



INSTRUCTIONS FO

Installation and Start-Up

LEX Plus 10 Connect Single Water Softener



Haustechnik mit System

Table of contents

Installation	3
Start-up	5
Control via SYR Connect	7
Handling of SYR Connect	8

Scope of delivery LEX Plus 10 Connect Single Water Softener



1 cabinet with salt tank and control



1 bypass and blending valve incl. flange seal and screws



4 safety clamps for connection hoses



2 connection hoses



1 coil flushing water hose



3 hose clamps



1 tension clamp



1 power plug



1 tundish



1 hardness testing equipment

Installation LEX Plus 10 Connect Single Water Softener



1. Mount the universal flange (DN 20 - DN 32) in the installation. Observe the mounting instructions for the flange!

Note: The flange is not included in the delivery!

2. Mount the bypass and blending valve to the universal flange. Make sure that the O-rings are seated properly.

Note: Use valve grease!

3. Remove the cover to fit the hose connections. Direct the brine pipe and the connection cable from the salt tank's rear along the left side to the front.

This will prevent the hose and connection cable from becoming clamped.

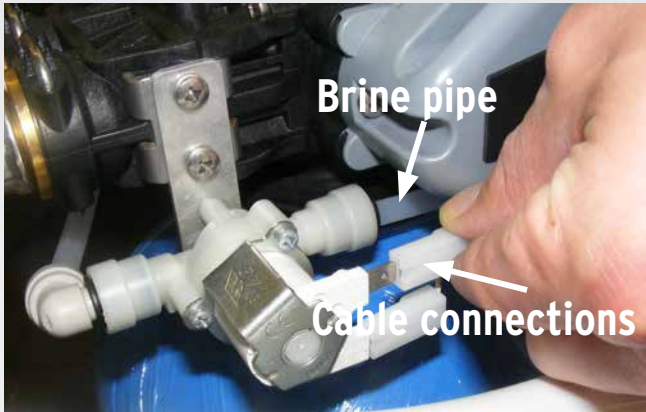
4. When dividing the enclosed transparent hose, make sure to have adequate lengths for the flushing and overflow connections.

4. Use the hose clamp to fit the flushing water hose to the control head's drain connection.

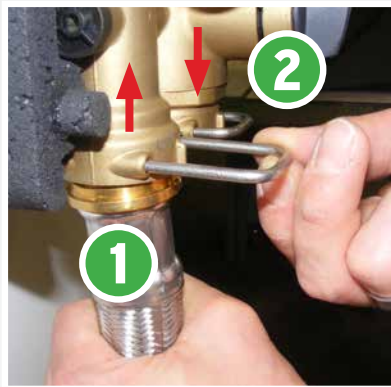
Use the tension clamp to mount the other transparent hose to the safety overflow. Direct the hose ends to the on-site drain connection at a later stage.

5. **Observe the air gap according to EN 1717 and DIN 1988, part 100.**

Tip: Use the tundish included in the delivery.



6. Connect the brine pipe and the cable connections to the solenoid valve.
(Observing the cable connections' polarity is not required!)

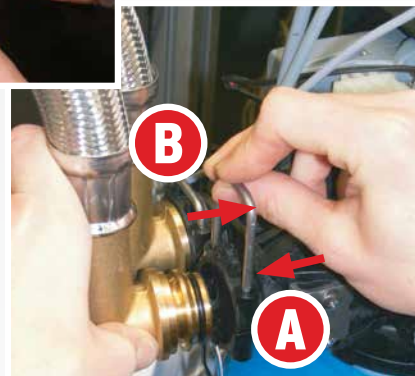


7. Use the safety clamps to mount the flexible connection hoses. Do not apply stresses. Connect the hoses to the connections of the bypass / blending valve and of the control head.

Attention: Always A to 1 and B to 2. Observe the correct direction of flow!

Note: Use valve grease!

Put the cover back in its position.



8. Connect the following electric cable connections of the control head to the control unit on the backside of the device's cover (start with the 12-pin connector).

Attention: The white dots must face each other.

- 12-pin - Connection cable for control head
- 9-pin - Connection cable for electrodes, LED and solenoid valve
- 6-pin - Free, no connection
- 5-pin - Connection cable for bypass valve

The installation is completed.

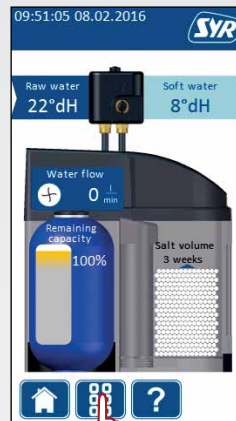
Start-up LEX Plus 10 Connect Single Water Softener



- Put the bypass and blending valve with the ball valve „A“ in the position „Operation“.

Plug in.

