

Display description		
Activated mode	Bath filled with water	Empty bath
All functions off	Indication of water presence in the bath: Actual time + one dot flashing	Indication of water absence in the bath: Actual time + both dots flashing between hours and minutes
Filling	Counting time since the start of filling the bath with water	
Drying		Drying time countdown 20-0s
Disinfectant backwash StreamClean		Letter <b>H</b> (Hygiene) and the cycle countdown (4 min:10s-0s) are shown. <b>The Flashing letter H</b> means insufficient disinfectant solution (it is necessary to refill the disinfectant solution into the disinfectant tank).
Enabled massage	Actual time – bath water temperature – run time of the first enabled function are rotated every 3 seconds	
Heating enabled – does not warm	At the displayed temperature of the water the dot slowly blinks behind the first number (the temperature of the water in the bath is higher than the temperature set up on the thermoregulator or the hydro-massage is not switched on).	
Heating enabled – warms	At the displayed temperature of the water the dot quickly blinks behind the first number.	

Special notice	
Automatic drying cycle	Drying cycle of the airpool system pipe system will automatically start approx. 21min. after last press of any button or after the last run function has terminated and there is no water in the bath tub.
Notice	The maximum bath time is set to approx. 21min. This is also a recommended length of a massage. After that, you have to turn the massage on again by pressing the appropriate button. If the hydromassage has been running for all 21 min., there must be at least 10 min. break for cooling the pump before another use of the hydromassage.
Soft reset	In case of a non-standard behaviour of the electronic controller, press and hold <b>+</b> and press <b>-</b> , then release both buttons. If the problem has not been solved, it is necessary to unplug the power to the bath and after a while plug it in again.
Hard reset	In case the Soft reset has not helped to solve the non-standard behaviour of the electronic controller, disconnect the power to the bath and reconnect it after a while.
Software version	After starting the supply and after the reset the software version is shown on the display for 1 sec. The form is following: X xx. X is the version (S=Standard...); xx is the version number.

\*- automatic filling of the bath is active only if the system includes Disinfectant backwash StreamClean.



**User's manual for operating hydrotherapeutic massage  
system *Lux – Whirlpool, Airpool, Combipool*  
Software version 11+**

**SAPHO Hydro & Air s.r.o.**  
Mělnická 87  
250 65 Líbeznice  
**Manufacture and sale of hydrotherapeutic systems**  
[www.sapho-hydroandair.cz](http://www.sapho-hydroandair.cz)  
[www.hydromasaze.cz](http://www.hydromasaze.cz)  
e-mail: [info@hydromasaze.cz](mailto:info@hydromasaze.cz)  
tel.: +420 283 090 770  
service and technical support tel.: +420 283 090 770  
service and technical support tel.: +420 774 715 012  
fax.: +420 283 090 771





This electronically controlled system is among the best on the hydrotherapy market. The Lux system is electronically controlled including electronically controlled water massage (control of pump revolutions is a unique function of this system) which gives you a maximum experience from the bath and maximum therapeutic effect.








The **TM62** controller has the following functions (functions are optional according to the system configuration):

- Hydro (water) massage
- Air massage (eventually Hydro and Air combined)
- Pulsation
- Electronically controlled compressor (Airpool) and pump (Whirlpool)
- Disinfectant backwash system StreamClean / with automatic filling (filling is optional)
- Illumination (LED/halogen)
- Chromotherapy
- Water heating
- Electronic control with display gives you possibility to set actual time, massage time and water temperature.

### Description of controller buttons

Button description (function after pressing the button)

Figure	Button description (function after pressing the button)	
	Bath filled with water (between the numbers of hours and minutes only the upper dot blinks, the lower dot is on all the time)	Bath without water (both dots – upper and higher – blink between the numbers of hours and minutes)
 	<p><b><i>Illumination halogen/LED-CoolLight</i></b></p> <ol style="list-style-type: none"> <li>1. press – turn illumination on</li> <li>2. press – turn illumination off</li> </ol> <p><b><i>Chromotherapy</i></b></p> <ol style="list-style-type: none"> <li>1. <b>Press</b> the control button (activation of chromotherapy from <b>disabled mode</b>) <b>to start up the chromotherapy into cyclical colour change</b> mode.</li> <li>2. <b>Second press stops the cycle</b> at the desired colour</li> <li>3. <b>Third press</b> switches the chromotherapy <b>off</b></li> </ol> <p><b>Long press can enter the last chosen colour.</b>  <b>If both lights are present in the system than short press controls the halogen light and long press the chromotherapy. There is no shortcut to last chosen colour.</b></p>	<p><b><i>StreamClean backwash</i></b></p> <p>The long press starts the security count from 5 sec to zero, when it is confirmed during this time by the short press, the disinfectant system with backwash of hosepipes is activated.</p> <p><b>Cycle after long pressing the button</b></p> <ol style="list-style-type: none"> <li>1. The disinfectant solution pump runs for 30s.</li> <li>2. After 5s from the start of the disinfectant solution pump, the pressure water valve is enabled for 25s and the whole system is being backwashed with a mixture of water and disinfectant solution.</li> <li>3. The pressure water and the disinfectant solution pump are turned off; water flows freely from the nozzles into the bath and the disinfectant solution works for 60s.</li> <li>4. The pressure water is turned on for 40s. It rinses the system thoroughly with clean water.</li> <li>5. The pressure water is turned off; water flows freely from the nozzles for 60s</li> </ol> <p>The drying (compressor) is turned on for 60s (only at system Combipool); the system is dry and ready to be used.</p>

