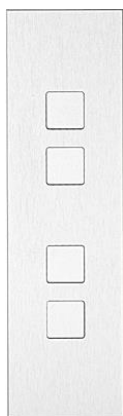# Operating and mounting instructions
Barchetto 2 /4 /6 (LED optional)
Order No.: 61111-XX, 61112-XX

General usage

KNX control panels of the IPAS Barchetto product range can be used for all standard switch and configuration functions via the KNX bus. The functions switching, dimming, value setting, blinds and sun protection, fan levels, and much more can be implemented with 2, 4 and 6 buttons.

Barchetto 4   Barchetto 6

Barchetto design buttons are designed for the installation of door frames and can be mounted in thin-walled cut-outs with a material thickness of 2-4 mm. The clamping springs located on the housing fix the panel in the mounting cutout. Special sheet steel mounting boxes are available for wall installation.

The KNX bus coupler is directly integrated into the device. A standard bus terminal is used for the connection. Programming LEDs and programming buttons are accessible on the back of the panel.

Device types and accessories

The following Barchetto devices and accessories are available:

Product	Description	Order-No.
Barchetto 2	Control panel	61111-02
Barchetto 2 with LED	Control panel	61112-02
Barchetto 4	Control panel	61111-04
Barchetto 4 with LED	Control panel	61112-04
Barchetto 6	Control panel	61111-06
Barchetto 6 with LED	Control panel	61112-06
Wall box for Barchetto 2-4	Accessories	61993-00
Wall box for Barchetto 6	Accessories	61994-00

Scope of delivery

The following individual components are part of the Barchetto delivery package:

- Complete device with plugged in bus connector (KNX)
- Operating and mounting instructions
- Delivery in unbreakable individual packaging

Application program

Barchetto design panels are programmed with the following ETS project application:

ETS_61112_Barchetto_V1.0.0.knxproj

Installation advice

⚠️ ⚡ Danger to life from electric current.
- The device must only be installed and commissioned by an accredited electrical engineer.
- Please follow country-specific safety and accident prevention rules!
- The device is intended for interior installation in dry rooms.
- For the installation, the device must be switched to zero potential.
- Do not open the device! Faulty devices must be returned to the manufacturer.
- Please follow country-specific rules and regulations for the planning and construction of electrical installations.
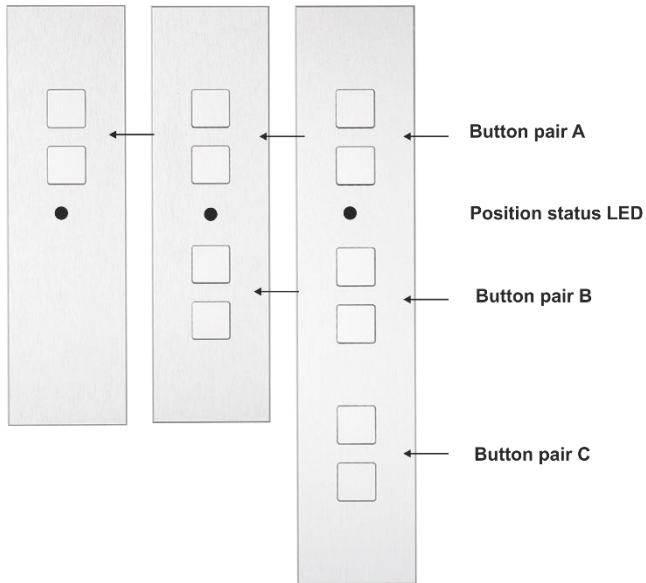
Technical data

CONNECTION DATA		
Power supply	Supply Voltage: Consumption:	via KNX Bus 24V/40mA (approx. 1W)
Connectors	KNX: (black/red), TP	0,6...0,8mm solid

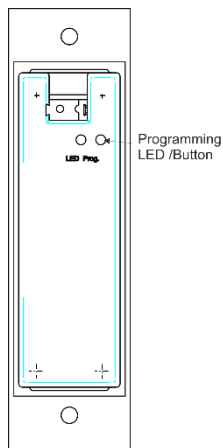| GENERAL DATA		
Control and display elements	KNX function keys: Programming button: LED, red:	Depending on the model, 2, 4 or 6. To assign the physical address. Displays addressing mode.
Mechanical data (Depending on the model)	Casing: Width: Height: Length: Weight: Mounting:	Metal/Plastic 40 mm 37 mm 130 mm (Barchetto 2/4) 178 mm (Barchetto 6) Depending on the model Clamped in the cutout or using a universal wall box.
Electrical safety	Pollution class: Protection type:* Protection class:** Overvoltage category: KNX Bus:	2 IP20 III III SELV DC 30V
EMC requirements	Complies with:	EMC directive 2014/30/EU
Environmental conditions	Weather resistance: Environmental conditions in operation: Storage temperature: Transportation temperature: Rel. humidity: (non condensing)	EN 50090-2-2 -5°C to +45°C -25°C to +55°C -25°C to +70°C 5 % to 93 %
Approbation and CE-Signage	KNX registered: According to EMC-Guidelines:	No (Residential and commercial buildings), Low Voltage guidelines.

* (according to EN 60529); ** (according to IEC 1140)

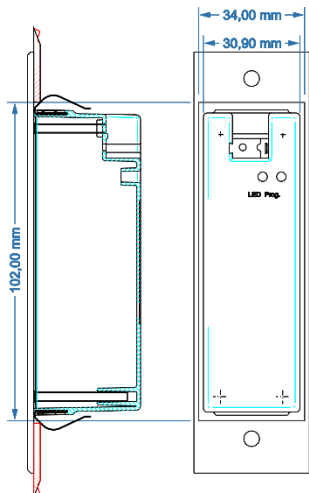**Location and function of the display and control elements**

Control elements:

Button pair A

Position status LED

Button pair B

Button pair C

Programming button and programming LED:

Programming
LED /Button

LED Prog.

Mounting

Mounting in cutouts:

In cutouts with a material thickness of 2-4 mm, our control panels are simply clamped in the cutout. The clamping springs attached to the housing fix the panel in the mounting cutout.

34,00 mm

30,90 mm

102,00 mm

LED Prog.

Panel cut-out Barchetto 2/4:   102x34mm
Panel cut-out Barchetto 6:   148x34mm

Mounting in installation boxes:

Before mounting in the installation box, the bus cable is first connected to the bus terminal and plugged into the corresponding terminal receptacle on the rear of the device. Please note that the physical address of the KNX device is then assigned. The programming button required for address assignment and the programming LED are no longer accessible after installation.

Due to the small tolerances, the functional installation of the design panel into the wall mounting box requires a vertical and horizontal installation of the mounting box into the wall.

Ordering data for Barchetto wall boxes:

Barchetto 2/4:   61993-00
Barchetto 6:   61994-00