

# DryBuddyFLEX 3<sup>TM</sup>

## DryBuddyFLEX 3 Sensor & Cap

Figure 1a: Sensor

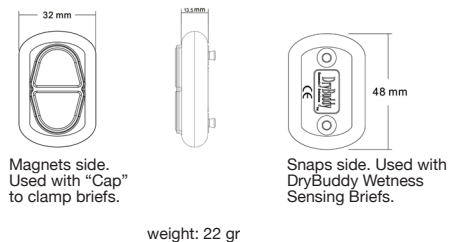
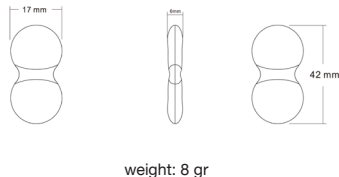
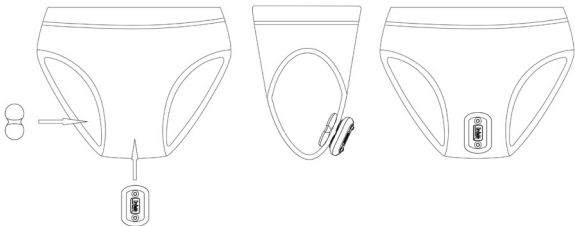


Figure 1b: Cap



## DryBuddyFLEX 3 Sensor and Cap attached to Unisex Briefs

Figure 2a



## DryBuddyFLEX 3 Sensor and Cap attached to Unisex Briefs

Figure 2b



## DryBuddyFLEX 3 Sensor and Cap attached to Wired Briefs

Figure 3



## DryBuddyFLEX 3 Transceiver

Figure 4a

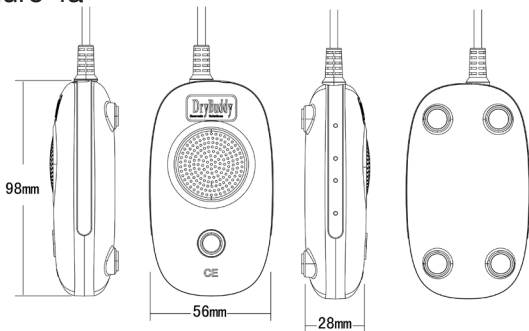
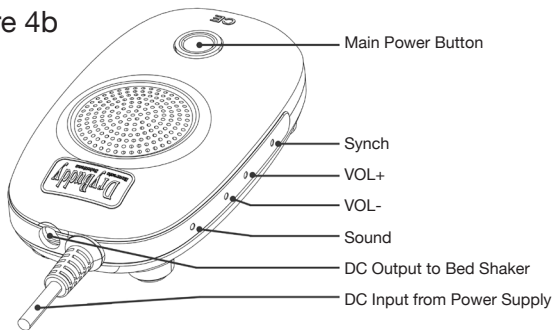
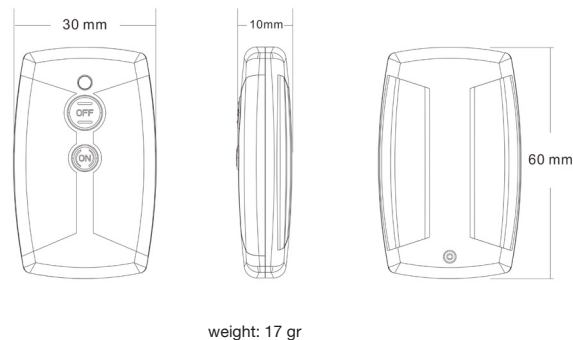