	Button description (function after pressing the button)	
Figure	Bath filled with water (between the numbers of hours and minutes only the upper dot blinks, the lower dot is on all the time)	Bath without water (both dots – upper and higher – blink between the numbers of hours and minutes)
 	<p><b>Water heating</b> <b>Turn on/off</b></p> <ol style="list-style-type: none"> <li>1. short press – turn water heating on (water heating works only when hydro-massage is turned on)</li> <li>2. short press – turn water heating off</li> </ol> <p><b>Central system shut down</b> <b>Press for a long time</b> to turn off all functions</p>	<p><b>Press for a long time</b> activates the mode for the set of heating temperature (see below)</p>
	<p><b>Setting the temperature</b></p> <ol style="list-style-type: none"> <li>1. <b>long press</b> in the mode of real time (when massage systems are turned off) to change the set temperature of the thermostat (the set value is flashing); The temperature can be changed by pressing <b>+</b> and <b>-</b> buttons.</li> <li>2. long press confirms the choice and remembers the chosen value. The default value is set to 36°C (it is always set up after the reset or switching the net power supply of the bath off).</li> </ol>	
 	<p><b>Hydro-massage (Whirlpool massage)</b></p> <ol style="list-style-type: none"> <li>1. <b>short press</b> – turn on water massage with the maximum output pump speed.</li> <li>2. <b>short press</b> – turn on rolling water massage (sinusoidal cycling from minimum to maximum).</li> <li>3. <b>short press</b> – turn off the water massage. The intensity of the massage (speed of the pump) can be regulated by the buttons <b>+</b>, <b>-</b></li> </ol>	<p><b>Automatic Bath filling</b></p> <ol style="list-style-type: none"> <li>1. <b>short press</b> enables the automatic bath filling with water at the temperature set on the thermostat and to the height of a water level sensor (approximately at the lower edge of the safety overflow).</li> </ol> <p>Display shows the time of filling. The maximum filling time is set to 20min as a safety measure against overflowing. If you need to add water into an already filled bath, it necessary to use bath taps or shower.</p>
 	<p><b>Airpool (air massage)</b></p> <ol style="list-style-type: none"> <li>1. press – turn on air massage with the middle speed of blower</li> <li>2. press – turn on rolling air massage (sinusoidal cycling from minimum to maximum).</li> <li>3. press – turn off air massage</li> </ol> <p>The intensity of the massage (revolutions of blower) can be regulated with <b>+</b>, <b>-</b> buttons.</p>	<p><b>Drying</b></p> <ol style="list-style-type: none"> <li>1. press - enables drying of air massage distribution system with slow start of blowers. The drying time is set to 20s. <i>The time of drying is showed on the display.</i></li> </ol> <p>Repressing the button again turns off the drying earlier.</p>
	<p><b>Setting revolutions of compressor or pump</b> Increases/ Decreases intensity of water or air massage. If both the water and air massage are running at the same time, sets the last used function.</p>	<p><b>Setting actual time</b> (in the regime of image of the real time: no massage is on)</p> <ol style="list-style-type: none"> <li>1. <b>long press</b> button <b>+</b> (hours are flashing) to adjust the hours</li> <li>2. buttons <b>+</b>, <b>-</b> can adjust the value</li> <li>3. <b>long press</b> button <b>+</b> will save the value into the memory</li> </ol> <p>The set of minutes is analogical, but it is done with button <b>-</b></p>
	<p><b>The set of lasting of the massage</b> (in the regime of image of the real time: no massage is on)</p> <ol style="list-style-type: none"> <li>1. <b>The long press</b> of the appropriate massage button reverts into the timer mode.</li> <li>2. With button <b>+</b> we can add 5 more minutes</li> <li>3. With button <b>-</b> we can take away 1 minute</li> <li>4. <b>The long press</b> will remember the set value. After switching the massage on the time of massage is taken away from set value and when it approaches zero, massage is automatically switched off.</li> </ol>	