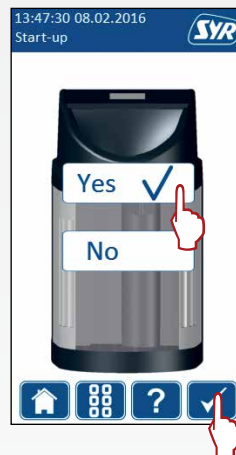
The system will emit an acoustic signal and carry out a self-test.



- Touch the menu symbol to go to the main menu.



- Touch the symbol „Start-up“.



- Select „Yes“.
- Confirm the start-up by pressing the tick mark.



- Flushing and venting.
- This process lasts about 4 minutes.



- Fill the content of a salt bag (25 kg) in the salt tank.
- Use both arrow keys to enter the salt quantity filled in.

Confirm the entry with the tick mark.



Raw water hardness measurement
(Step 3 of 6)

Please measure the raw water hardness at the inlet and set the hardness level here.



7. Measure the raw water hardness with the hardness testing equipment included in the delivery.

Use both arrow keys to enter the measured raw water hardness.

Confirm the entry with the tick mark.

Opening a tap
(Step 4 of 6)

Open the tap you choose



8. Open any draw-off point.

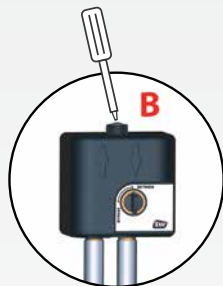
The displayed message disappears automatically as soon as a draw-off point is opened.

Setting the soft water hardness
(Step 4 of 6)

Warning:
The intersecting factory closed (0 °dH).



9. **Attention: When delivered, the blending is set to Soft (0° dH).**

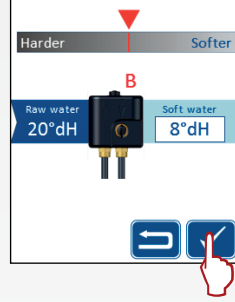


Release the locking mechanism of the blending valve „B“ and adjust the soft water hardness by turning until the display shows the desired hardness.

Confirm the entry with the tick mark.

Fine adjustment (step 5 of 6)

Fine adjustment between the measured and indicated soft water level by turning mixing valve B. Lock mixing valve B and conclude the startup by confirming.



10. Use the hardness testing equipment to measure the soft water hardness at any draw-off point. If necessary, adjust with the blending valve „B“ until reaching the desired hardness.

Lock the blending valve „B“ again.

Confirm the entry with the tick mark.

Automatic filling
(Step 6 of 6)

Salt container is being filled
Unit shall automatically switch to operating mode



11. A predetermined amount of water will be filled automatically in the salt tank.

Then, the device will return automatically to the operating mode and the start screen!

The start-up is completed and the device is ready for operation.

For any questions, contact our hotline under 0800 6105 000 (from German fixed network).

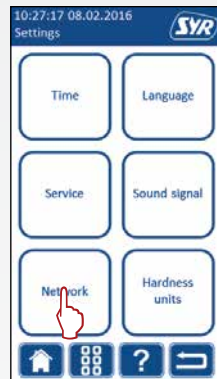
From abroad contact the following number +49 2161 6105-0.

Optional extra: Control of the LEX Plus 10 Connect Water Softener 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 - **to be made at the cover's underside** -, e.g. an on-site fixed network socket or a so-called power-LAN-system (e.g. from Devolo).

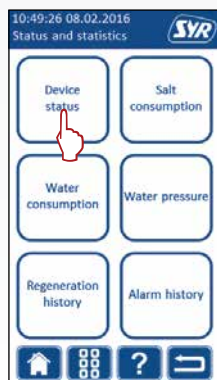


The Connect logo will be displayed as soon as a connection to the Internet will be made. This can also be verified in the menu „Settings / Network“ to which you can access by touching the display.

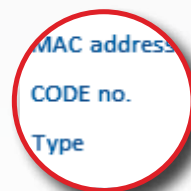
Register the installation via <http://syrconnect.de> by means of the SYR App on your tablet or smartphone or with your PC. Follow the instructions.

For further details, contact the **SYR Connect Hotline 0800 6105 100** (free of charge) or from abroad the phone number **+49 2161 6105-0**.

Touch the symbol „Status & Statistics“ in the menu and then press „Device Status“.



The fourth line will indicate the code for the further registration of your device with SYR Connect.



You will find on page 8 step-by-step instructions for the access to the web-based potable water management with SYR Connect and the registration of your LEX Plus 10 Connect for which you will 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 heating system monitoring. 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 'Register'.

4. Enter and check the provided code number.



5. Enter the user data and press 'Confirm'.

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 up to date!

Competent assistance for all technical questions on our products, 24 hours a day under:

SYR 24-hour service

0800 61 05 000

From abroad

+49 2161 6105-0

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

SYR Connect Hotline

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From abroad

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