Figure 4b



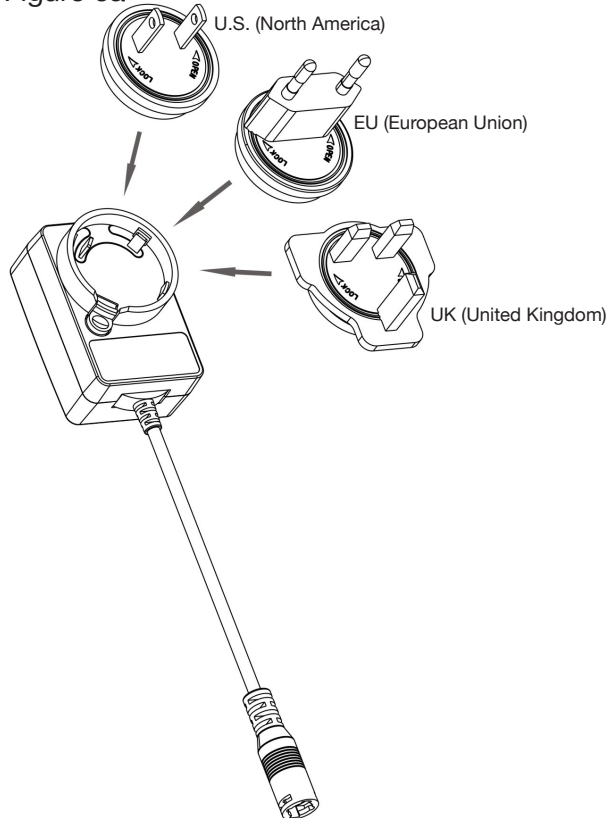
## DryBuddyFLEX 3 Remote

Figure 5



## 3-Way Power Supply with Plugs

Figure 6a



### 3-Way Power Supply with Plugs (Con't)

Figure 6b: Attaching a plug

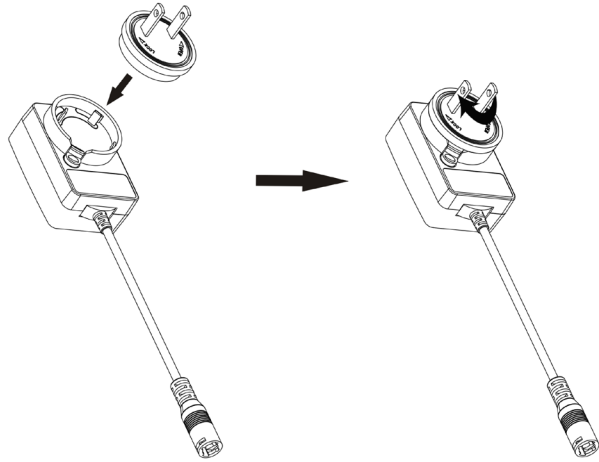
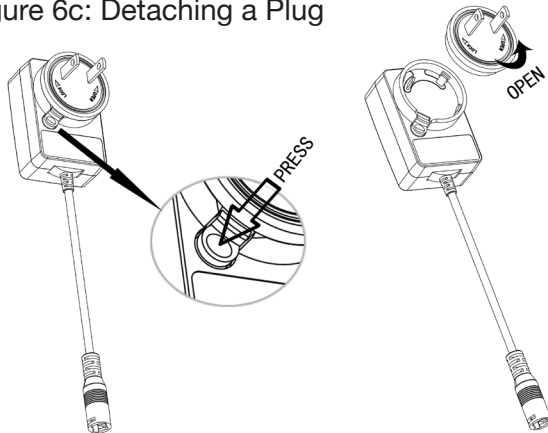
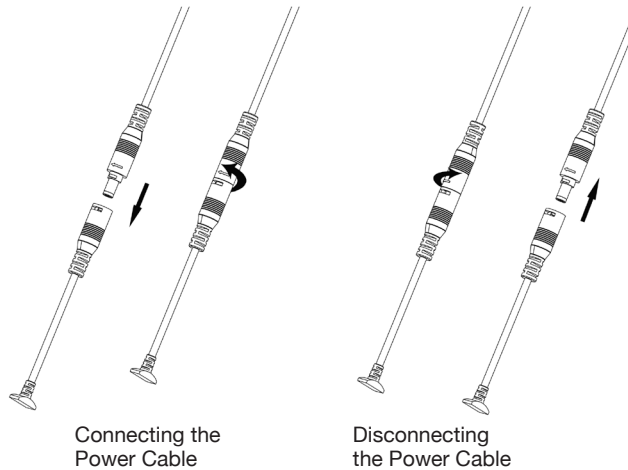


Figure 6c: Detaching a Plug



### 3-Way Power Supply with Plugs (Con't)

Figure 6d: Connecting the Power Cable to the



### DryBuddyFlex 3 System



### FCC Warning

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.



