

The instrument remains in the remote state until it is reset to the local state, see [Chapter 5.2.2, "Returning to Manual Operation", on page 250](#).

Tip: Switching from manual operation to remote control and vice versa does not affect the other instrument settings.

2. Although operation via front panel, mouse and keyboard is disabled, the dialog boxes can still be opened, for example to verify settings. The buttons and setting fields are grayed out and cannot be activated.
Additionally, you can disable the access to the dialogs with the command `SYST:KLOC ON` to protect the instrument against unauthorized readings.
3. To prevent unintentional return to manual operation, disable the [LOCAL] key of the instrument with the `&LLO` command (see [Chapter 5.1.3.4, "LAN interface messages", on page 245](#)).
The instrument switches to "REM-LLO" state.
The automatic transition from local state to remote state by a subsequent remote command, and the command `*GTL` are disabled.
To return to manual mode is only possible via remote control.
4. Unlock the [LOCAL] key with `>R`.

5.2.2 Returning to Manual Operation



Before returning to manual control, command processing must be completed. Otherwise, the instrument switches back to remote control immediately.

To return to manual operation, perform one of the following:

- Press the [LOCAL] key on the front panel.
- Select "Setup > Remote Control Channels > Local".
- While using the socket communication, terminate the remote control session.
- Send the interface command `>L` via the remote control interface.



Use the `>R` to enable the [LOCAL] key if it is locked.

5.2.3 Examples

This section provides examples for setting up the remote control connection, and starting a remote control session.

This section assumes basic knowledge of programming and operation of the controller. A description of the interface commands can be obtained from the corresponding manuals.