

Congratulations on having selected a bathtub from the new Teuco Hydrosonic line. Hydrosonic: the first whirlpool with ultrasound. We are confident that regular use of the Hydrosonic will help people to take proper care of their bodies. To feel more vitalized and better about themselves.

Working in collaboration with a pool of researchers, medical experts and engineers, Teuco has dedicated years of study and effort to this project, and continued to improve it.

The Teuco Hydrosonic is manufactured from high quality materials, with every appliance undergoing a series of tests to guarantee faultless operation and safe use in the home.

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USE AND MAINTENANCE MANUAL


- This manual provides a guide for the safe use of your Teuco Hydrosonic bathtub. As such, it should be read through carefully and in its entirety before using the product.
- The manual constitutes an integral part of the product and must be kept for future reference.
- Teuco Guzzini SpA reserves the right to make such changes as are deemed appropriate without prior notice and without any obligation to update.


MEDICAL AND SCIENTIFIC COMMITTEE

- Dr Giuseppe Bonaldi, Head surgeon and Neuroradiologist, Circolo Hospital and Macchi Foundation, Varese.
- Dr Enzo Berardesca, Specialist in Dermatology, Dermatology Clinic, University of Pavia.
- Dr Raffaele Novario, Specialist in Health Physics and Health Physics service consultant, Circolo Hospital, Varese.
- Dr Alfredo Goddi, Specialist in Radiology at S.M.E., Varese.

TEUCO QUALITY

Teuco takes the greatest care over the materials used in its products, making technological improvements continuously both to the plastics utilized, and to details of construction. All tubs are fashioned from cast acrylic resin: the frame is steel, with antivibration mounts; pipelines are of high strength material.

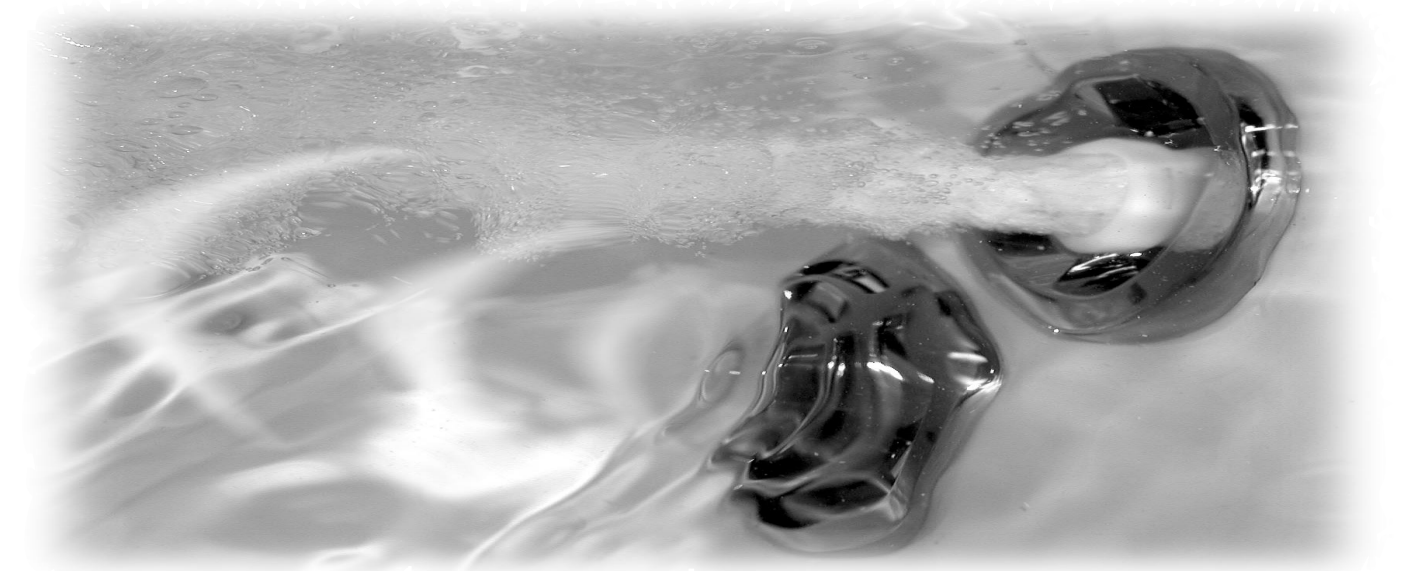
Teuco whirlpool bathtubs carry the  mark, indicating that they are designed and manufactured in accordance with the essential requirements of European directives 73/23 - 93/68 on electrical safety and 89/336 - 92/31 - 93/68 on electromagnetic compatibility.

The safety of Teuco whirlpool systems is also certified officially by  (Italian Quality Mark Institute) as being in compliance with the application of current European standards.

ABOUT THE HYDROSONIC MASSAGE

Hydrosonic represents an evolution of the familiar whirlpool. In essence, the conventional whirlpool stream of air and water is combined with a wide beam of ultrasound radiating from a single source.

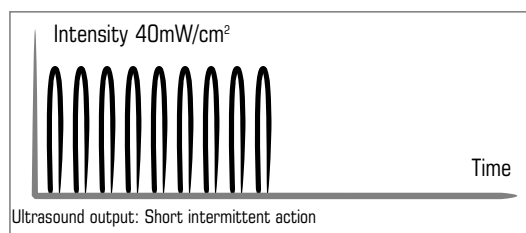
The action of the ultrasound complements the surface massage of the traditional whirlpool by adding a deep-penetrating massage that passes through the epidermal layers, stimulating the individual cells of the subcutaneous tissue. Ultrasound waves have two different effects on the body: a thermal effect deriving from vibrations induced in the cell structure, and a mechanical effect generated by rapidly alternating contraction and dilation of the cells.



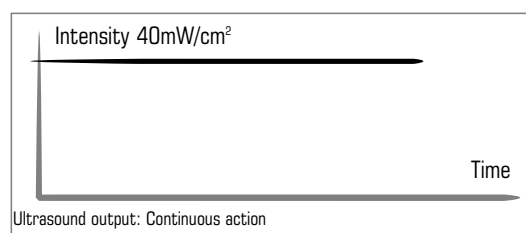
THE FOUR TYPES OF HYDROSONIC MASSAGE

The user of a Hydrosonic bathtub can enjoy four different types of massage delivering specific benefits, selected by varying the ultrasound output. Each Hydrosonic massage is characterized by a particular air-and-water combination that enhances the effects of the ultrasound massage.

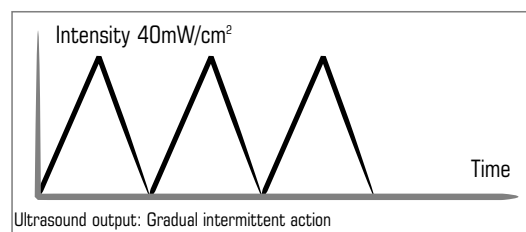
Beauty Massage - this uses a pulsed output that favours the mechanical effect of the ultrasound, though thermal energy is still generated. In reality it is the cells that are massaged, stimulated into action and caused to shift alternately toward and away from one another. These micrometric movements eliminate residual metabolized substances, combating one of the causes of cellulite.



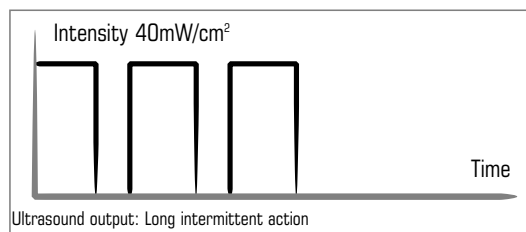
Aftersport Massage - exploits the potential of ultrasound to generate heat, loosening and relaxing contracted muscles.



Toning Massage - a special sawtooth waveform is generated to produce this kind of massage, which tones and energizes by stimulating cell metabolism.



Antistress Massage - a relaxing function obtained by balancing the mechanical and thermal effects of ultrasound to produce a micrometric cell massage.



WHEN AND HOW TO USE THE TEUCO HYDROSONIC

- Given the relaxing and invigorating effects of a Teuco Hydrosonic massage, doubtless the best time for a session is after sport or physical exercise, although not on a full stomach and never before food has been properly digested.
- The temperature of the water needs to be around 37 °C to obtain maximum benefit from the massage.
- In the case of new users, most especially, whirlpool sessions should be restricted to just a few minutes. Thereafter, the duration can be increased gradually, but always subject to the user's general physical fitness.
- The duration of Hydrosonic massages is preset to 15 minutes (the optimum length of time for the combined whirlpool and ultrasound action).
The recommended duration for a conventional whirlpool massage is around 15/20 minutes.

