



**INSTRUCTIONS**

# **Installation and Start-Up**

## **LEX 1500 Connect Single Water Softener**



**Haustechnik mit System**

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## Scope of delivery LEX 1500 Connect Single Water Softener



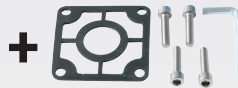
1 cabinet with salt tank

### Note

The accessories are in the salt tank of the LEX 1500 Connect system.



1 x bypass valve  
incl. flange seal and screws



4 x seals



1 set John-Guest connecting angle,  
preassembled



1 angle bushing with accessory



2 sets connection fittings



2 connection hoses



1 coil regeneration hose



1 control unit



1 power plug

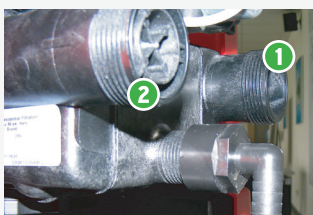
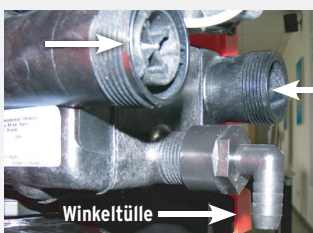
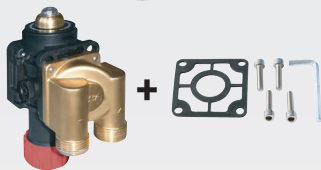
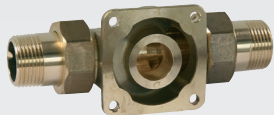


1 cover

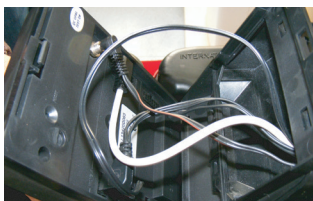
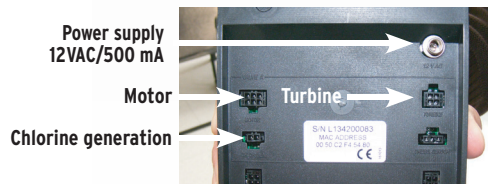


1 hardness testing equipment

## Installation LEX 1500 Connect Single Water Softener



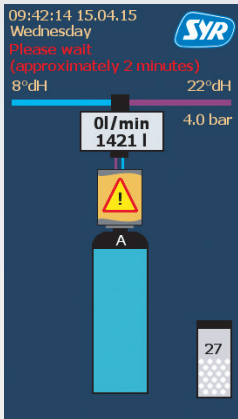
Shut-off valve



1. Mount the rotating flange (DN 20 - DN 32) in the installation. Observe the enclosed additional mounting instructions for the flange!  
**Attention: Der Flange ist nor includes in delivery!**
2. Mount the bypass valve to the rotating flange (DN 20 to DN 32). Make sure that the flange seal is seated properly.
3. Remove the John-Guest connection angle from the brine pipeline. Seal the John-Guest connection angle into the control head and connect the brine pipe previously directed out of the salt tank with the angle. Note: **use only Teflon tape as a sealant for the control head's male thread (synthetic thread!).**
4. Fit the angle socket to the control head's flushing water connection piece - **use only Teflon tape as a sealant.** When dividing the enclosed transparent hose, make sure to have adequate lengths for the flushing and overflow connections. Connect the corresponding transparent hose to the mounted angle socket (as the flushing water connection piece is submitted to pipe pressure, use the enclosed hose clamp). Direct the hose end to the on-site drain connection.
5. Fit both threaded unions hand-tight to the control head's connections **1 + 2**. Ensure that the socket (marked with a label) is fitted with the check valve to the inlet **1**. **Note:** make sure that the strap of the Hall sensor at the control head's outlet remains in place. Connect the flexible connection hoses (**A** to **1** and **B** to **2** – observe the correct direction of flow!) to the bypass valve's connections and the control head's threaded unions without applying stresses.
6. Use the clamp to fit the second transparent hose to the safety overflow. Direct the hose end to the on-site drain connection  
Use the enclosed water hardness testing equipment to determine the raw water hardness.  
  
**Observe the air gap according to EN 1717 and DIN 1988, part 100. Advice:** we recommend our tundish 0214.00.908 (accessory). Prior to starting the device, fill the salt tank with regeneration salt and add 5 liters of water up to the maximum filling quantity.
7. Slowly open the shut-off valves of the bypass valve. Vent the system at a draw-off point.
8. Plug the four connectors in the control head on the backside of the control unit. Observe the correct pin assignment.
9. Fit the control unit to the control head's base.  
  
