How to configure and to install the Xcom-LAN

1. Contents of the Xcom-LAN remote communication set

   - Xcom-232i
   - Ethernet gateway
   - Micro SD card with adapter
   - Ethernet cable, 3m
   - Serial cable, 0.25m
   - Power supply cable RJ45-Jack, 0.5m
   - Communication cable, 2m
   - 2x 2 DIN rail clips and screws
   - Mounting plate for the Xcom-232i

2. Additional items needed

   - Computer or mobile phone
   - Router
   - Internet access
   - Pads
   - 2m

3. Mount the different products within the Studer system

   The products should be mounted on a smooth surface.

   - The distance between the Xcom-232i and the Studer system should not exceed 10 meters.
   - The distance between the Xcom-232i and the Ethernet gateway should not exceed 0.25 m.
   - All cables you need are provided in the set.

   **ATTENTION!**
   - The metallic casing of the Ethernet gateway is connected to the negative battery pole. Therefore it is necessary to isolate its casing from any metallic surface.

4. Wiring

   a. Connect the Ethernet cable between the Ethernet gateway and the router
   b. Connect the serial cable between the Ethernet gateway and the Xcom-232i
   c. Connect the power supply cable between the Ethernet gateway and the Xcom-232i
   d. Connect the communication cable between the Xcom-232i and the Xtender system

5. Set the terminations

   It is very important to set the terminations correctly for the functioning of the system.

   With one device in the system the termination on the Studer device should be put to T as in "Terminated". With more than one device in the system all Studer devices should be put to O as in "Open" apart from the devices at the end of the communication chain. These devices should be put to T as in "Terminated".

   The termination switch next to the two RJ45 connectors on the Xcom-232i must be set in position T.

6. Turn on the power

7. Insert the Micro SD card into the computer

   a. Insert the Micro SD card into the Xcom-232i
   b. Connect the Ethernet cable between the Ethernet gateway and the router
   c. Connect the serial cable between the Ethernet gateway and the Xcom-232i
   d. Connect the communication cable between the Xcom-232i and the Xtender system

8. Run the Xcom-configurator

   Choose "LAN" as Xcom mode. No other parameters are required. The gateway is already configured. Press "Generate" to save the parameter settings. A window will automatically confirm the successful file generation.

9. Take note of your GUID file

   Close the message box and a text file with your identifier (GUID) will appear. This file is saved on your "Desktop" or in "My documents". The unique identifier (GUID) is required to link your installation with your account on the Xcom portal. Keep it safe.

10. Insert the Micro SD card into the Xcom-232i

   Remove the SD card from the PC and insert it into the Xcom-232i. The setup process will start automatically and normally takes 1 second.

   When the LED stops blinking red, the setup is finished.

   **ATTENTION!**
   - The Xcom-232i needs to be powered during the setup process. Otherwise, the configuration will not be taken into account.

11. Xcom connects to the server

   After the parameters are set and applied, the Xcom-LAN will automatically connect to the server and send a confirmation message to the RCC. If there is no message, the Xcom is not connected to the server. Use the FAQ of this Quick guide to see what could have gone wrong.

The Xcom-LAN is successfully installed!

Register the installation at: https://xcom.studer-innotec.com in order to control it remotely with the Xcom-LAN.

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Remote communication set for Xtender systems Xcom-LAN

FAQ

Legal notices

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Exclusion of warranty

No warranty claims will be accepted for damages caused by handling, operation or actions that are not described in this manual. Damages arising from the following events are not covered by the warranty:
- Overload on the device.
- Liquid in the device or oxidation due to condensation.
- Damage resulting from an external mechanical shock.
- Modifications carried out without the explicit authorization of Studer Innotec SA.
- Nuts or screws partially or insufficiently tightened during installation or maintenance.
- Damage due to atmospheric overvoltage (lightning).
- Damage due to transport or inappropriate packaging.
- Disappearance of original identification marks.

Disclaimer of liability

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Compliance with standards

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