TEUCO HYDROSONIC - TECHNOLOGY AND SAFETY

All Teuco HYDROSONIC bathtubs are designed to offer unmatched quality, functional advantage, safety and hygiene.

HYDRO CLEAN SYSTEM

When the tub is used for a normal soaking bath, the jets and suction valve are designed to close automatically, guaranteeing a watertight seal that isolates the whirlpool system from soapsuds or other foreign matter.

DRAINAGE SYSTEM

Eliminates any risk of water being left in the system after using the Hydrosonic, so as to avoid the formation of lime scale and leave the bathtub perfectly clean.

AUTOMATIC DISINFECTION

Guarantees total hygiene of the whirlpool system and the bathtub after a Hydrosonic massage session by generating a flow of cleansing fluid that sterilizes the pump, the jets and the surface of the tub.

TEUCO HYDROSONIC AND SAFETY

To ensure total peace of mind when using the Hydrosonic bathtub at home, Teuco includes the following safety features:

- Ultrasound generator inhibited immediately in the event that output should exceed 40mW/cm² for any reason.
- Ultrasound generator inhibited immediately in the event of the protective grille becoming detached for any reason.
- Entire system prevented from starting up when there is no water in the tub, or if the level is too low.
- The product is manufactured in compliance with current European standards.

WARNINGS

- To ensure the appliance is correctly installed, follow all the instructions in the accompanying installation manual with due care. Incorrect installation may result in injury to persons and animals or damage to property. The manufacturer declines any liability for injury or damage attributable to incorrect installation.
- For proper use of the appliance, follow the instructions given in this manual. This appliance must be used only for the purpose for which it was designed. The manufacturer declines any liability for injury or damage attributable to improper use.
- Only adult persons should use the appliance. Children and the disabled may use the Hydrosonic, but under constant supervision. For special cases (elderly people, those with high blood pressure or heart disease, and pregnant women) seek medical advice before using the Hydrosonic.
- When taking a Hydrosonic massage, no toiletries of any description should be added to the water (salts, oils, bubble bath, etc). Only when using the whirlpool system without ultrasound can substances be added to the water; in this instance use special essences made by Teuco, available from dealers and through Authorized Service Centres. It is important never to use bubble bath or other foamable toiletries when the whirlpool is in operation; these can be added to bath water when the whirlpool is not in use.
- Take care, with the whirlpool system in operation, that the suction valve is never obstructed by any object or part of the body, and in particular, keep hair well clear.
- Do not block the air intake (on panelled versions, the space between the floor and the panel; on built-in versions, the vents of the inspection panel).
- When not in use, isolate the Hydrosonic system from the electrical power supply at the thermal-magnetic RCD switch installed up-line of the appliance.
- In the event of breakdown or malfunction occurring during the warranty period, contact a Teuco technician or authorized service centre only. The manufacturer declines any liability for damage or injury caused by appliances that have been tampered with or incorrectly repaired.

Instructions for use

PARTS OF THE HYDROSONIC

Remote control

Waterproof and unsinkable.



Control panel

incorporates the display indicating operation of the system, the alarm button and the Quick Start button (Whirlpool Quick Start).

Taps

Dispenser cap

cleansing fluid container.



Whirlpool jet

The jet bosses are adjustable for direction to suit personal preference.
The rate at which water flows from the single jet can be controlled by rotating the nozzle.



Care must be taken not to aim the jets directly at the suction valve; this could depressurize the system and adversely affect its performance.



Hand-held shower
with pull-out shower hose

Underwater light

Pop-up waste handle
Opens and closes the pop-up waste

Suction valve
Connects with the pump circulating
water from the tub back to the jets

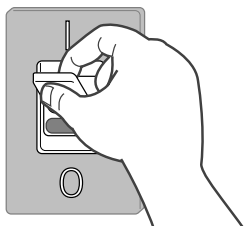
Hydrosonic jet
Ultrasound generator



Blower jet

PRELIMINARY OPERATIONS

POWERING-UP THE SYSTEM



Position the isolating switch (fitted during installation) to ON. The display goes into STAND-BY mode, showing the exact time.



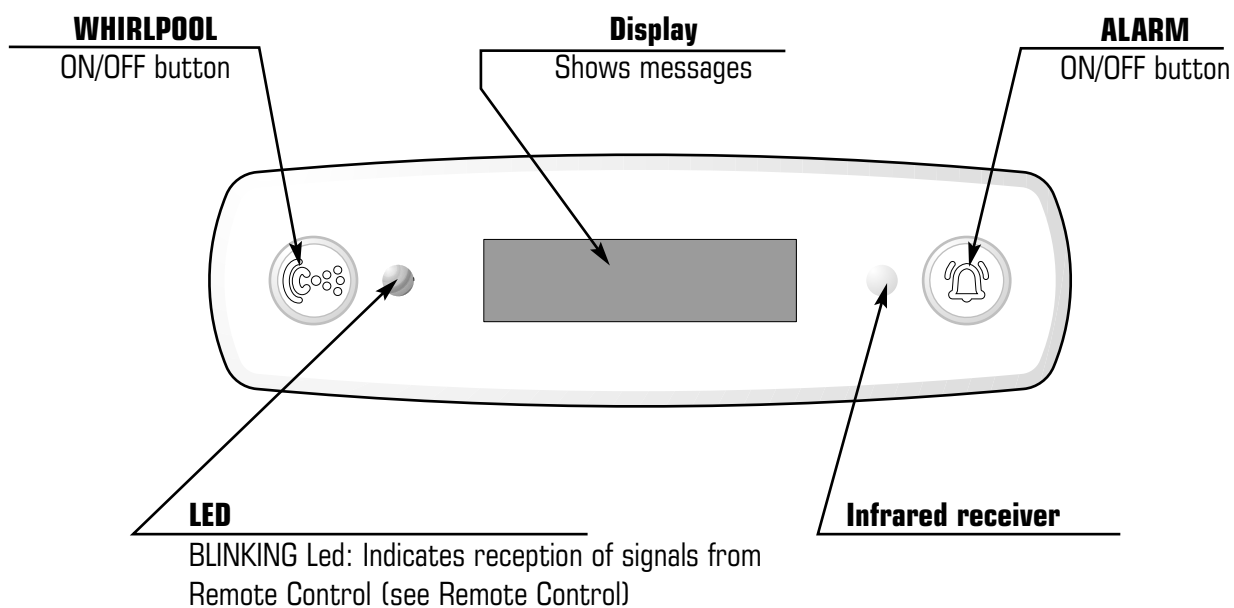
Display indicating **STAND-BY** status

FILLING THE TUB



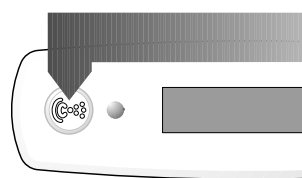
Fill the tub until the water covers the jets.

DETAILS OF CONTROL PANEL AND DISPLAY



WHIRLPOOL QUICK START

Once the system has been powered up, the whirlpool function can be activated by pressing a single button at the control panel. The function maintains the settings most recently stored (see WHIRLPOOL).



To **start** the whirlpool, press the "HYDRO" button.

The whirlpool starts and the display shows:

15 36°C 20:30
WHIRLPOOL

Display indicating Whirlpool
in progress

The exact **time**.

The **temperature** of the water in the tub.

The **duration** of the whirlpool session (TIMER) in minutes.

Whirlpool in progress.

15 36°C 20:30
WHIRLPOOL

Display indicating Whirlpool
in progress

To make adjustments, use the remote control
(see REMOTE CONTROL).

When the whirlpool has finished, the system shuts off and the display reverts to STAND-BY. DISINFECTION of the system is not carried out (see DISINFECTION).

20:30

Display indicating STAND-BY
status

To **cut the session short**, press HYDRO a second time or use the remote control (see REMOTE CONTROL: Preliminary Operations); the system shuts off and the display reverts to STAND-BY.

ALARM

The ALARM can be activated directly from the control panel.

