

SKYFLO™ POUR SPOUT USER MANUAL

FCC Information.

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

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 to 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

This device complies with Part 15 of the FCC rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation

Important – when shipping Skyflo always ensure you put it to Sleep using the washing key. RF devices must always be switched off in transit!

Preparation

- Unpack the box and check contents as per the packing list.
- For security reasons the Spout is deactivated with access to Cleaning Mode (Spout open) during transportation.

Touch the sensitive button with your finger and you will see the top 2 LEDs light blue.

- To activate the Spout take the Washing Key, push the button until you see 'Close' light green, then within 4 seconds you must put it on the top of the Spout with contact to the metal part.

You will hear the motor run once. The Spout then closes and is activated.

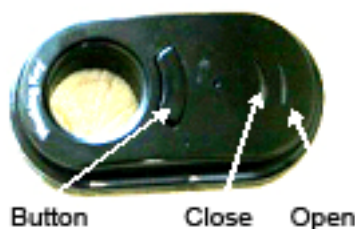
- Take the Spout and insert the air valve tube.



SKYFLO Spout



Cleaning Mode



Washing Key



'Close' light green - Spout Closes

Pouring

- Take a bottle ensuring it contains liquid.
Nb. This Spout is not recommended for syrup product.
- Insert the Spout fully onto the bottle to make bottle presence sensor activate. You should hear the motor run once, The Spout opens & closes and air is released from the bottle.
- Incline the bottle quickly but smoothly to at least a 160 degree angle and pour.



Spout registers
on bottle

Changing Serving Sizes

- After the bottle presence sensor is activated by inserting the Spout into the bottle the default pour size is usually set as 30ml.
- Trigger the Spout with a simple finger touch on the sensor pad to choose the size you want to pour. The blue LEDs from top to bottom stand for 50ml, 40ml, 30ml & 20ml respectively. After choosing a size you can incline the bottle to pour. If you keep the bottle inclined it will continue to pour measures of the set quantity until you return the bottle to upright.
- Using SKYMAN to configure the Spout, you can fix a different default size, block the optional sizes, or select a free pour mode.



Change size

Liquid Detection & Bottle Change

- The Spout will not pour when the bottle runs empty, as no liquid is detected. 4 LEDs blink in blue and flash off from bottom to top, if you keep the bottle inclined they repeat 2 times then flash off completely.
- Remove the Spout and attach it to a new full bottle of the same size and brand.
- Changing of bottles is printed on your report.

Low Battery Indication

- With a tiny Li-ion battery inside the Spout can pour 10,000 drinks before recharging.
- If you do not pour at all, a Spout on a bottle can stand by for up to 3 months.
- When the Spout top LED blinks RED it indicates low battery and needs to charge.
- Low battery status is printed on your report.

Technical Comments

The Skyflo Spout is currently designed to transmit pour data to the Master immediately, and if it gets no response, to continue sending after 2/4/8/16/30/60/120/240/480 seconds, then attempt to transmit every 8 minutes until it succeeds.

The Spout synchronises with the Master Unit once every hour to check connection, whether the Spout is pouring or at rest.

If the Spout is unable to transmit the data immediately it is able to store more than 50 pours.

Charging the Washing Key

- If you depress the Washing Key button and no LED blinks it needs charging. Plug the Washing Key to the power supply and the 'open' light will turn red. This signifies normal charging progress.
- When the Washing Key battery is full the Washing Key 'open' light turns green. Recharge can be done in two hours.



Cleaning the Spout

- Take the Washing Key. Push the button to light the 'open' light turn green. Put it on the Spout. You will hear the motor run once. Spout opens and is ready for cleaning.

During cleaning mode the Spout will not send any signal. If you touch the sensor pad on the Spout no LED blinks.

- Briefly rinse the Spout in warm/cold water and shake to dry.
- Do not keep the Spout submerged in water.
- Do not wash the Spout more than once a day.
- Do not wash with water that is too hot to touch.
- Do not bleach or use abrasive cleaners.
- Do not leave the Spout soaking in water.
- Do not put the Spout in a dishwasher.
- When cleaning is finished push the Washing Key button until you see the 'Close' light turn green, then within 4 seconds place it on the top of the Spout with contact to the metal part.

You will hear the motor run once. The Spout then closes and is activated.



Open Spout



Close Spout

Changing Cork

- Cut the old cork with a knife and replace with the new cork.
- Different cork sizes are available to fit the Spout.

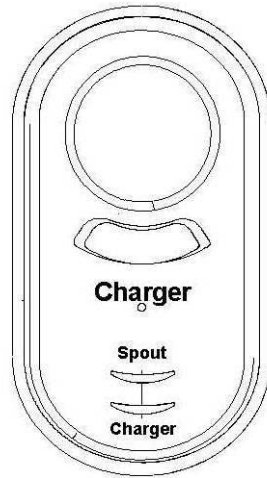
Spout LED Blinking Instructions

- If the bottle is inclined and all blue LEDs flash On, Off, then ON again this means no liquid is detected.
- Top blue LED and last Bottom blue LED blinks; RF communication with master is in error.
- Top blue LED flashes all the time, in configuration mode with Master via SKYMAN.
- Top blue Led flashes and then all blue LEDs flash off from bottom to top, The Spout has been reset;

Washing Key/Charger reset button

- Use a pin to push the hole by the Washing Key /Charger button to reset the device.

Using a Charging Key to charge a Spout



- **Charging the Charger:**

A full charger can charge approximately 1.5 Skyflo Spouts.

The Charging Key should be fully charged before charging a Spout.

Plug in the Charging Key and wait for the “Charger” red light to go out.

However the charger can feed the spout meanwhile it is getting charged.

- **Before charging Spout:**

Press the Key button once to activate and place the Key on the Spout.

Light reference;

“Charger” LED Green = Key battery OK;

“Charger” LED Red = Key battery empty.

- **During charging:**

When the key is placed on a Spout the key will detect how much power is present.

It continues to detect every 1 to 3 minutes during the charging process.

(When key is detecting spout the “Spout” LED blinks green once.)

- **Signs of proper charging process:**

- “Spout” LED blinks blue, meanwhile Spout “top LED” blinks red.

Nb. When the Spout runs completely out of power, the “top LED” will not immediately blink red after the Key is placed on it. It wakes up the Spout = Spout “top LED” blinks blue and the motor runs - opening and closing one time.

Take the Key off the Spout and re-place on it. The Spout will then immediately blink red.

- When Key battery becomes flat the Key “Charger” LED will turn red. This alerts the operator to plug power to charge the Key.
- **Error notice:** If the Key loses contact with the Spout or a program error occurs the Key “Charger” LED will turn green automatically.

After “Charger” LED turns green the Key stops charging.

This alerts the operator to take the Key off the Spout and re-place it back on the Spout.

If the error persists you can use a pin to push RST (Reset) to reset Key.

- **Charging Complete:**

Once the Charging Key detects that the Spout has enough power (more than 90%) the Key “Spout” LED will turn green, and will then stop charging.

Take the Charging Key off the Spout and press the Key button to exit alert status.