



PROJECT		REF		REV	ITEM CODE	
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## SANITARY WARE SPECIFICATION SHEET

<p>Item Descriptions</p> <p>Dimensions</p> <p>Model</p> <p>Code Number</p> <p>Supplier</p> <p>Contact Tel/Fax</p> <p>E-mail</p> <p>Website</p>	<p>Stern (Israel) Remote control for sensor faucet</p> <p>L150 x W64 x H20 mm</p> <p>Remote Control for 13 Keys</p> <p>07100005</p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen</p> <p>(852) 2388-7171 / (852) 2710-8012</p> <p>acme@acmesanitary.com.hk</p> <p>www.acmesanitary.com.hk</p>	<p style="text-align: center;">Illustration/ Drawing</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>
<p><b>REMOTE CONTROL 13 KEYS</b>  <b>Ref # 07100005</b>          13 Keys remote control allowing easier maintenance of extensive installations requiring custom settings.          The remote control allows adjustment of sensor features for all of Stern's touch free faucets, flush valves and shower controls.          Adjustable settings: sensor range, self adjustment mode, security time, short flow time, flow time, delay in, delay out, 24 hour hygiene flush, lock out time, temporary on-off and reset to factory settings.</p> <p><b>Application:</b>          As electronic taps, flush valves and shower controls are being installed in different places and used for different applications, it is crucial to be able to change the settings of the infrared sensor faucet, flush valve or shower control. Stern's sensors' non-volatile memory will retain the stored adjustments even in case of power failures or if the battery is replaced.</p> <p><b>Use:</b>          Hold the remote control straight in front of the sensor eye in a distance of 15-20 cm (6"-8"). Press the button of the function you would like to change, wait until a red blink of the sensor eye is perceived and make the change.</p>		

Note:

*\* All information of the above is for the reference only. No prior notice is made if any changes.*



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Since 1949

**stern**

# stern

## REMOTE CONTROL

W I T H 1 3 K E Y S



The Remote Control is available for easy maintenance of extensive installations requiring custom settings.

One big advantage to the sensor is its non-volatile memory that will retain the stored adjustments even in case of power failures or if the battery is replaced.

Note: To operate the advanced functions with the new 13 keys Remote control you should have a compatible product model.

# REMOTE CONTROL

**Allows easy maintenance of extensive installations requiring custom settings.**

**The remote control allows adjustment of sensor features for all Stern electronic products, while some functions require a compatible product model:**

- Sensor range
- Entrance to the self adjustment mode
- Security time
- Short flow time
- Flow time
- Delay in
- Delay out
- 24 hour hygiene flush
- Lock out time
- Temporary off
- Reset



<https://www.youtube.com/watch?list=PLgup7G1YcDS3MLMJR6S-EnwexesAsgeNE&v=I1oYxMbeNsg&feature=youtu.be>



Stern's advanced 13 keys remote control enables adjustments of products including a self-adjusting or dual flush sensor. The following settings can be adjusted and the following functions can be performed:



## DETECTION RANGE

The detection range refers to the greatest distance an object can be located to activate the system.

The sensor range in all our infrared products can be changed using this button on the remote control.

Press the Range button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then, press + to increase the detection range and – to reduce it.



## ENTRANCE TO THE SELF ADJUSTMENT MODE

This button operates products including a self adjusting sensor only.

Check that no objects are in front of the sensor. Press the ADJ button. Once a quick flashing of the red light of the sensor eye is perceived, remove your hand holding the remote control and move away from the sensor area. The ideal sensor range for the specific location will be set automatically. Once the self

adjustment has taken place the solenoid valve will be opened and closed for 1 second as an indication that the ideal sensor range was set and the product is ready for use.



## SECURITY TIME

The Security time, present in faucets and shower controls, prevents continuous flushing of water due to reflection or vandalism. By default, if the sensor is covered for more than 90 seconds for faucets or 10 minutes for showers, the water flow will shut off automatically. To resume regular operation any obstruction must be removed.

Press the SEC button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then, press + to increase the security time and – to reduce it.



## SHORT FLOW TIME

This button applies to flush valves for toilets with an infrared dual flush system. On these flush valves, the full flush time can be changed using the following button (two wave button) and the short flush can be changed by using this one. If required, the short flow time can be modified as follows: Press the one wave button. Wait until a quick flashing of the red light of the sensor

eye is perceived. Then, press + to increase the short flow time and – to reduce it.



## FLOW TIME

This button allows changing the flush valves flush time, once the user leaves the urinal or the toilet.

In flush valves for toilets with dual flush system this button allows changing the full flush time.

If required, the flow time can be modified as follows: Press the two waves button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then, press + to increase the flow time and – to reduce it.



## DELAY IN TIME

It is recommended to change the delay in time for flush valves for urinals or toilets only. Due to the delay in setting, the sensor will only activate the system if the user is detected for the preset amount of seconds.

If required, the delay in time can be modified as follows: Press the IN button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then, press + to increase the delay in time and – to reduce it.



## DELAY OUT TIME

This button allows modifying the water flow time after the user removes his hands from the faucet or steps out of the shower. A delay out time close to 0 will save more water. An increased delay out time will make the user experience more comfortable.

For flush valve applications, the delay out time function allows modifying the time interval the water starts to flush after the user has left the toilet or urinal. In this case, a delay out time close to 0 will not give the user the possibility to be away from the sanitary. An increased delay out time will make the user experience more comfortable, but high traffic of users should be taken into consideration.

If required, the delay out time can be modified as follows:

Press the OUT button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then, press + to increase the delay out time and – to reduce it.



## 24 HOUR HYGIENE FLUSH

This function is ideal to maximize hygiene and prevent Legionella and other diseases.

It also helps to prevent pipes from freezing, keeping the water moving through the pipes every 24 hours.

To activate or deactivate the hygiene flush, press the clock button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then press + to activate the hygiene flush or – to deactivate it.



## LOCK OUT TIME

It is possible to program a lock out time in our products upon request. This lock out time allows a user to activate the faucet, flush valve or shower only after a specific amount of time has passed. For example, a shower control at a camping site can limit users to have a shower only after 20 seconds has passed

since the last use.

If a specific lock out time was preset in a product as default, and you would like to deactivate it, press the lock button. Wait until a quick flashing of the red light of the sensor eye is perceived. Then press – to deactivate the lock out time.

To activate it again, press the lock button and without releasing it, press the + button once.



## TEMPORARY OFF FUNCTION

This function is ideal to perform any kind of activity in front of the sensor without operating the system (for example, cleaning).

Faucets and flush valves will remain shut for 1 minute and showers will remain closed for 2 minutes when this button is

pressed once. To cancel this function and to return to normal operation press the On/Off button again or wait 1 or 2 minutes depending on the product.



## RESET BUTTON

This function allows the sensor to return to the original factory preset settings.

If your product includes a self adjusting sensor, the RESET button restores all the factory settings except for the sensor range. To enter the self adjusting mode, use the ADJ button. To

change the sensor range, use the RANGE button.

If required, press the Reset button and the + button together.