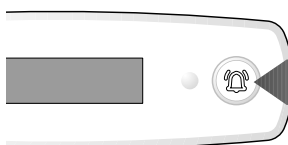
The alarm locks up the system, shutting off any functions currently selected, and can also activate a bell or other sounder, provided that this is already installed (see directions for installing the tub).



To **activate** the alarm, press the "ALARM" button.

A L A R M

Display indicating "ALARM"
status



To **reset** the system, press the HYDRO button or the I/O button on the remote control; the display reverts to STAND-BY mode and the system shuts off.

20:30

Display indicating
STAND-BY status

DETAILS OF REMOTE CONTROL

Infrared emitter

O/I - ON/OFF button
Switches the control panel ON and OFF

FUNCTIONS

- HYDROSONIC:** Hydrosonic ON/OFF button
- HYDRO:** Whirlpool ON/OFF button
- BLOWER:** Blower ON/OFF button (This button is included only on certain versions - see bottom of page)

ADJUSTMENTS

- “▼” and “▲”:** Buttons used to select/adjust functions
- ENTER:** Button used to confirm selections/settings

ACCESSORIES

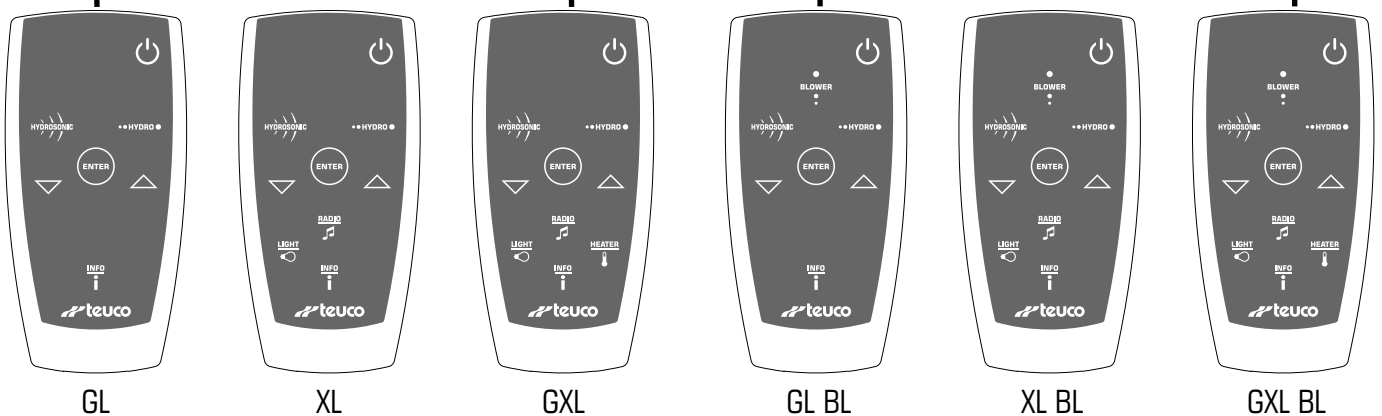
These buttons are included only on certain versions - see bottom of page

- LIGHT:** Underwater light ON/OFF button
- RADIO:** Radio On/Tune/Off button
- INFO:** Button used to access settings
 - Change display CLOCK setting
 - Select display LANGUAGE
- HEATER:** Heater ON/OFF button

GXLWBL version

HYDROSONIC versions

HYDROSONIC + BLOWER versions



SWITCHING ON FROM THE REMOTE CONTROL



To **switch on**, press the "O/I" button; the welcome message will appear in the control panel display for a few seconds.

Thereafter, the display goes into READY mode; the system can now be used (see HYDROSONIC, WHIRLPOOL or BLOWER).

To **switch off** the panel, press the "O/I" a second time:

if no cycle **has been selected**, whether Hydrosonic, Whirlpool or Blower, the system shuts off and the display reverts to STAND-BY.

if **at least one cycle has been selected**, whether Hydrosonic, Whirlpool or Blower, a message will be displayed prompting DISINFECTION (see DISINFECTION).

WELCOME TO
HYDROSONIC

36°C 20:30
READY

**Display indicating
READY status**

20:30

**Display indicating
STAND-BY status**

START
DISINFECTION?

**Display prompts for
Disinfection**

AUTOMATIC SHUTOFF:

If no control panel or remote control button is pressed within 30 minutes following power-up or since the last function was active (TIMER setting) the system shuts off and the display reverts to STAND-BY. DISINFECTION of the system is not carried out (see DISINFECTION).

BLOWER function



**Special whirlpool essences made by Teuco can be used when the Blower is in operation.
Do not use soaps, bath oils or other foamable products.**

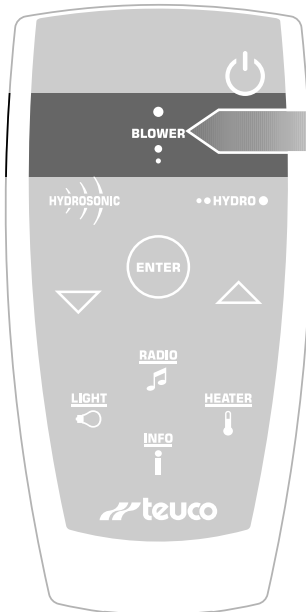


STARTING THE BLOWER

Pressing the "O/I" button to switch on, the display goes into READY mode.

36°C 20:30
READY

Display indicating READY status



Press the "BLOWER" button to activate the function. The Blower starts and the display shows:

The exact **time**.

The **temperature** of the water in the tub.

The **duration** of the blower session (TIMER) in minutes.

Blower in progress.

15 36°C 20:30
BLOWER

Display indicating Blower in progress

When the Blower has finished, the system shuts off and the display reverts to READY.

36°C 20:30
READY

Display indicating READY status

To **cut the session short**, press the BLOWER button a second time; the system shuts off and the display reverts to READY.



DRAINING THE BLOWER SYSTEM



To ensure the blower system drains completely, activate the BLOWER function after the tub has emptied so as to dry out the pipelines.

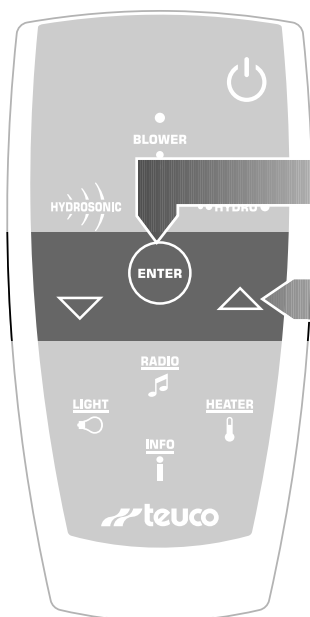
Also,

15 minutes after unplugging the waste, the control panel will power up again; the BLOWER function starts up at maximum speed, then switches off after 10 seconds (control panel reverts to stand-by).

BLOWER SETTINGS

With the BLOWER in operation, the user can:

- Adjust the air flow
- Change the duration of the Blower session



15 36°C 20:30
BLOWER

**Display indicating Blower
in progress**

BLOWER
AIR ████▣▣▣▣▼

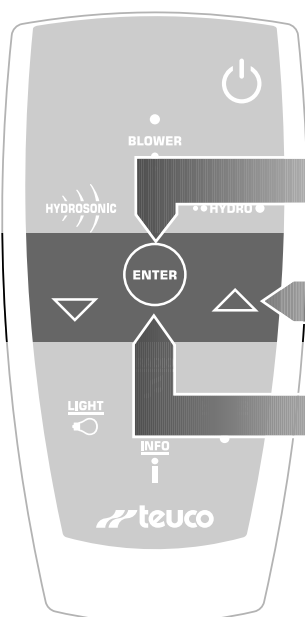
BLOWER
TIMER 30m▲

Blower menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Blower menu remains active, the display reverts to the massage currently selected.

ADJUSTING THE AIR FLOW



Select AIR from the Whirlpool menu.

BLOWER
AIR ████▣▣▣▣▼

Blower menu

Press "ENTER"
the display will show the Air adjustment scale.

15 36°C 20:30
AIR ██████████

AIR adjustment display

Use the "▲" and "▼" buttons to increase or reduce the flow of air.

Confirm the selection by pressing "ENTER"
the display will revert to the Blower menu.