**The installation is completed.**

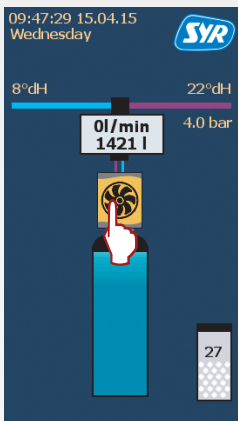


# Start-up LEX 1500 Connect Single Water Softener

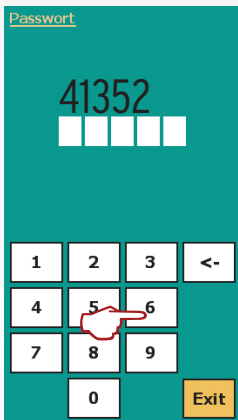


Plug in.

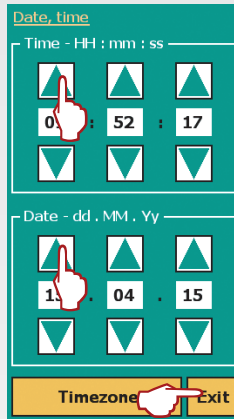
1. The system makes a self-test, which lasts about 2 minutes.



2. After the self-test, touch the screen and hold for a few seconds. An hourglass symbol will appear briefly.

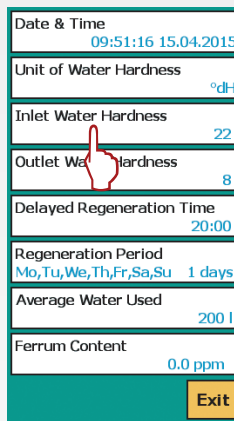


3. Enter the password „41352“.

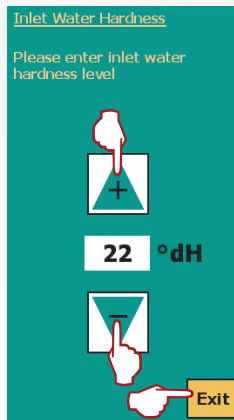


5. Set the current values.

Confirm the setting with „Exit“.

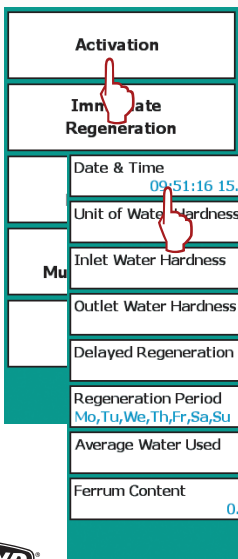


6. Select „raw water hardness“.

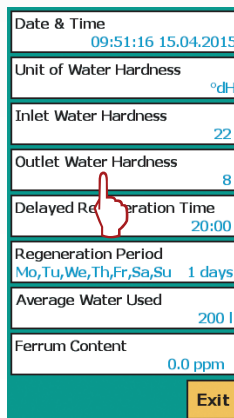


7. Enter the measured value.

Confirm the setting with „Exit“.

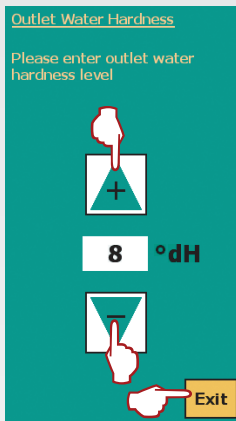


4. Select „Start-up“  
Select „Date and time“.



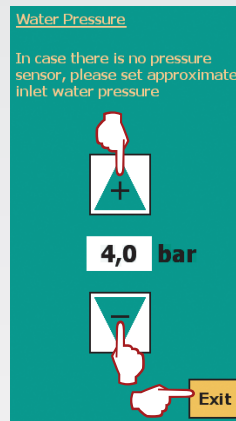
8. Select „Outlet water hardness“.





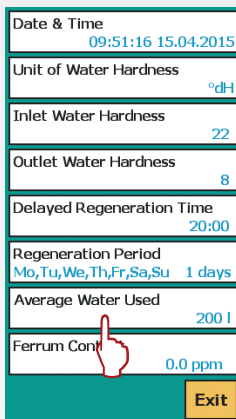
9. Enter the desired value.

Confirm the setting by pressing „Exit“.



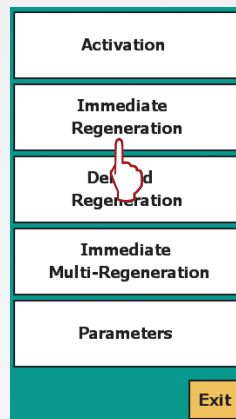
13. Enter the operating pressure.

Confirm the setting by pressing „Exit“.

