

Disclosures

Notice: Dekoda complies with the requirements of IEC 61326. This equipment has been designed and tested Class B to CISPR 11. In a domestic environment it may cause radio interference, in which case, you may need to take measures to mitigate the interference

Note: Under certain test configurations, emissions exceeding the specified limits of IEC 61326-1 may occur when Dekoda is connected to a test system. These emissions are typically associated with the configuration of test equipment and do not represent typical usage conditions.

CAUTION. Performance under Electromagnetic Disturbance:

During exposure to electromagnetic disturbances (e.g. conducted or radiated RF), the device may exhibit temporary degradation of performance such as signal loss or reduced accuracy.

Normal operation will resume automatically after the disturbance is removed. This behavior complies with IEC 61326-1:2021 immunity requirements.

1.1 What's Included with Your Spectra

The following items are included in the box with your Spectra.



Included Accessories

Wall-mount remote holder



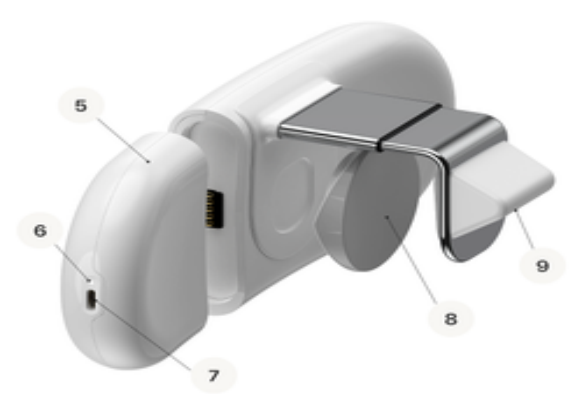
- AA batteries for remote
- Remote holder screws and anchors
- Remote holder 3M™ tape

Charging cable

Power adapter



1.2 Get to Know Spectra



1. **Status light:** The status light uses color to indicate its state. The light must be solid white to start a session. Details on all color and states is shown in 2.4 Understanding Status Light Colors.

Note: When running on battery power (not plugged in), after being turned on and if not used for 2 minutes, Spectra will enter hibernate mode to save power. At this time the status light will be turned off. See Turning Spectra On or Off for more information

2. **Power button:** Press to turn Spectra on/off.
3. **Proximity sensor:** Automatically wakes the device on motion detection (if in standby only).
4. **Adjustable clamp:** Adjusts to fit.
5. **Battery:** Can be charged while attached or detached from the device.

6. Battery status light

Color	Solid light	Blinking light
Green	Fully charged	Charging

7. **USB-C charging port:** For use with the included power cable and charging adapter.

8. **Magnetic pad:** Pivots for stability. Remove only to clean.

9. **Sensors**

1.3 Charging the Battery

Before installing and setting up your Spectra, fully charge the battery using the provided USB cable and plug. The status light on the battery will indicate the battery's state.

Color	State
Green: Solid	Full Charged
Green: Blinking	Charging
Red: Blinking	The battery is outside its normal operating temperature. Remove the battery from Spectra (if it is attached) and the charging cable for 60 minutes before using or charging. If the problem persists, please contact Support
Red: Solid	The battery has encountered a fault. Please contact Support

1.4 Downloading the Spectra App & Setting up your Spectra

1.6 Saving Fingerprints on the RemoteSpectra includes a pre-paired remote. When you power on Spectra for the first time, it will automatically look for its pre-paired remote to pair with. Simply install the batteries in the remote while you are near your powered on Spectra (the status light on it must be solid white) and the two will pair.

If for some reason this automatic pairing fails or you have received a replacement remote, follow these steps after you have completed setup of Spectra using the Spectra app.

1. Ensure the Spectra is on (status light is solid white). If it is not, place your hand in front of the presence sensor next to the power button. The status light will blink for several seconds and then turn solid white.
2. Install the batteries into the remote.
3. Wait for the remote to show a QR code on its display.
4. Scan the QR code on the remote with your phone that has the Spectra app installed.
5. The Spectra app will provide instructions to complete the process.

If the QR scan fails, you can do this manually as follows:

1. In the Spectra app, open Settings>Devices>Add a remote

1.6 Saving Fingerprints on the Remote

The remote includes a fingerprint reader to identify you and ensure your session data remains privately secured to your account. Prior to using the remote for the first time, you must save fingerprint(s) onto it. Your fingerprints are only stored on the remote and are encrypted. They are never sent to Spectra and can not be accessed by others.

Adding fingerprints

You must add at least 1 fingerprint to use the remote. When deciding what fingerprint to store, consider the placement of the remote bracket on the wall.

If you paired your remote but have not yet saved any fingerprints, the remote should currently be in the “add fingerprint” state as shown below. If not, you can force this state from the app from Settings>Account settings>Manage fingerprints



2. Lift and place your finger on the fingerprint reader button several times. You will see an indication on the remote when you have tapped enough and the scan has been completed.
3. You can add additional fingerprints if desired by repeating steps 1 & 2

Tips

- The remote can store a maximum of 20 fingerprints.
- To delete fingerprints, see TBD

Additional Topics:

Using the remote: 2.3 Starting a Session with the Remote

1.7 How to install the wall-mount remote holder

Included with Spectra

- Remote wall holder with mounting plate
- 3 screws
- 3 wall anchors
- Double sided tape

Tools required (not provided)

- Drill & 1/4" drill bit
- Screwdriver
- Pencil

To install using screws (recommended)

1. Position the mounting plate at the desired location. Confirm that it is level, then mark a level line and two mounting holes using a pencil.



