL TEMP BASAL[7]
SELECT PATTERNS[8]
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

11:00 AM

RESERVOIR SETUP
FILL TUBING[9]
FILL CANNULA
HISTORY

UTILITIES MENU

11:00 AM

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[10]
▸ Save Settings
▸ Restore Settings[11]
▸ Clear Settings
▸ History
CAPTURE OPTION
▸ Off
▸ On
LANGUAGE

Status Screens

Press the (ESC) button to go to the **SENSOR STATUS** screen.

Pump Status Screen

11:00 AM

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 Screen

11:00 AM

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

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[6] Displays if Capture Option is turned on in Utilities Menu.

[7] Displays only after setting Temp Basal.

[8] Displays only when the Patterns feature is on.

[9] Displays only after a rewind.

[10] Displays only when you hold •B and press ACT.

[11] Displays only after the patient settings have been saved.

Insulin Pump Settings Guide

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

Use this sheet to record your current settings to transfer them to your new **Revel** insulin pump.

Basal Settings

MAX BASAL RATE:
Main > Basal > Max Basal Rate
_____ u/h

STANDARD BASAL RATES:
Main > Basal > Basal Review
1: 12:00A   _____ u/h
2: _____ _____ u/h
3: _____ _____ u/h
4: _____ _____ u/h
5: _____ _____ u/h
6: _____ _____ u/h

TEMP BASAL TYPE:
Main > Basal > Temp Basal Type
☐U/H ☐Percent of Basal

BASAL PATTERNS:
Main > Basal > Patterns ☐On ☐Off

BASAL PATTERN A:
Main > Basal > Basal Review
1: 12:00A   _____ u/h
2: _____ _____ u/h
3: _____ _____ u/h
4: _____ _____ u/h

BASAL PATTERN B:
Main > Basal > Basal Review
1: 12:00A   _____ u/h
2: _____ _____ u/h
3: _____ _____ u/h
4: _____ _____ u/h

Bolus Settings

MAX BOLUS:
Main > Bolus > Max Bolus
_____ units

EASY BOLUS:
Main > Bolus > Easy Bolus
☐On ☐Off _____ units

DUAL/SQUARE OPTION:
Main > Bolus > Dual Square Bolus
☐On ☐Off

BG REMINDER:
Main > Bolus > BG Reminder
☐On ☐Off

Bolus Wizard Settings

BOLUS WIZARD SETUP:
Main > Bolus > Bolus Wizard Setup > Review Settings

WIZARD: ☐On ☐Off*

CARB UNITS: ☐Grams ☐Exch

CARB RATIOS:
1: 12:00AM   _____ grams/U
2: _____ _____ grams/U
3: _____ _____ grams/U
4: _____ _____ grams/U
5: _____ _____ grams/U
6: _____ grams/U

BG UNITS: ☐mg/dL ☐mmol/L

INSULIN SENSITIVITY:
1: 12:00AM   _____ mg/dL/U
2: _____ _____ mg/dL/U
3: _____ _____ mg/dL/U
4: _____ _____ mg/dL/U

BG TARGETS/TARGET RANGES:
1:12:00AM _____ - _____mg/dL
2: _____ _____ - _____mg/dL
3: _____ _____ - _____mg/dL
4: _____ _____ - _____mg/dL

ACTIVE INSULIN TIME: _____Hrs

* In Revel you must enter active insulin even when the Bolus Wizard is "Off."

Utilities

ALERT TYPE:
Main > Utilities > Alarm > Alert Type
☐Beep Long ☐Beep Medium
☐Beep Short ☐Vibrate

AUTO OFF:
Main > Utilities > Alarm > Auto Off
☐On ☐Off_____ Hrs

LOW RESERVOIR:
Main > Utilities > Alarm > Low Resv Warning
☐_____ Units ☐_____ Time

METER OPTIONS: ☐On ☐Off
Main > Utilities > Meter Options
ID _____

REMOTE OPTIONS: ☐On ☐Off
Main > Utilities > Remote Options
ID _____

Sensor Settings

SENSOR: ☐On ☐Off
Main > Sensor > Sensor Setup > Review Settings

HIGH GLUCOSE: ☐On ☐Off
SET HIGH GLUCOSE:_____
HIGH SNOOZE*: _____

LOW GLUCOSE: ☐On ☐Off
SET LOW GLUCOSE:_____
LOW SNOOZE**: _____

ALARM SNOOZE†: _____
CAL REMINDER: _____
BG UNITS: ☐mg/dL ☐mmol/L
TRANSMITTER ID:_____
MISSED DATA‡: _____

*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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