3.1.8   Connecting to IEC 625/IEEE 488 (GPIB)

To connect to the IEC 625/IEEE 488 interface

You can use the GPIB bus interface for controlling the instrument remotely. The "IEC 625/IEEE 488" connector is at the rear panel.

1. Connect the "IEC 625/IEEE 488" socket to the controller PC with a double-shielded GPIB bus interface cable.

2. Configure the settings for remote control over GPIB.

   The controller must address the instrument with the GPIB bus address.
   For details, refer to Chapter 5.1.6, "GPIB Interface (IEC/IEEE Bus Interface)", on page 246 and Chapter A.1, "GPIB Bus Interface", on page 508.

3.1.9   Connecting USB Devices

You can connect or disconnect USB devices, e.g., memory stick, a CD-ROM keyboard, etc, with the R&S SMB during operation.

To connect a USB device to the interface of the R&S SMB, always use the USB type A connector t the rear panel. Refer to the documentation of the USB device to find out which USB connector type you can connect to the USB device.

To connect USB storage devices

USB storage devices, such as memory sticks, allow easy data transfer from/to the R&S SMB. You can also use them for firmware updates.

► Connect the USB storage device to the USB type A connector at the rear panel.

To connect USB devices with external power supply

1. **NOTICE!** Connected devices with external power supply can feed back current into the 5 V power supply of the USB interface and thus damage the R&S SMB.

   Ensure that there is no connection between the positive pole of the power supply and the +5 V power pin of the USB interface (VBUS).

2. Connect the USB storage device to the USB type A connector at the rear panel.

To connect a keyboard

► Connect the keyboard to the USB type A connector at the rear panel.

   When connected, the R&S SMB detects the keyboard automatically. A detected keyboard has the default layout English – US.
   Use the Chapter 4.2.3.9, "Display/Keyboard Settings", on page 108 dialog to configure the keyboard properties.