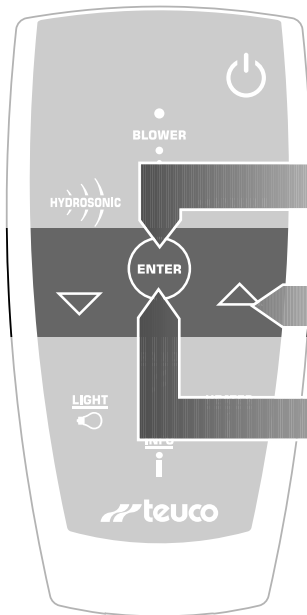
BLOWER
AIR ████▣▣▣▣▼

Blower menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Air menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Blower menu.

CHANGING THE DURATION OF THE BLOWER SESSION



Select TIMER from the Blower menu.

Press "ENTER"
the display will show the Timer.

Use the "▲" and "▼" buttons to increase or reduce
the duration between 1 and 30 minutes.

Confirm the selection by pressing "ENTER"
the display will revert to the Blower menu.

```
BLOWER
TIMER      30m▲
```

Blower menu

```
BLOWER
TIMER      30m
```



Display showing TIMER

```
BLOWER
TIMER      30m▲
```

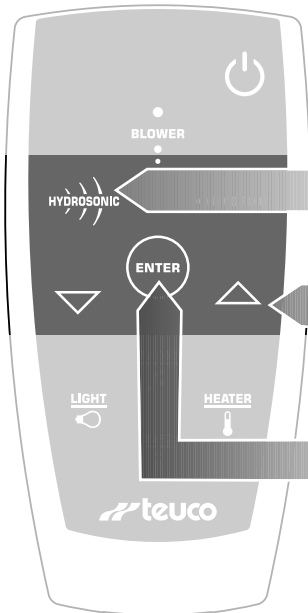
Blower menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Timer menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Blower menu.


When using the Hydrosonic function, nothing must be added to the water in the tub.


STARTING THE HYDROSONIC



Pressing the "O/I" button to switch on, the display goes into READY mode.



Display indicating READY status

Press the "HYDROSONIC" button the display will show the Hydrosonic menu.



Use the "▲" and "▼" buttons to select the desired massage.



HYDROSONIC menu

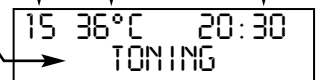
Start the massage by pressing "ENTER". The massage starts and the display shows:

The exact **time**.

The **temperature** of the water in the tub.

The **duration** of the massage, which is 15 minutes (TIMER) and cannot be altered.

Hydrosonic massage in progress.



Display indicating Hydrosonic in progress

AUTOCONFIRM: if no selection is made within 5 seconds of accessing the Hydrosonic menu, the system will proceed to activate the massage displayed.

When the Hydrosonic massage has finished, the system shuts off and the display reverts to READY.



Display indicating READY status

To **cut the session short**, press "HYDROSONIC" a second time; the system shuts off and the display reverts to READY.

MESSAGE DOES NOT START!!!

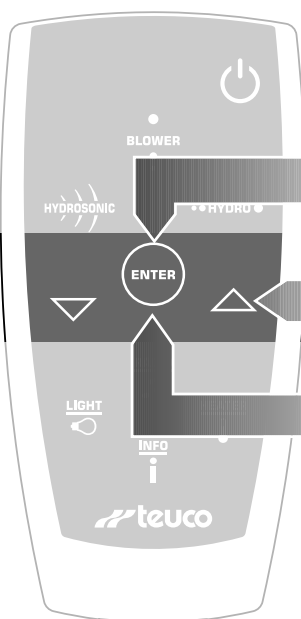


If the message "ADD WATER" is displayed, fill the tub to the level at which the selected massage is able to start.



Display in DIAGNOSTICS mode

ADJUSTING THE AIR FLOW (AFTERSPORT MASSAGE ONLY)



The air flow can be adjusted while the AFTERSPORT function is active.

Press "ENTER"
the display will show the Air adjustment scale.

Use the "▲ and ▼" buttons to increase or reduce the flow of air.

Confirm the selection by pressing "ENTER"
the display reverts to the massage currently selected.

15 36°C 20:30
AFTER SPORT

**Display indicating
Hydrosonic in progress**

AFTER SPORT
AIR

AIR adjustment display

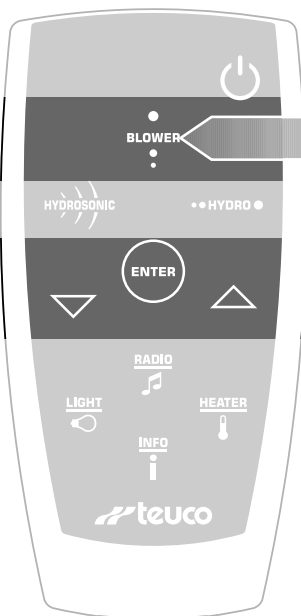
15 36°C 20:30
AFTER SPORT

**Display indicating
Hydrosonic in progress**

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Air menu remains active, the current setting AUTOCONFIRMS and the display reverts to the massage currently selected.

HYDROSONIC + BLOWER



The Hydrosonic and Blower functions can be used together.

Press the "BLOWER" button to activate the function.

The letters BL are displayed alongside the selected massage.

The TIMER setting that controls the Blower is fixed at 15 minutes, the same as for the Hydrosonic massage, and cannot be altered.

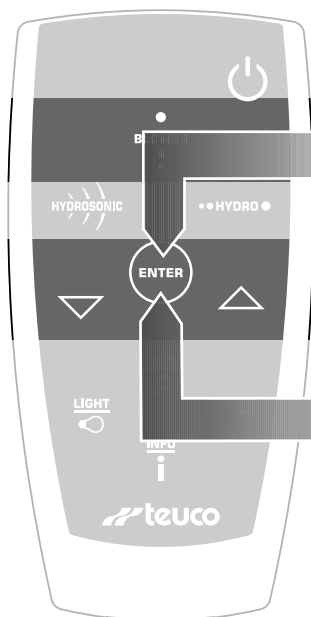
15 36°C 20:30
TONING

**Display indicating
Hydrosonic in progress**

15 36°C 20:30
TONING BL

**Display indicating
Hydrosonic + Blower in
progress**

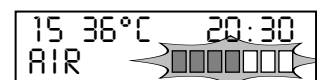
ADJUSTING THE BLOWER AIR FLOW (DURING TONING, ANTISTRESS AND BEAUTY MASSAGE)



Press "ENTER"
the display will show the Air adjustment scale.

Use the "▲" and "▼" buttons to adjust the air flow, and

Confirm by pressing "ENTER".

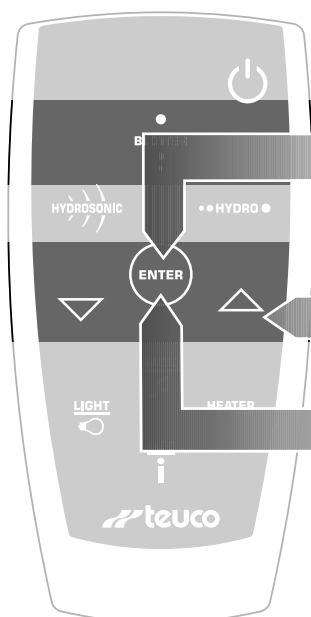


AIR adjustment display

ADJUSTING THE BLOWER AIR FLOW (DURING AFTERSPORT MASSAGE)

During an AFTERSPORT + BLOWER massage the use can:

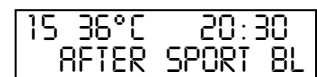
- Adjust the AFTERSPORT massage air flow
- **Adjust the BLOWER massage air flow**



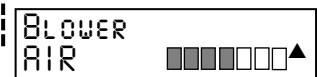
Press "ENTER"
The display will show the Aftersport and Blower Air adjustment menu.

Select the setting to be changed using the "▲" and "▼" buttons

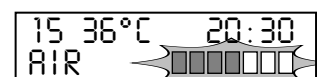
Press "ENTER"
the display will show the Air adjustment scale.
(see BLOWER: Adjusting the Air Flow).



Display indicating Aftersport + Blower in progress



Aftersport + Blower AIR adjustment menu



AIR adjustment display

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Air menu remains active, the current setting AUTOCONFIRMS and the display reverts to the massage currently selected.