This equipment has been tested 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 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.

### Caution when Using the DryBuddy1 System

- The DryBuddy alarm is intended for use as a bed-wetting and enuresis alarm by children of age five and older, or as recommended by a medical authority. It can be used by older patients as a urine sensor and wetness alarm and as an incontinence alarm.
- The DryBuddy system is a medical device and should be treated as such. Do not use roughly or damage.
- Do not use as a potty training aid for babies, toddlers and young children.
- Make certain that no parts of the DryBuddy or sensor are put in the mouth for any reason as this could cause choking or other harm.
- Observe all sanitary precautions to keep the sensor clean and the alarm parts clean and dry.
- Do not use the sensor for more than one user without thorough cleaning.
- Do not strike the magnetic sensor or cap on hard surfaces or make them hot as this can reduce magnetism.
- The DryBuddy system is designed to sense urine or salty water. It is less effective in sensing plain water.

### Important Safety Instructions for Transceiver

Read these instructions carefully. Keep these instructions for later reference.

All cautions and warnings should be followed.

The rating of the equipment is input & output: The socket-outlet shall be installed near the equipment and shall be easily accessible.

The equipment shall be used at maximum 40°C ambient temperature.

Do not open the equipment to reduce the risk of electrical shock. For safety reasons it is only allowed to be opened by qualified service personnel.

Protect equipment from humidity.

Equipment has to be protected from objects falling through or liquids dripping through the openings. This could cause a fire or electrical shock.

Disconnect equipment from power supply before cleaning. Do not use any liquid or aerosol cleaner. Use only moistened cloth.

If the equipment is not used for long time, disconnect the equipment from power supply to avoid being damaged by voltage peaks or lightning strike.

If one of the following situations arise, equipment has to be checked by qualified service personnel

- Plug is damaged.
- Liquid has penetrated into the equipment.
- Equipment has been exposed to humidity.
- Equipment has obvious sign of breakage.
- Equipment does not work well or you cannot get it working according to user's manual.

The equipment shall not be exposed to dripping or splashing and no object filled with liquids, such as vases, shall be placed on the equipment.

For indoor use only.

Polarity of DC output Jack: Center is anode.

The appliance is designed to supply information technology equipment and similar electrical appliances.

This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.

# DryBuddyFLEX 3

The DryBuddyFLEX 3 is designed in USA. Assembled in China.  
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## A1 DryBuddyFLEX 3 Introduction

The DryBuddyFLEX 3 is the third generation of the DryBuddyFLEX bedwetting, enuresis and incontinence detection and alarm system, and provides improvements and enhancements over previous versions. It is a very feature-rich true wireless system, where no wires of any kind are attached to or worn by the user. It has been designed to provide unmatched convenience, ease-of-use and flexibility to the user and caregiver, and offers many useful features and options to allow it to be customized for the user.

### Where can the DryBuddyFLEX 3 be used?

The DryBuddyFLEX 3 can be used at home or any place where there is an AC (alternating current) electric power supply and receptacle. It comes with a special power adaptor that allows ready use with standard electric plug sockets in the U.S. (North America), U.K. (United Kingdom) and EU (European Union). A 110 – 240 V AC 50/60 Hz electric power source must be used. For nations with a different plug design, a plug adaptor may be needed.

The DryBuddyFLEX 3 offers one-button user simplicity. It also allows customization of its many features so that it best matches the needs of the user and the caregiver. After the DryBuddyFLEX system has been set as required, the user only needs to use the Power button on the Transceiver to operate the system in its Manual Power (MP) mode. The Remote offers further convenience for the user and the caregiver.

