



KNX Touch-Display

Control unit for Quadra® weather controller

Product description

3,5" Touch-Display (320 x 240 Pixel/ RGB) to display and control up to 40 KNX-functionalities, display of functions on 5 pages plus an additional alarm page. It is mounted on a standard switch box.

Security advices

- Electrical connection and start-up operations shall only be done by electrically skilled persons.
- For installation, assemblage, operating and accident prevention please comply to the regional regulations.
- Connection and maintenance operation might only be done in not energized condition.
- If safe operation is not possible, the device must not be started up or has to be disabled.
- The device shall only be applied for normal use and according to the specified technical data.
- The device may only be used in combination with original accessories.

Installation advices

- The device is intended for fixed installations in dry rooms, for installation in flush-mounted boxes.

Operating elements

- All settings are made via the Touch-Display itself.

Display elements

- All indications are displayed on the Touch-Display itself.

Configuration

- The configuration is done with ETS Version 3 or higher from the KNX-Association. In addition, a configuration tool is available that allows you to upload and save your own elements (graphics etc.). The tool has direct access to the memory via the Mini-USB-socket on the back.

Start-up

- Check device, clamps and connections.
- Screw mounting frame to the flush-mounted wall box.
- Fit the Touch-Display with the upper edge of the frame and snap (magnets).Screw in the locking screw from the bottom.
- Switch on the power supply and the bus voltage.
- Programming mode via > Settings > System & SD-Card > activate button „P“ and program physical device address.



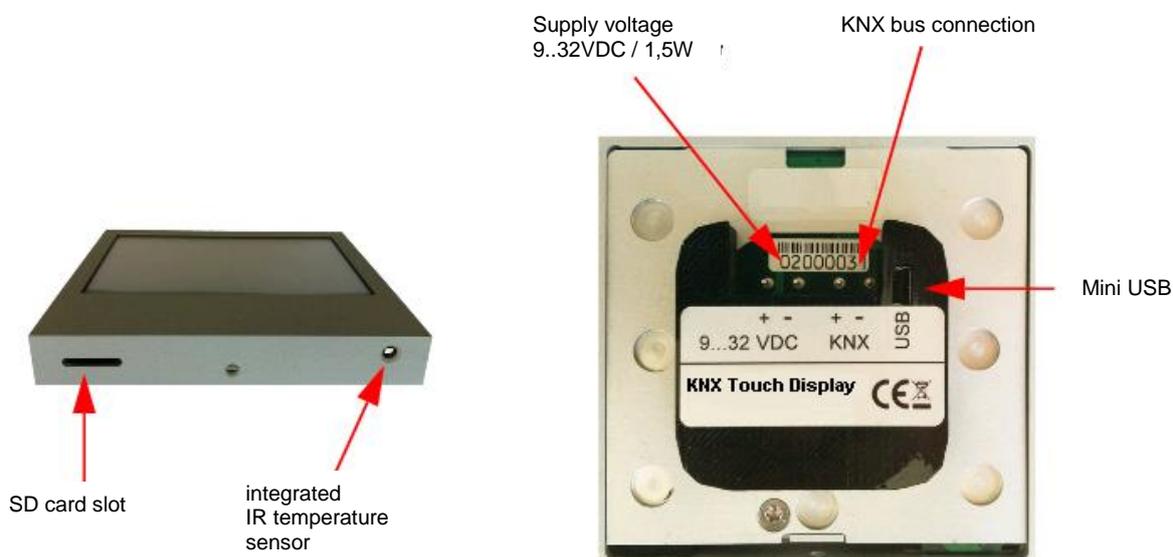
Technical Data



Connections	Supply voltage	9-32 VDC / approx.: 1,5 W (via bus terminal block - yellow/white)
	KNX-Bus current	10 mA (via bus terminal block - red/black)
Environment	Operation temperature	-5 °C to +55 °C
	Storage temperature	-5 °C to +60 °C
General	Dimensions	82 x 82 x 12 mm (L x W x D)
	Mounting depth	10 mm
	Weight	approx.. 160 g



Connection plan





Operating functions



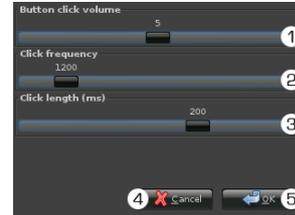
I. Main Menu

- ① Switch language German – English
- ② Settings Touch-Display > II.
- ③ Operating page Sector 1–4 (5–8) > VII.
- ④ Display page measuring values > VIII.
- ⑤ Operating page programs/ limit values 1 (2) > IX.
- ⑥ Operating/ display page Date – Time / error > X.



II. Settings Touch-Display

- ① Acoustic signals > III.
- ② Display settings > IV.
- ③ Navigation & Layout > V.
- ④ System page Touch-Display
- ⑤ Confirm and return



III. Acoustic signals

- ① Click volume for the confirmation of an operation
- ② Frequency of the confirmation click (100-8000Hz)
- ③ Duration of the confirmation click (10-300ms)
- ④ Cancel and return
- ⑤ Confirm and return



IV. Display settings

- ① Display brightness 0-100%
- ② Screensaver after __ min
- ③ Screensaver brightness 0-100%
- ④ Standby after __ min
- ⑤ Cancel and return
- ⑥ Confirm and return



V. Navigation & Layout

- ① Display menu bilingual/ set language
- ② Selection display language
- ③ Cancel and return
- ④ Confirm and return



VI. System

- ① Version information
- ② KNX programming mode on/ off
- ③ Confirm and return



VII. Sector control (Sector 1-4 and sector 5-8)

- ① Back to main menu
- ② Sector UP (KNX value „0“)
- ③ Sector DOWN (KNX value „1“)
- ④ Sector shading position (KNX value „1“)
- ⑤ Sector cleaning windows (Toggle KNX values „0“ – „1“)
- ⑥ Sector cleaning shading (Toggle KNX values „0“ – „1“)
- ⑦ Sector Automatic lock off (Reset KNX values „0“ – „1“)



VII. Measuring values

Up to 8 measuring values of the Quadra or the Touch Display (internal temperature) can be displayed. The values displayed are set via the KNX configuration

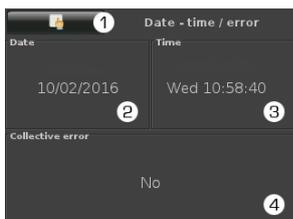
- ① Back to main menu



IX. Programs / Limit values (Page 1 and 2)

Up to 4 automatic programs can be adjusted individually on each of the 2 pages.

- ① Back to main menu
- ② Automatic program on/off (with status display)
- ③ Adjust limit value
- ④ Reset frost program (an active off delay can hereby be terminated – the turn-off conditions have to be fulfilled before)



X. Date-time / error

- ① Back to main menu
- ② Set date
- ③ Set time
- ④ Status display of Quadra weather controller errors