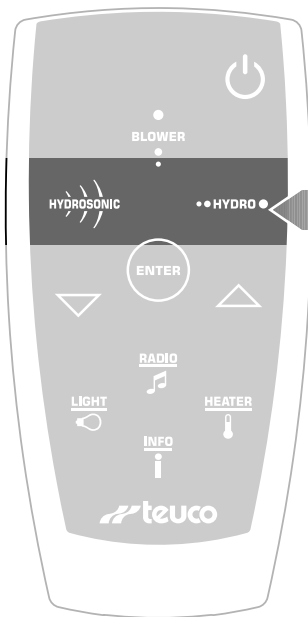
Whirlpool function



Special essences made by Teuco can be used when the whirlpool is in operation. Do not use soaps, bath oils or foamable toiletries.



STARTING THE WHIRLPOOL



Pressing the "O/I" button to switch on, the display goes into READY mode.

36°C 20:30
READY

Display indicating READY status

Start the Whirlpool by pressing the "HYDRO" button. The massage starts and the display shows:

The exact **time**.

The **temperature** of the water in the tub.

The **duration** of the whirlpool session (TIMER) in minutes (adjustable).

Whirlpool in progress.

15 36°C 20:30
WHIRLPOOL

Display indicating Whirlpool in progress

When the whirlpool has finished, the system shuts off and the display reverts to READY.

36°C 20:30
READY

Display indicating READY status

To **cut the session short**, press HYDRO a second time; the system shuts off and the display reverts to READY.

MESSAGE DOES NOT START!!!



If the message "ADD WATER" is displayed, fill the tub to the level at which the selected massage is able to start.

ADD
WATER

Display in DIAGNOSTICS mode

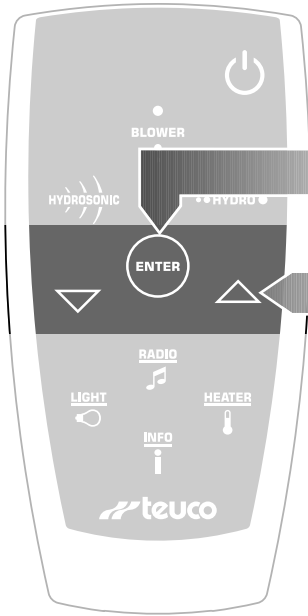
WHIRLPOOL ADJUSTMENTS

With the WHIRLPOOL in operation, the user can:

- Adjust the air flow
- Activate the PULSATOR effect
- Change the duration of the Whirlpool session

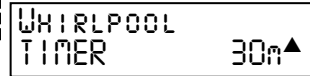


Display indicating Whirlpool in progress



Press "ENTER"
the display will show the Whirlpool menu.

Select the setting to be changed using the "▲" and "▼" buttons.



Whirlpool menu

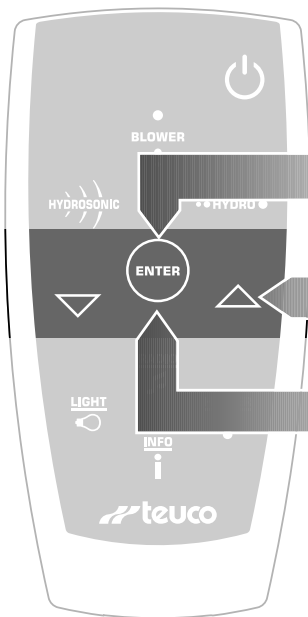
AUTOCONFIRM:
If no button is pressed for 5 seconds while the Whirlpool menu remains active, the display reverts to the massage currently selected.

ADJUSTING THE AIR FLOW

Select AIR from the Whirlpool menu.



Whirlpool menu



Press "ENTER"
the display will show the Air adjustment scale.

Use the "▲" and "▼" buttons to increase or reduce the flow of air.

Confirm the selection by pressing "ENTER"
the display will revert to the Whirlpool menu.



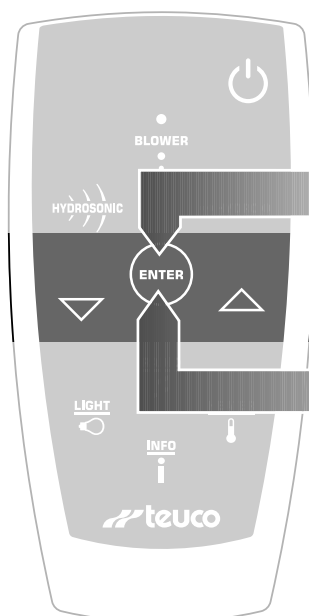
AIR adjustment display



Whirlpool menu

AUTOCONFIRM:
If no button is pressed for 5 seconds while the Air menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Whirlpool menu.

ACTIVATING THE PULSATOR EFFECT



Select PULSATOR N from the Whirlpool menu.

```
WHIRLPOOL
PULSATOR  N
```

Whirlpool menu
with PULSATOR off

Press "ENTER" to activate the PULSATOR.

The display shows PULSATOR S in the Whirlpool menu

```
WHIRLPOOL
PULSATOR  S
```

Whirlpool menu
with PULSATOR on

To **deactivate** the PULSATOR

press "ENTER" a second time from the Whirlpool menu.

The display will revert to PULSATOR N.

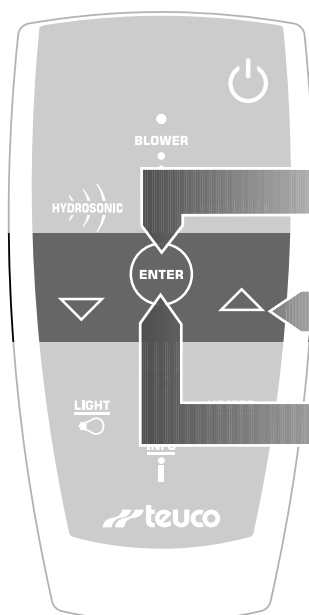
```
WHIRLPOOL
PULSATOR  N
```

Whirlpool menu
with PULSATOR off

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Whirlpool menu remains active, the display reverts to the massage currently selected.

CHANGING THE DURATION OF THE WHIRLPOOL SESSION



Select TIMER from the Whirlpool menu.

```
WHIRLPOOL
TIMER      30m
```

Whirlpool menu

Press "ENTER"

the display will show the Timer.

```
WHIRLPOOL
TIMER      30m
```

Display showing TIMER

Use the "▲" and "▼" buttons to increase or reduce the duration between 1 and 30 minutes.

Confirm the selection by pressing "ENTER"

the display will revert to the Whirlpool menu.

```
WHIRLPOOL
TIMER      30m
```

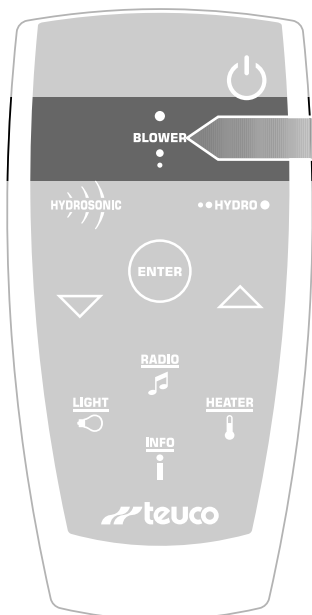
Whirlpool menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the TIMER menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Whirlpool menu.

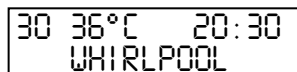
WHIRLPOOL + BLOWER

The Whirlpool and Blower functions can be used together.



Press the “BLOWER” button to activate the function.

The letters BL are displayed alongside the selected massage. The TIMER setting that controls the Blower cannot be altered, whereas the TIMER setting for the Whirlpool remains adjustable (see WHIRLPOOL - CHANGING THE DURATION OF THE WHIRLPOOL SESSION).