2. Drill a 1/4" (6 mm) hole at each marked location. Install the provided wall anchors into the holes then position the mounting bracket over them. Secure with the provided screws.



3. Install the wall mount remote holder onto the mounting plate and slide it down until it's securely in place.



To install using the adhesive tape

1. Position the mounting plate at the desired location. Confirm that it is level, then mark a level line using a pencil.
2. Peel off the red cover from the self-adhesive pad. Attach the mounting plate to the desired location. Press firmly for 10 seconds.



3. Install the holder onto the mounting plate and slide it down until it's securely in place.



2.1 Turning Spectra On or Off

The method to turn Spectra on or off depends on its power state and if Spectra is plugged into to wall power or not. When running on battery power, Spectra will enter a hibernate state when not in use to save power. When in this state, the status light will be off. When plugged in, the status light will go dim white when not in use.

Power mode	Status light color	Desired Spectra state	Action
Battery	Off	On	Place your leg within 9" in front of the proximity sensor or press the power button briefly. The status light will blink white and then turn solid white, indicating it is ready for use.
Wall power (plugged in)	Dim white	On	Place your leg within 9" in front of the proximity sensor. The status light will immediately change from dim to bright white, indicating it is ready for use.
Wall power (plugged in)	Off	On	Press the power button briefly. The status LED will blink white and then turn solid white, indicating it is ready for use.
Battery or Wall power (plugged in)	Bright White	Off	Press the power button briefly until the status light begins to blink white. The light will blink for several seconds then turn off, indicating that the device is off.

Tip

For more information about LED colors, see **Understanding Spectra's Status Light Colors**

2.2 Starting a Session Using the Spectra App

App features will be updated.

2.3 Starting a Session using the Remote

1. Ensure Spectra is on (the status light is bright, solid white).
 1. If Spectra is in Standby mode. Place your leg within 9" in front of the proximity sensor. It will flash white for several seconds before turning solid (if running on battery power) or immediately turn bright white (if on AC power).
 2. If Spectra is off. Press the power button briefly. The status light will flash white for several seconds before turning solid.
2. Place your finger on the remote's fingerprint reader.
3. Once your fingerprint has been read, the session will automatically start.
4. Once the session has started, use the toilet as you normally would. Spectra will illuminate the bowl. Each session has a minimum time of 30 seconds and a maximum of 5 minutes
5. Before you use a bidet, toilet paper, or flush, make sure to end your session using the "I'm done" button on the remote

Tip:

- If you will be seated for that session, be in position before starting your session with the remote.
- Start the session with the remote before depositing urine or stool.
- Tap **cancel** to end the session. All images will be discarded.

2.4 Understanding Spectra's Status Light Colors

Both the Spectra and its battery have status lights to indicate status.

Spectra

Light Color: State	Status
White: Solid	Device ready for use
White: Blinking	The device is in the process of turning on or off.
Blue: Blinking	Bluetooth pairing mode. Only used during set up and when connecting a mobile phone to the device.
Purple: Blinking	The battery is low and should be charged.
Red: Slow blinking	The device has lost its WiFi connection and is trying to reconnect.
Red: Rapid Blinking	The device is unable to reconnect to Wi-Fi after 3 retry attempts. Please update the Wi-Fi credentials in the Spectra app.
Red: Solid	An error has occurred with Spectra. To resolve the error, turn the unit off pressing the side button for 2 seconds and then releasing. Wait 20 seconds, then press the side button again for 2 seconds to turn it back on. The LED should blink white and then turn solid white. Contact support if this does not resolve the issue.
Alternating Blue & Green: Slow	New firmware is being installed. When firmware is being installed, the device is not available for use. When the installation is complete, the device will restart and show the solid white light.
Alternating Blue & Green: fast	The device is being reset to factory defaults. This must be explicitly initiated using the Spectra app by you. (see help page for How to reset the device to factory defaults)

Battery

LED Color	Status
Green: Solid	Fully charged
Green: Blinking	Charging in progress

2.5 Using Notifications

App features will be updated.

2.6 Using the Timeline

App features will be updated.

Specifications

Environmental

Operating Temperature	0° to 40° C (32° to 104° F)
Storage Temperature	-20° to 40° C (-4° to 104° F)
Relative Humidity	MAX 93% (operating), MAX 95% (storage)

Physical

Dimensions	206 x 87 x 87 mm
Weight (Device+Battery pack)	520 g

Electrical

AC Adaptor	100-240 VAC, 50/60 Hz, 5VDC, 2.0A
Devices Power Consumption	3.7V @ Typ.0.6A / MAX 1.5A
Battery	Ext. 3.7V / 6500mAh / 23.4Wh Int. 3.7V / 500mAh / 1.85Wh

Radio Specifications

	2.4G(WLAN) Mode: 802.11(b), 802.11(g), 802.11(n) Operating Frequency Ranges & MAX PWR: 2412 ~ 2462MHz / (b)+16, (g)+13, (n)+12dbm
Wi-Fi	5G(UNII) Mode: 802.11(n), 802.11(a), 802.11(ac) Operating Frequency Range & MAX PWR: 5180 ~ 5825MHz / (n)(a)(ac) +10dbm
Bluetooth	Mode: Bluetooth LE 5.2 Operating Frequency Range & MAX PWR: 2402 ~ 2480MHz / +2 dbm

FCC ID: 2BMN9-KV010101

FCC Compliance Statement:

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.

FCC Caution:

Any changes or modifications not expressly approved by Kohler Ventures may void the authority granted to the user by the FCC to operate this equipment.

Class B FCC Statement

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 interference by one 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.

FCC Radiation Exposure Statement:

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Responsible party (contact for FCC matters only):

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