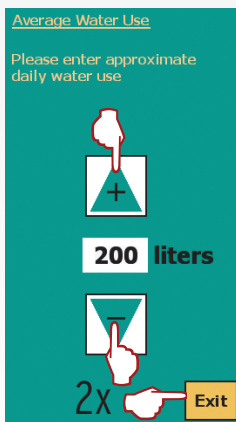


10. Go to „Average water consumption per day“.

Confirm the setting by pressing „Exit“.

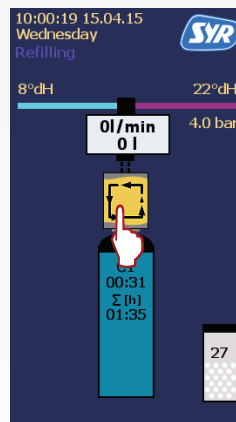


14. Trigger „Immediate Regeneration“, the flushing cycle starts with C1.

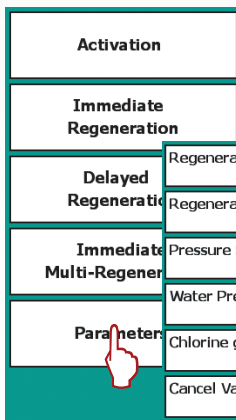


11. Enter the corresponding value. Note: enter a reference value of 100l/person/day. If it cannot be determined, select the preset value.

Press „Exit“ twice to go back to the menu.

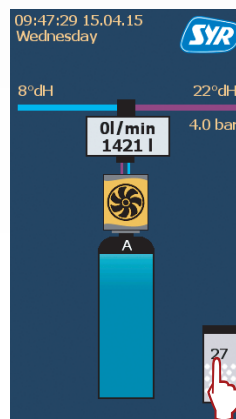


15. The regeneration cycle can be shortened manually by means of „Play“: Press the „Play“ key. The system displays cycle C2. All cycles can be selected in chronological order by activating „Play“ (manual function check of all cycles). This procedure ends with the cycle C10. Afterwards, the system automatically returns to the basic display.

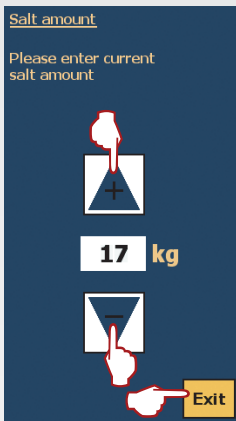


12. Go back to the control level and select „Parameters“.

Select „Water pressure“.



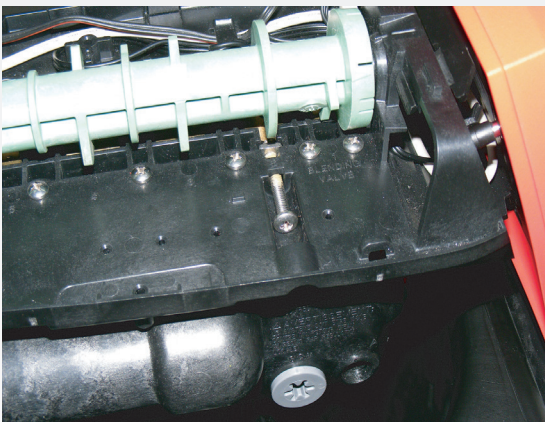
16. Activate the salt tank symbol on the touchscreen.



17. Enter the salt amount filled in (kg). Confirm this value by pressing „Exit“.

Then, the display indicates the salt amount (quantity still available expressed in weeks). Note: this indication is only a reference value!

The system automatically returns to the basic display.



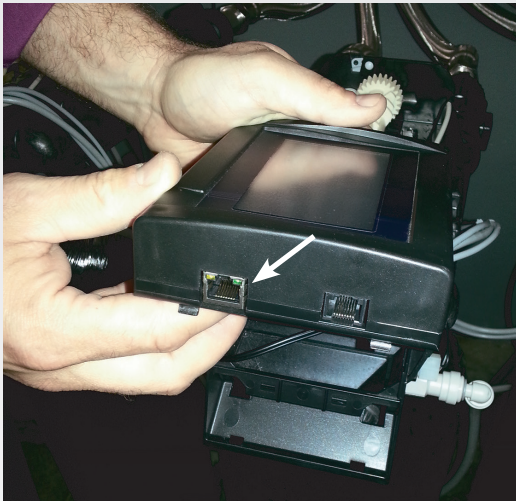
18. The desired mixed water hardness can now be adjusted using the adjusting screw on the control head. Screw in the adjustment screw until it makes contact with the valve. When delivered, the adjusting screw is in the relaxed state (0 °dH). The mixed water hardness is increased by turning the screw clockwise only slightly.

Measure the blended water hardness by means of the measuring device and readjust the adjustment screw if necessary. Mount the control head's protecting cover and the device cover.