Display indicating Whirlpool in progress

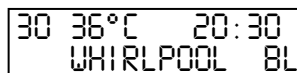


Display indicating Whirlpool + Blower in progress

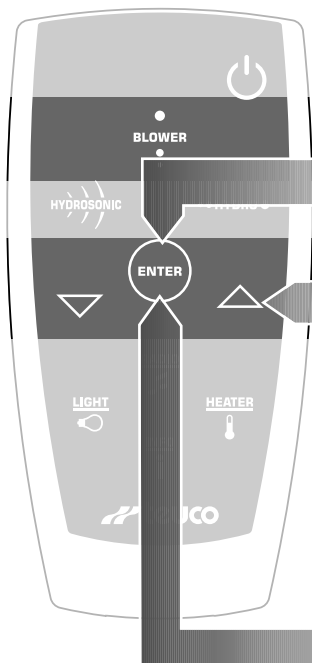
ADJUSTING THE BLOWER AIR FLOW (DURING WHIRLPOOL)

With WHIRLPOOL+BLOWER in operation, the user can:

- Adjust the WHIRLPOOL air flow
- Activate the PULSATOR effect
- Change the duration of the Whirlpool session
- **Adjust the BLOWER air flow**



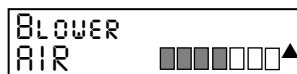
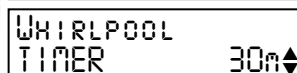
Display indicating Whirlpool + Blower in progress



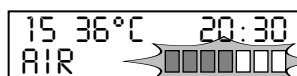
Press “ENTER”
The display will show the Whirlpool + Blower menu.

Select the setting to be changed using the “▲” and “▼” buttons.

Press “ENTER”
the display will show the Air adjustment scale.
(see BLOWER: Adjusting the Air Flow).



Whirlpool + Blower menu



AIR adjustment display

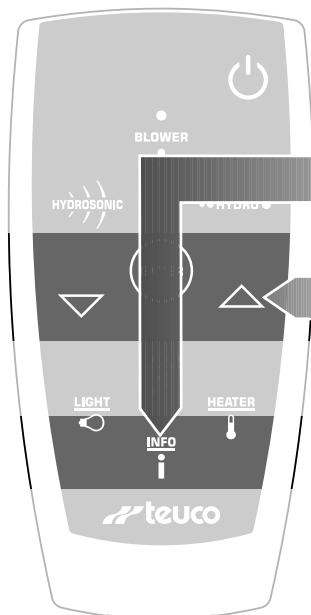
AUTOCONFIRM:

If no button is pressed for 5 seconds while the Air menu remains active, the current setting AUTOCONFIRMS and the display reverts to the massage currently selected.

Display settings - INFO

Whenever a function is activated, or the system is ready (Display showing READY) the user can:

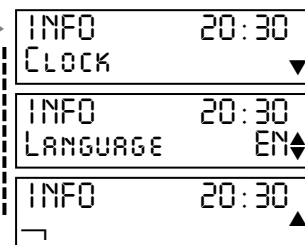
- Set the CLOCK
- Change the Language of the display



Press the "INFO" button.

The display will show the Info menu.

Select the setting to be changed using the "▲" and "▼" buttons.



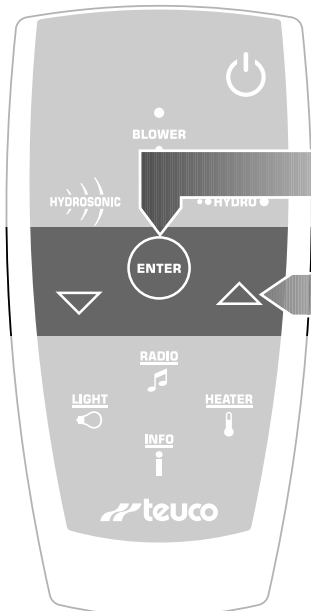
Info menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Info menu remains active, the display reverts to the previous item.

CLOCK

Select TIME from the Info menu.



Press "ENTER"

the display will show SET HOURS.

Use the "▲ and ▼" buttons to change the Hours displayed.

Confirm the selection by pressing "ENTER" the display shows SET MINUTES.

Use the "▲ and ▼" buttons to change the Minutes displayed.

Confirm the selection by pressing "ENTER" the display shows SELECT Clock MODE.

Use the "▲ and ▼" buttons to change the Clock display MODE.

Confirm the selection by pressing "ENTER" the display will revert to the Info menu.



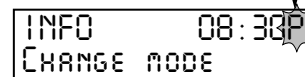
Info menu



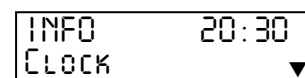
Display showing Clock



Display showing Clock



Display showing Clock

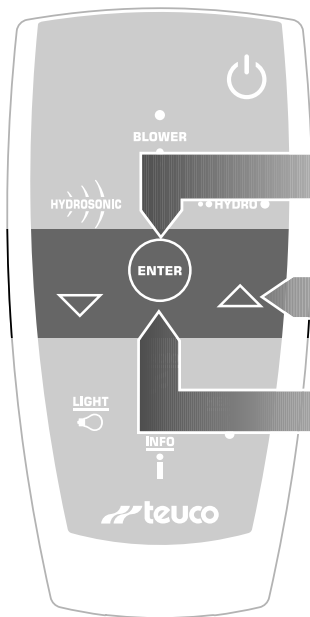


Info menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Clock menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Info menu.

LANGUAGE



Select LANGUAGE from the Info menu.

INFO	20:30
LANGUAGE	EN

Info menu

Press "ENTER"

the display shows the language currently selected.

INFO	20:30
LANGUAGE	EN

Display indicating Language

Use the "▲" and "▼" buttons to change the display language.

Confirm the selection by pressing "ENTER"

the display will revert to the Info menu.

INFO	20:30
LANGUAGE	EN

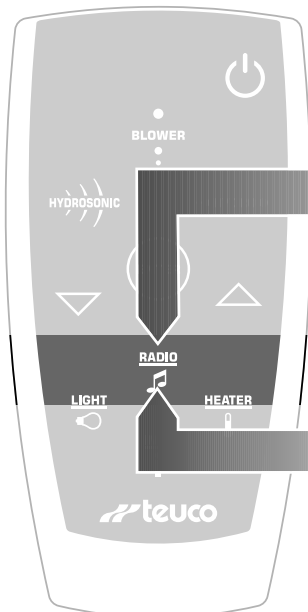
Whirlpool menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Language menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Info menu.



**The Radio will not work during DISINFECTION,
and when the system is in “Stand-by”.**



Whenever a function is activated, or the system is ready (Display showing READY) the bather can listen to the Radio.

Press the “RADIO” button to switch on.

The radio will come into operation, tuning to the last station selected.

The display indicates the “on” status of the radio for a few seconds, then reverts to the previous item.

```
15 36°C 20:30
RADIO ON
```

Display indicating Radio ON

To **switch off** the Radio, press the “RADIO” button again:

- **once**, if the Radio menu is still active
- **twice**, if the Radio function is no longer active.

```
15 36°C 20:30
RADIO OFF
```

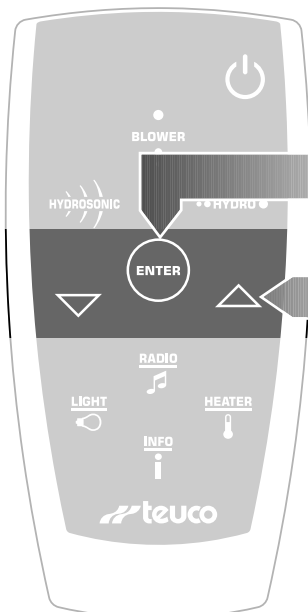
Display indicating Radio OFF

The Radio switches off, and the display indicates the “off” status for a few seconds before reverting to the previous item.

RADIO CONTROLS

Whenever the Radio is on, the user can:

- Adjust the Volume
- Select a previously stored station
- Retune
- Store a station
- Change between AM and FM bands



Press the “RADIO” button

The display will show the Radio menu.

Select the setting to be changed using the “▲” and “▼” buttons.

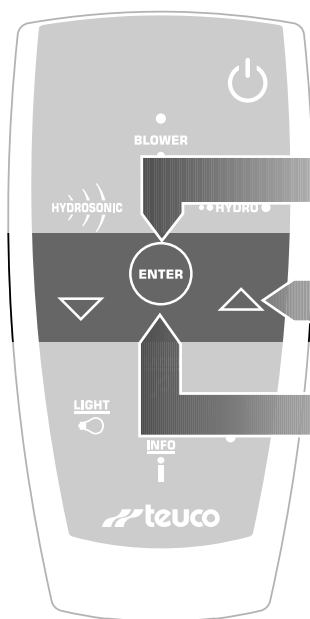
```
108.00MHz FM
Volume ████▣▣▣▣▼
108.00MHz FM
STATION SET 6◄
108.00MHz FM
TUNER ◄
108.00MHz FM
Memo ST 6◄
108.00MHz FM
BAND FM▲
```

Radio menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Radio menu remains active, the display reverts to the previous item.

