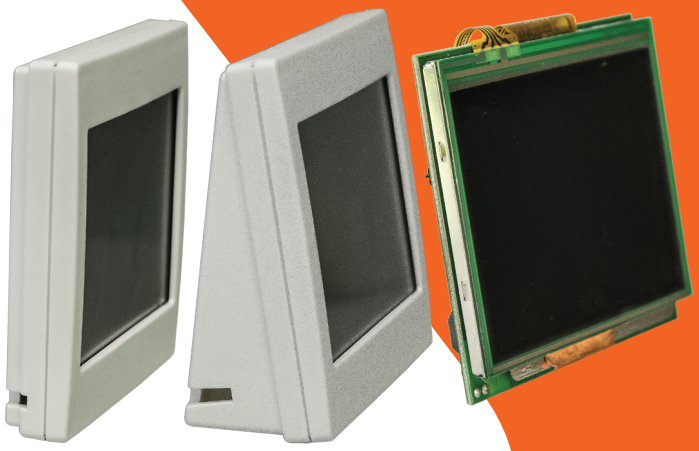
Fidelix

multiDISPLAY

3.5" Modbus touch screen
(room or device panel)



- 100% freely programmable
- 5 built-in time schedules
- 250 internal variables / values
- Can be Modbus master or slave
- Modbus RTU communication (RS485)
- Integrated temperature sensor (NTC10)

Local control and consulting

The primary usage of the multiDISPLAY is as room panel in hotels, hospitals, flats and villa's. However, the embedded Modbus capabilities and powerfull processor enable the multiDISPLAY to also be used as an operating terminal for other applications; connect the multiDISPLAY to one of our multi24 modules, straight to one of our FX-controllers or to any other device or system using serial Modbus communication.

Mount the multiDISPLAY into a standard pattress box, and instantly make your project look better thanks to the 100% customisable user interface you can create for the multiDISPLAY with our free editor. You can add your company's or the property owner's logo to the freely editable graphics you make for the multiDISPLAY to give it a unique look and feel. You have total control over every pixel and page.

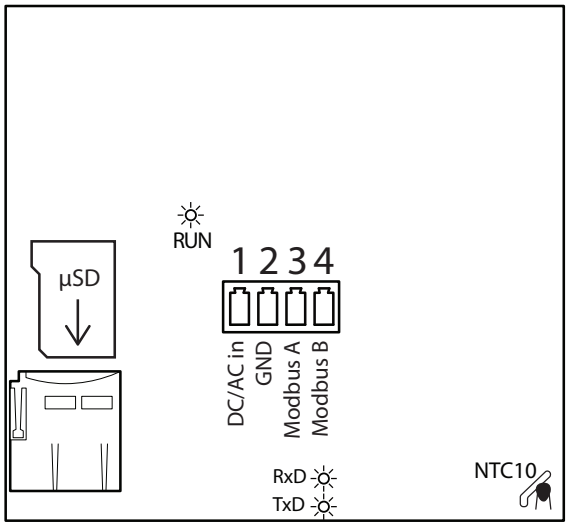
The Modbus master or slave mode enables the display to be used with literally any Modbus RTU device.

Technical features

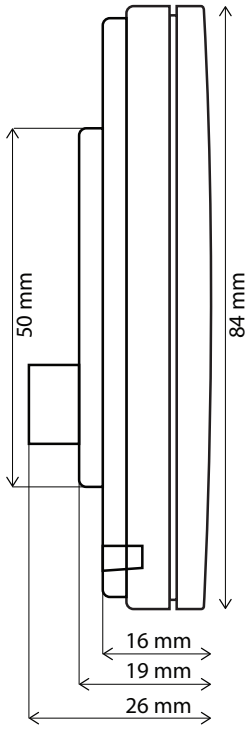
Dimensions & resolution:	320x240px on 3.5" (70 x 53 mm) actual usable screen surface
Operating voltage:	12-45 VDC or 16-32 VAC
Power consumption:	≈1W at 100% / ≈0.5W at 40% display brightness
Operating temperature & IP-Class:	0 to +50 °C, IP class 20
On-board temperature sensor:	NTC10
Communication:	Modbus master or slave. Selectable parity, number of data- and stopbits. Speed up to 115 200 bps; autodetect for slave, configurable for master.

Settings: To navigate to the settings page, press the multiDISPLAY in one spot for 10 seconds. On this page, you can adjust date and time, the Modbus address, screen brightness, sensitivity and rotation of the multiDISPLAY. Here you will also find the 5 built-in time schedules.

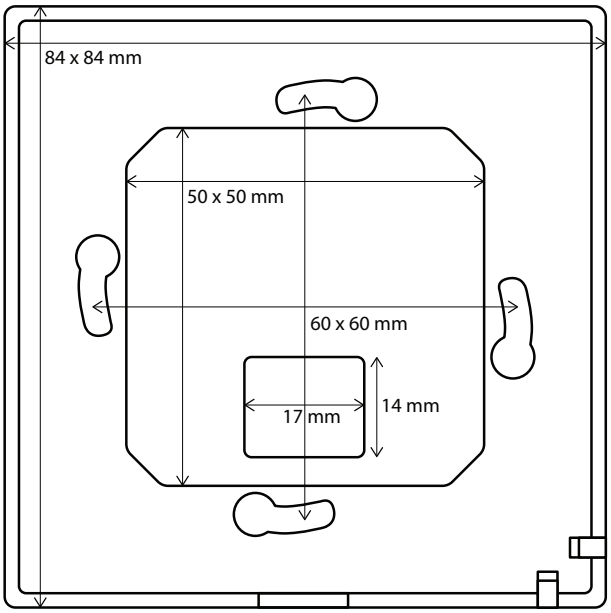
PCB
back side



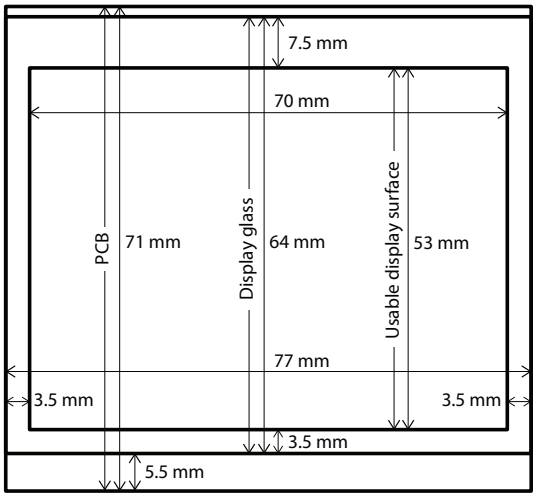
FX-RP-A encasing
side view



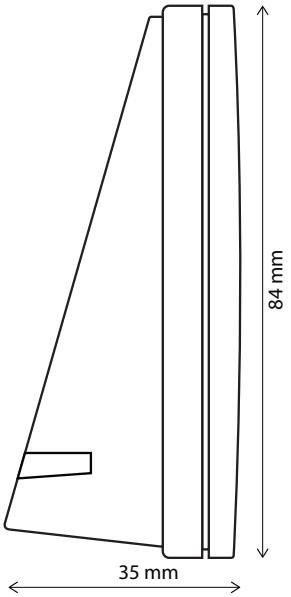
FX-RP-A encasing
back side



PCB
front (with touch screen glass)



FX-RP-B encasing
side view



FX-RP-B encasing
back side