**The device is ready for operation. Trigger an immediate regeneration prior to leaving the installation.**

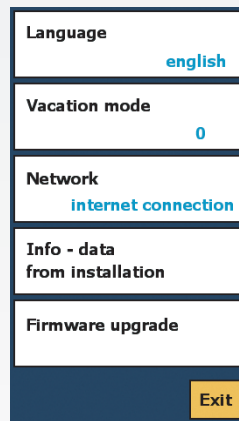
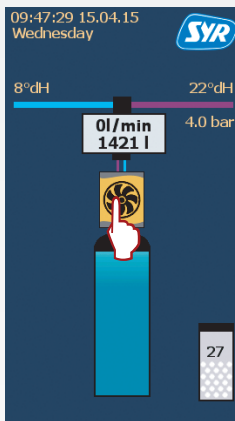
**Contact us [+49 2161 6105-0](tel:+49216161050) for any questions.**

## Optional: Control of the LEX 1500 Connect Water Softeners via SYR App or PC



As all LEX controls are equipped with a LAN connection, they are web-enabled.

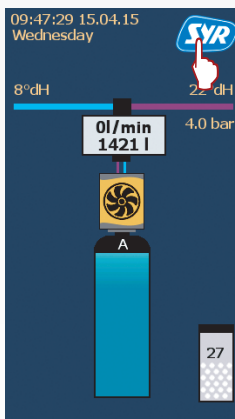
There are various possibilities for the connection to the LEX control unit, for instance an on-site fixed network socket or a so-called power-LAN-system (e.g. from Devolo).



As soon as a connection to the Internet has been made, this will be displayed in level 1 – briefly press the display once to go there.

Register the installation via <http://syrconnect.de> by means of the SYR App on your tablet or smartphone or with your PC. Follow the instructions.

In case of questions or problems, contact the SYR Connect hotline under **+49 2161 6105-0**.



Touch the SYR symbol to select the information overview of the control unit.

The last line indicates the code for the further registration of your device with SYR Connect.



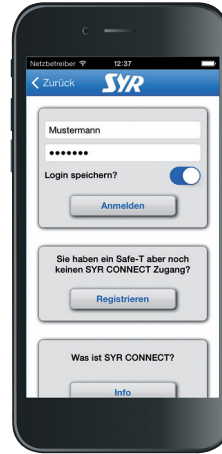
You will find on the backside step by step instructions for the access to the web-based potable water management with SYR Connect and the registration of your LEX 1500 Connect for which you require the code mentioned above.

# Step by step access to the web-based potable water management



Using SYR Connect is very simple – whether for leakage detection, water treatment, hygiene control or monitoring the heating system. The following screenshots will guide you through the steps that will give you access to the web-based potable water management with SYR Connect. Manage various projects, control specific valves and check the consumables – simply online! As an alternative to the SYR App, go to <http://syrconnect.de> and follow the instructions in the web browser and register the device there.

The mobile portal for your potable water management: download free of charge the SYR App for iOS and Android and you will be all set! You will find here all information about SYR, videos, product brochures, contacts and dates. And with the Connect button, you will access the web-based potable water management.

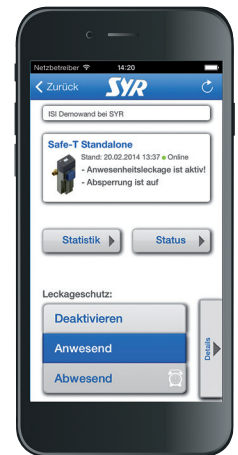
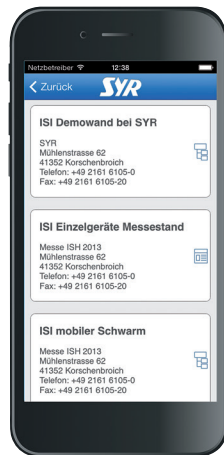
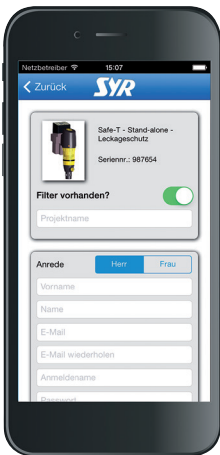


**1.** Download and install the free SYR App available in the App Store.

**2.** Open the SYR App, click on the SYR Connect button.

**3.** First registration? Press the button 'Anmelden'.

**4.** Enter the provided code number and check.



**5.** Enter the user data and press 'Anmelden'.

**6.** Whether one, two or more – all projects at a glance.

**7.** Select a project and view the integrated valves.

**8.** Status, statistics or detailed query: you are always up to date!

Competent assistance for all technical questions on our products, under

**SYR service**  
**+49 2161 6105-0**

For any questions on the web control, the software and the SYR App, contact:

**SYR Connect Hotline**  
**+49 2161 6105-0**