ADJUSTING THE VOLUME



Select VOLUME from the Radio menu.

```
108.00MHz FM
VOLUME ████□□□▼
```

Radio menu

Press "ENTER"
the display will show the Volume adjustment scale.

```
108.00MHz FM
VOLUME ██████████
```

Volume adjustment display

Use the "▲" and "▼" buttons to raise or lower the Volume.

Confirm the selection by pressing "ENTER"
the display will revert to the Radio menu.

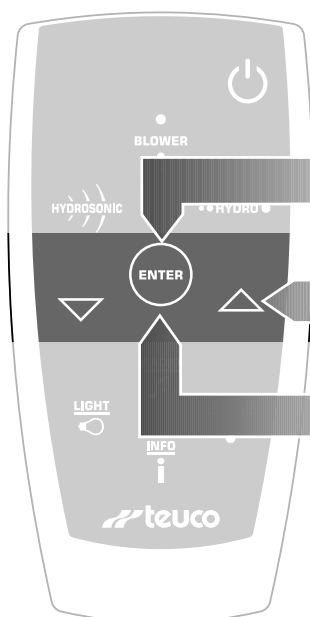
```
108.00MHz FM
VOLUME ████□□□▼
```

Radio menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Volume menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Radio menu.

SELECTING A PREVIOUSLY STORED STATION



Select SELECT ST from the Radio menu.

```
108.00MHz FM
STATION SET 6◆
```

Radio menu

Press "ENTER"
the display will show the station selection field.

```
108.00MHz FM
STATION SET 6
```

Station selection display

Use the "▲" and "▼" buttons to select a station.

Confirm the selection by pressing "ENTER"
the display will revert to the Radio menu.

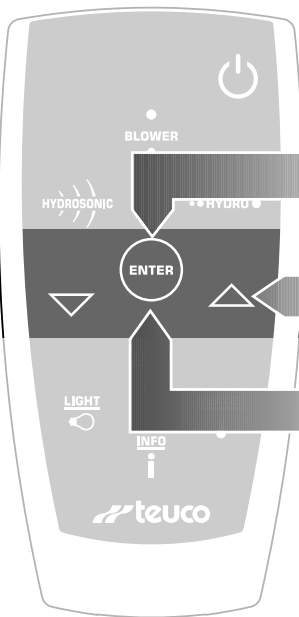
```
108.00MHz FM
STATION SET 6◆
```

Radio menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the SELECT ST menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Radio menu.

RETUNE



Select TUNE from the Radio menu.

108.00MHz FM
TUNER

Radio menu

Press "ENTER"
the display will show the Tuning indicator.

108.00MHz FM
TUNER

Tuning indicator display

Use the "▲ and ▼" buttons to start automatic Tuning.

Confirm the selection by pressing "ENTER"
the display will revert to the Radio menu.

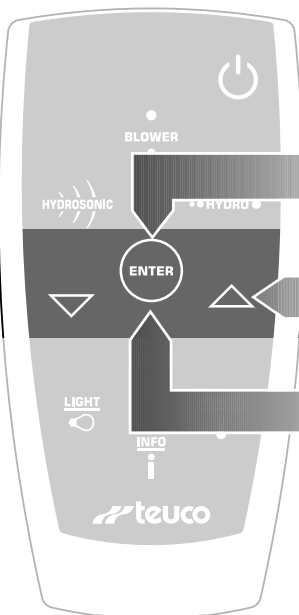
108.00MHz FM
TUNER

Radio menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the Tune menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Radio menu.

STORING A STATION



Select MEMO ST from the Radio menu.

108.00MHz FM
Memo ST

Radio menu

Press "ENTER"
the display will show the presetting function.

108.00MHz FM
Memo ST

Station preset display

Use the "▲ and ▼" buttons to select a station preset
for the displayed frequency.

Confirm the selection by pressing "ENTER"
the display will revert to the Radio menu.

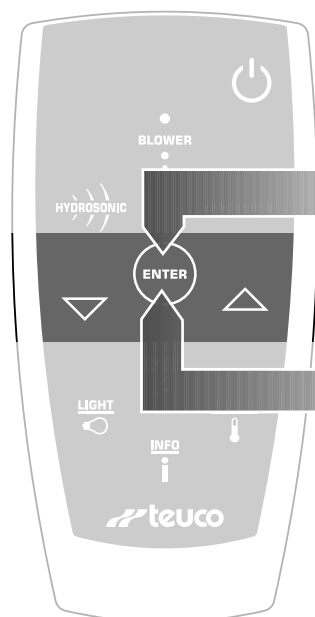
108.00MHz FM
Memo ST

Radio menu

AUTOCONFIRM:

If no button is pressed for 5 seconds while the MEMO ST menu remains active, the current setting AUTOCONFIRMS and the display reverts to the Radio menu.

CHANGING THE FREQUENCY BAND (AM/FM)



Select FM BAND from the Radio menu.

```
108.00MHz FM
BAND          FM▲
```

**Radio menu
showing FM RADIO**

Change the BAND by pressing "ENTER"
the display shows AM BAND in the Radio menu.

```
1620KHz AM
BAND          AM▲
```

**Radio menu
showing AM RADIO**

To **Change** the BAND again, press "ENTER"
a second time from the Radio menu.
The display will revert to the RADIO FM menu.

```
108.00MHz FM
BAND          FM▲
```

**Radio menu
showing FM RADIO**

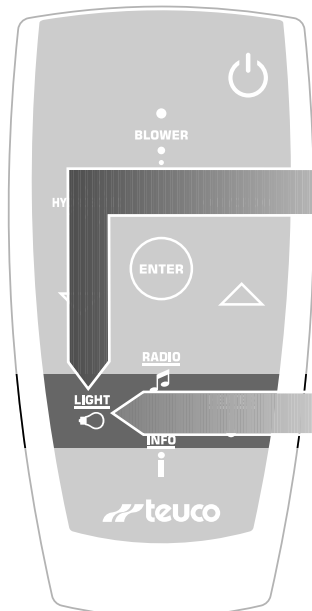
AUTOCONFIRM:

If no button is pressed for 5 seconds while the Radio menu remains active, the display reverts to the previous item.

ADDITIONAL functions

Having switched on by pressing the "O/I" button, the user can activate certain additional functions (available only on certain versions: see under DETAILS OF THE REMOTE CONTROL).

UNDERWATER LIGHT



Whenever a function is activated, or the system is ready (Display showing READY) the user can switch on the underwater light.

Switch on by pressing the "LIGHT" button.

As the light comes on, the display will indicate its "on" status for a few seconds, then revert to the previous item.

15 36°C 20:30
LIGHT ON

Display indicating Light ON

Switch off by pressing the "LIGHT" button.

When the light goes out, the display will indicate its "off" status for a few seconds, then revert to the previous item.

15 36°C 20:30
LIGHT OFF

Display indicating Light OFF

UNDERWATER LIGHT DOES NOT COME ON!!!

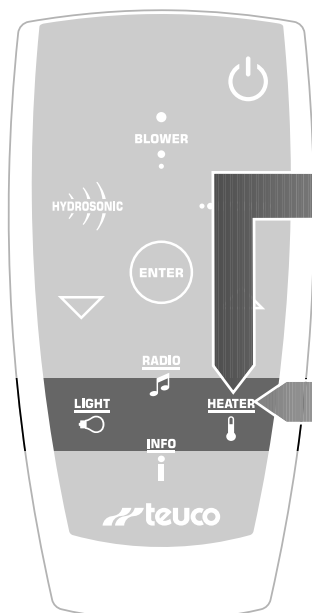


If the message "ADD WATER" is displayed, fill the tub to the level at which the underwater light comes on.

ADD
WATER

Display in **DIAGNOSTICS**
mode

HEATER



Whenever a WHIRLPOOL or HYDROSONIC function is activated, the user can switch on the heater to keep the water in the bathtub at a steady temperature.

Press the "HEATER" button to switch on.

As the heater comes on, the display will indicate its "on" status (#) for a few seconds, then revert to the previous item.

15 36°C# 20:30
HEATER ON

Display indicating Heater ON

Press the "HEATER" button to switch off.

The heater switches off, and the display indicates the "off" status for a few seconds before reverting to the previous item.