### DryBuddyFLEX 3 System Contents

The DryBuddyFLEX 3 system consists of:

- A **Sensor**, which consists of a magnetic sensor with a built-in wireless transmitter, and its magnetic “cap.” When used with standard cotton briefs, the material of the briefs is clamped between the magnets of the sensor and the cap. (See Fig. 1)
- A **Transceiver**, which receives the wireless signals from the Sensor and Remote and alerts. It also re-transmits to other transceivers (if used) so that all transceivers behave alike. A power supply is included. (See Fig. 4A and 4B)
- A Remote, which wirelessly sends signals to the **Transceiver** to control its behavior. (See Fig. 5)

The **DryBuddyFLEX 3 Briefs system** consists of the DryBuddyFLEX 3 system described above plus two (2) DryBuddy wetness sensing briefs of the ordered size.

All DryBuddyFLEX 3 parts and wetness sensing briefs can be obtained from DryBuddy.

## A2 DryBuddyFLEX 3 Quick-Use Instructions

The DryBuddyFLEX 3 or DryBuddyFLEX 3 Briefs system comes ready-to-use. The included Sensor, Remote and Transceiver have been synchronized with one-another at the factory. The feature-rich DryBuddyFLEX 3 can be used simply by following the following instructions. To use additional features please refer to the additional instructions at [www.DryBuddy.com](http://www.DryBuddy.com):

**[www.DryBuddy.com](http://www.DryBuddy.com) → Our Products → DryBuddyFLEX → DryBuddyFLEX 3 Instructions**

### Setting up the DryBuddyFLEX 3

1. **Place the Transceiver on a bed-side table or other convenient location.**
2. **Attach the plug at the end of the power cord from the power supply to the socket at the end of the short cord of the Transceiver. (See Fig. 6A – 6D)**
3. **Plug the Power Supply into a live electric wall socket.**
4. **Press the Power button on the top of the Transceiver. The Power button will show a Yellow light. The system is now in its SLEEP state.**
5. **Press the Power button on the Transceiver once. A Green light will show under the button. The system is now in its READY state, ready to receive a signal from the Sensor.**
6. **Attach the Sensor to the patient's briefs or special wetness sensing briefs. The wetness sensing briefs should have been gently washed and dried before use. (See Fig. 2A and 2B, or Fig 3A and 3B)**
7. **The alarm has been pre-set to Audio (Trumpet Fanfare) at maximum volume.**
8. **When the alarm sounds, it can be switched OFF manually by pressing the Power button on the Transceiver, or remotely by pressing the OFF button on the Remote. A Yellow light will show under the Power switch. Make certain that the child or patient is awake and gets out of bed before turning the alarm OFF.**
9. **Remove the sensor and other items that may be soiled, wash and dry them, and re-attach them to the patient.**
10. **To reset the system so that it will be triggered by wetness, press the Power button manually or press the ON button on the Remote. The Power switch will show a Green light indicating that the system is in its READY state. The system is again ready to be triggered by the Sensor when it detects wetness.**
11. **If the DryBuddyFLEX system is not being used, you can turn the system completely OFF by disconnecting the power supply cable from the Transceiver.**

**Note:** The DryBuddyFLEX 3 is designed to be perspiration resistant. It requires a rapid increase in urine at the sensor (coming in a “rush”). Position the Sensor on the briefs so that

## A3 DryBuddyFLEX 3 Quick-Use Instructions (Con't)

urine is likely to fall directly on the Sensor. 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.

**Note:** The feature-rich DryBuddyFLEX 2 is the most sophisticated bedwetting alarm available today. Please contact DryBuddy with any questions, comments or issues at:

**Tel: 912-352-8854 or email: [Service@DryBuddy.com](mailto:Service@DryBuddy.com)**

**To set the Transceiver's sound and volume**, use a straightened metal paper clip, toothpick or similar narrow and blunt device to push the buttons on the side of the Transceiver. (See Fig. 4B) The Transceiver must be in its SLEEP state (Yellow light) to activate these buttons.

**Sound:** Each time the Sound switch is pressed, it is switched to the next sound in the order:

Trumpet fanfare → Berlin police siren → Silence (no sound)

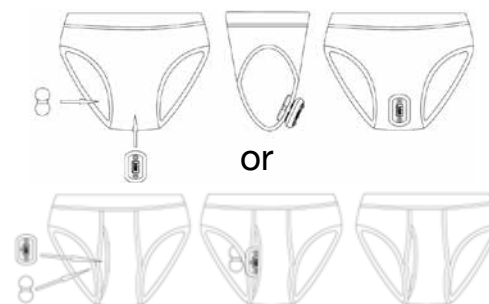
The Silence setting can be used if the audio alarm is to be silent.

