Understanding and Using the DryBuddyFLEX 3 System Parts

The DryBuddyFLEX 3 Sensor

The Sensor is the part that detects urine or other body fluids when used appropriately.

To read how the Sensor is attached to briefs, please see Panel A4 in

1.1. DryBuddyFLEX 3 - Introduction & Quick-Use Instructions.

The DryBuddyFLEX 3 is designed to be perspiration resistant. It requires a rapid increase in urine at the sensor (coming in a "rush"). The magnetic Sensor senses the wetness at the narrow gap separating the two large magnets. Position the Sensor on the briefs so that urine is likely to fall directly on the Sensor and at this gap. The Sensor may not respond adequately to plain water or a creep in wetness soaking through the briefs. Salt water should be used for any testing. Once the DryBuddyFLEX 3 system has been set up, the easiest way to test by activating the Sensor is to dip both magnets of the Sensor into a cup of salt water.

To conserve the Sensor's sealed battery, once the Sensor is triggered (senses wetness), it is automatically switched OFF for two (2) minutes. Please wash and clean the sensor while it is OFF. If washed later, it may re-trigger the Sensor. This does no harm except to use the non-replaceable battery a little. To prevent false alarms, please reset the Transceiver to its READY state after the cleaned Sensor has been re-attached to the user's fresh briefs.

For cleaning the sensor, rinse in cold or warm water and dry with a soft cloth. Liquid soap can be used. Do not use hot water or any abrasive substance.

The DryBuddyFLEX 3 Remote

The purpose of the DryBuddyFLEX Remote is to make using the DryBuddyFLEX system convenient for the caregiver/parent, and thereby help the patient (child). The DryBuddyFLEX Remote is used to remotely switch the Transceiver(s) as follows:

The Remote's ON button can only be used to switch the Transceiver(s)

- From SLEEP (YELLOW light) to READY (GREEN light),

The Remote's OFF button is used to switch the Transceiver(s)

- From ALARM (RED light) to READY (Green light, Alarm OFF),
- From READY (GREEN light) to SLEEP (YELLOW light)

The Remote must be synchronized with the Sensor and Transceiver.

The DryBuddyFLEX 3 Transceiver

The DryBuddyFLEX Transceiver receives wireless signals from the DryBuddyFLEX Sensor, DryBuddyFLEX Remote, and other DryBuddyFLEX Transceivers that are part of the installed DryBuddyFLEX system. It also transmits signals to these other Transceivers. Each DryBuddyFLEX Transceiver uses a specific and original code associated with a Sensor and Remote. They have been synchronized (or linked) to work together at the factory. If the Sensor, Remote or Transceiver is changed, or if additional Transceivers are added to the system, they must be synchronized with each other to work correctly.

DryBuddyFLEX 3 Transceiver Setup

Plug the Power Supply into a typical wall electric power outlet. For the U.S., Canada and some other countries this will be 110-120V 60Hz AC. For Europe and some other countries this will be 220-240V 50Hz AC. The Power Supply provided will work at both sets of voltages, but will have different shaped prongs to plug into the local outlet. Use the correct plug type for your power socket. Insert the power feed plug at the end of the 2 meters cable into the socket at the end of the short cable attached to the rear of the Transceiver. A “bayonet” style connector is used where the plug is rotated after insertion so as to give and maintain a firm connection.

Switching the Transceiver between its OFF, SLEEP, READY and ALARM States

Please read the earlier section about this.

Operating Controls on the DryBuddyFLEX3 Transceiver

Except for the Power switch on the top of the Transceiver, other controls for features and settings are on one side of the Transceiver. These switches consist of recessed buttons under the surface of the Transceiver, which can be accessed by pushing with a blunt instrument, such as a straightened metal paper clip or a small screwdriver with a blunt tip. The recessed switches prevent inadvertent changing of the switch settings. Please do not press these recessed switches hard as they can break.
Note: To set and/or sample these switch settings, the Transceiver must be in its SLEEP state (YELLOW light).

Sound
There are three settings:

1. Trumpet fanfare,
2. Berlin police siren,
3. Silence (no sound).

Each time the Sound button is pressed, the new sound is set to the next sound as per the sequence:

1. → 2. → 3. → 1. → 2. → 3. etc.

The new sound will be heard and the YELLOW light will flicker, both indicating what the new setting. When going to the Silent sound setting, there will be no sound but the YELLOW light will flicker indicating the new setting.

Volume

There are five (5) preset volume levels. Pressing the Vol + button (on the right side) increases the volume to the next higher level. Pressing the Vol – button (on the left side) reduces the volume to the next lower level. The new sound level is heard when the Vol switch is pressed if the Sound is set to an audio setting.

Synch

The Synch button is used to synchronize the Transceiver(s) being used with the Sensor and Remote that are part of the system. Synchronizing all of these components is necessary so that these parts "know" each other and can function together. A new full DryBuddyFLEX 3 system, consisting on a Sensor, Remote and Transceiver, is synchronized at the factory and can be used without any synchronizing. Changing any one of these original components, or adding an additional Transceiver, will require synchronizing to work properly.

Basic synchronizing of one Sensor, Transceiver and Remote is described in
1. DryBuddyFLEX 3 Introduction.

Synchronizing more than one Transceiver and related options are described in
8. Synchronizing the DryBuddyFLEX Sensor.

Please refer to the DryBuddyFLEX FAQ section on www.DryBuddy.com for additional information, advice and many answered questions:

www.DryBuddy.com → FAQ → DryBuddyFLEX