15 36°C 20:30
HEATER OFF



Display indicating Heater OFF

AUTOMATIC SHUTOFF:

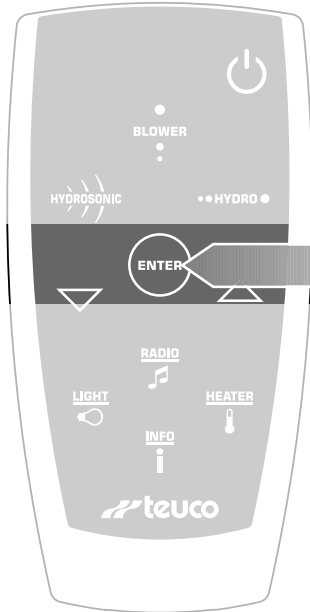
When the function currently selected ceases operating, the heater will also shut off.

DISINFECTION

When the system is switched off using the "O/I" button and after at least one Hydrosonic, Whirlpool or Blower cycle has been selected, a DISINFECTION cycle will follow.

 **During Disinfection, both the remote control and the control panel are deactivated except for the "O/I" and "ALARM" buttons, which can be used to suspend the Disinfection cycle at any given moment.** 

RUNNING THE DISINFECTION CYCLE



Be sure to VACATE THE BATHTUB before Disinfection takes place.

Press "ENTER" to start the Disinfection.

The display shows a warning message for a few seconds.

To **postpone** the disinfection cycle, press the "O/I" button. The system shuts off and the display reverts to STAND-BY.

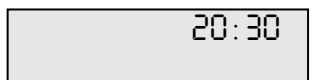
Thereafter, the display indicates Disinfection in progress;

The disinfection cycle is automatic and includes the following steps:

- whirlpool system operates for 1 minute approximately, with cleansing fluid supplied from the dispenser;
- pause of 10 minutes allowing disinfectant action;
- suction valve closes.

When the Disinfection cycle has finished, the system shuts off and the display reverts to STAND-BY.

Turn the handle of the pop-up waste to empty the tub.



DISINFECTION DOES NOT START!!!



If the message "ADD WATER" is displayed, fill the tub to the level at which the Disinfection cycle is able to start.



DISINFECTION DOES NOT START!!!



If the message “ADD DISINFECTANT” is displayed, replenish the dispenser with liquid so that the Disinfection cycle is able to start.

Remove the Disinfectant dispenser cap, turning anticlockwise.

ADD
SANITIZER

Display in **DIAGNOSTICS**
mode

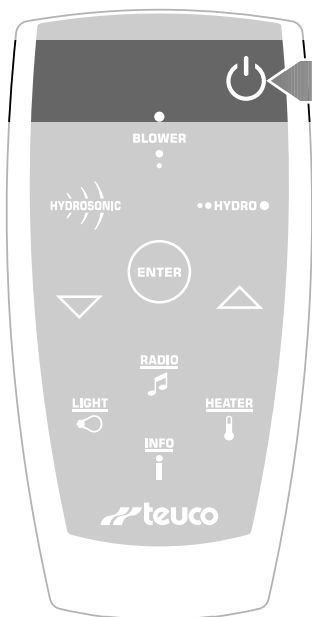


Fill the container with Disinfectant so that the function can start.

Replace and secure the dispenser cap.

Use **ONLY** disinfectant solution supplied by Teuco.

POSTPONING THE DISINFECTION CYCLE



To **postpone** the disinfection cycle, press the “O/I” button. the system shuts off and the display reverts to STAND-BY.

Turn the handle of the pop-up waste to empty the tub.

START
DISINFECTION?

Display showing Disinfection
prompt

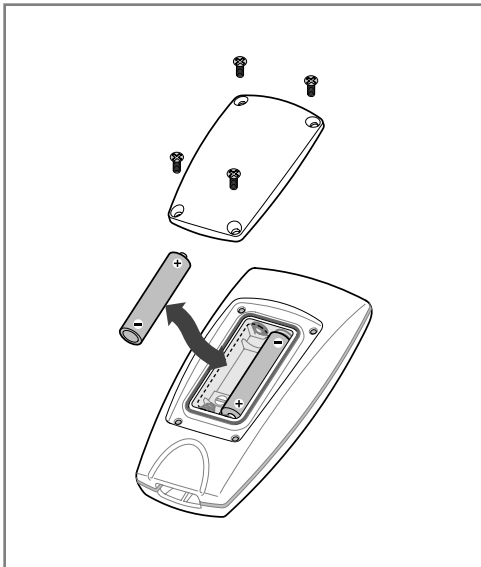
20:30

Display in **STAND-BY** mode

AUTOMATIC SHUTOFF:

If there is no response within 5 seconds when the display prompts START DISINFECTION?, the system shuts off and the display reverts to STAND-BY. DISINFECTION of the system is not carried out.

REPLACING THE REMOTE CONTROL BATTERIES



To replace the batteries of the Remote Control, undo the four screws and remove the protective cover.

Remove the spent batteries and replace with two new ones, type AAA-1.5V.

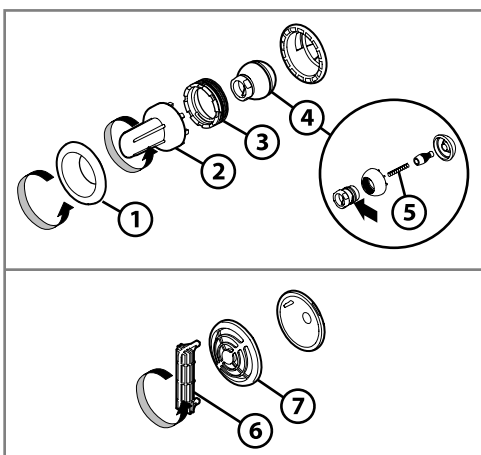
Be certain to maintain the polarity as indicated when fitting the new batteries to the remote control.

Refit the cover, taking care to position the waterproof seal correctly.

Do not dispose of used batteries as normal refuse; place them in designated collection bins.



CLEANING THE HYDROSONIC AND WHIRLPOOL JETS



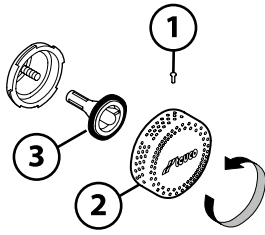
Remove the protective grilles using the special keys provided (2 - Whirlpool jets; 6 - Hydrosonic jets).

For cleaning purposes, use water only.

The ball (4 - Whirlpool jet) can be dismantled further by unscrewing the nozzle and pressing the locking tab at the point indicated by the arrow.

To ensure smooth operation of the Whirlpool jet, refit the nut (3) and tighten without forcing.

CLEANING THE SUCTION VALVE



Remove the safety screw (1).
Remove the grille (2) by rotating anticlockwise.
Unscrew the valve element (3).
For cleaning purposes, use water only.

When reassembling, make sure that the valve element (3) is screwed fully home. Refit the safety screw (1).

In the event of breakdown or malfunction (e.g. system fault, replacement of lamp for underwater light, problems with pump, control unit, power unit...) contact the nearest Teuco Authorized Service Centre (see list attached).
The company will acknowledge no liability for damage to appliances that have been tampered with.

CLEANING OF SURFACES

See CLEANING INSTRUCTIONS manual attached.

If any part of the appliance fails to operate as it should, call the nearest Teuco Authorized Service Centre (see list attached).

DIAGNOSTICS MESSAGES

The appliance is equipped with various safety features which monitor the operation of the system.

In the event of malfunction, a controller automatically deactivates the function currently in use.

The type of error detected is shown on the bottom line of the display.

Certain kinds of trouble can be rectified without calling in a technician; the following table indicates the action to take when a function locks up.

TROUBLE OR FAULT	CAUSE	ACTION
ADD WATER	Whirlpool system prevented from starting up due to insufficient water in tub.	Fill the tub with water to the minimum level allowing the system to self-activate.
ADD SANITIZER	Disinfection cycle prevented from starting due to insufficient liquid in dispenser.	Replenish the dispenser with liquid disinfectant supplied by Teuco.
LOW PRESSURE	Suction valve blocked.	Clean the suction valve (see maintenance heading).
ERR 20	Hydrosonic jet bosses incorrectly positioned	Make certain the Hydrosonic jet bosses are correctly positioned.

If the display indicates a fault other than those mentioned in the table, the system needs to be RESET as follows:

- isolate the appliance from the power supply
- reconnect power after a few seconds
- select the function which locked up previously.

If the fault persists, call the nearest Teuco Authorized Service Centre (see list attached).