**Volume:** There are five (5) volume levels. Each time the + or – button is pressed, the volume will increase or decrease by one level. This new level will be heard if the sound is set to an audio setting.

### Attaching the Wireless Magnetic Sensor

*Attaching the wireless Magnetic Sensor to standard cotton briefs:*

1. The Sensor is attached on the outside of the briefs at the point of urination. Position the Sensor carefully on the briefs. The alarm will only alert when the material of the briefs between the two magnets is wet.
2. The stainless steel magnets point towards the body.
3. The magnetic Cap is placed on the inside of the briefs and directly opposite the magnets so that the briefs are clamped between the Sensor and the Cap.
4. With male briefs having a pouch, the Sensor should be placed inside the pouch with the magnets pointing towards the body.



## A4 DryBuddy1 Quick-Use Instructions (Con't)

Attaching the wireless Sensor to optional DryBuddy Wetness Sensing briefs:

1. The patient (child) wears the briefs.
2. The Sensor's male snaps are inserted into the female snaps at the waist of the briefs and firmly attached.
3. The Velcro is firmly strapped around the Sensor to help keep it in place.



### Synchronizing the DryBuddyFLEX 3 System is necessary.

Synchronizing allows the Sensor, Transceiver and Remote to recognize each other and work together. A DryBuddyFLEX 3 system must be synchronized. A new system, consisting of a Sensor, Transceiver and Remote packed in a box, comes with the three devices synchronized at the factory and can be used without further synchronizing. Synchronizing is required whenever

- A NEW Transceiver, Sensor or Remote is to be used, or
- Synchronization has been lost for any reason.

**Note:** A new DryBuddyFLEX 3 system, consisting of a boxed Sensor, Transceiver and Remote, has been synchronized at the factory and is ready to use.

#### To synchronize:

1. Attach the Transceiver to its power supply, and confirm that the Transceiver is in its SLEEP state (Yellow light).
2. Press the Synch button on the side of the Transceiver. The light under the Power button on the Transceiver will become flashing BLUE. While the light is BLUE (one minute), the Sensor and Remote must be synchronized.
3. Trigger the Sensor. This can be done by dipping both sensor magnets in a cup of salt water, or by pressing a clean and non-oily key or knife against both magnets. A beep will be heard.
4. Press the OFF button on the Remote. Two beeps will be heard and the flashing BLUE light will turn GREEN.

The system is now synchronized.

*If the DryBuddyFLEX is perceived to not work or has stopped working, please synchronize it first as it may have lost its synchronization. Without synchronizing, the DryBuddyFLEX 3 system will not work.*

## A5 Other DryBuddyFLEX 3 Features, Controls and Operations

The DryBuddyFLEX 3 has many useful features which can be individually set and controlled by the user. Descriptions and Instructions can be found on [www.DryBuddy.com](http://www.DryBuddy.com) under

### Our Products → DryBuddyFLEX → DryBuddyFLEX 3 Instructions

Please refer to the DryBuddyFLEX FAQ section in [www.DryBuddy.com](http://www.DryBuddy.com) for additional information, advice and many answered questions:

**[www.DryBuddy.com](http://www.DryBuddy.com) → FAQ → DryBuddyFLEX**

**Note:** The feature-rich DryBuddyFLEX 3 is the most sophisticated bedwetting alarm available today. Please contact DryBuddy at 912-352-8854 with any questions, comments or issues.

## A7

#### FCC Warning:

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.

Note: 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 or more 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## A6 Caution when Using the DryBuddy1 System

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# DryBuddyFLEX 3

**Good Things Happen with DryBuddy™**

**Raising the Standards for Mobility,  
Privacy, Performance and Value.**

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The DryBuddyFLEX 3 is designed in USA. Assembled in China.  
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**Introduction & Quick-Use Instructions**