

# Glass Touch GT12X



## Glass Touch GT12X – Elegant and versatile control

The Glass Touch GT12X is a user terminal featuring a modern design with a glass surface and touch-sensitive keys for intuitive operation. It supports both the DALI-2 protocol and the Butler XT3 via the e:bus2 protocol.

Suitable for a variety of high-end lighting applications—including hotel rooms, offices, conference spaces, residential settings, and cruise ships—the Glass Touch GT12X combines functionality with a clean aesthetic.

The device is wall-mountable and supports the connection of up to 8 units via e:bus2, using flexible wiring topologies such as daisy chain or star.

## Key Features

- 13 touch-sensitive keys plus palm function, each with status LEDs and LED feedback
- Lockable touch surface for cleaning; acoustic feedback (beeper) ON/OFF
- Elegant glass design in white or black: blank, numbered, or fully custom-printed
- Easy customization with user-defined text and symbols via integrated label tray
- DALI-2 certified; supports e:bus2 protocol (not compatible with legacy e:bus)
- Fits standard in-wall boxes; powered via DALI-2 or e:bus2
- Topology-free 2-wire cabling; daisy-chain up to 8 devices via e:bus2

## Glass Touch GT12X – Key Features

### Interface & Controls

- 13 touch-sensitive sensor keys plus 1 palm (hand) function
- Status LEDs on each key with LED button feedback for clear, responsive interaction
- Lock/unlock function via key combination for safe cleaning
- Acoustic feedback (beeper) can be switched ON or OFF

### Design & Customization

- Flexible glass design options
- Available in five elegant variants:
  - White or black glass with empty key areas for custom labeling
  - White or black glass with numbered keys
  - Fully custom-printed glass for a unique, tailored appearance
- Easy custom labeling:
  - Design your own text and symbols
  - Insert printed labels using the integrated label tray

### Connectivity & Certification

- DALI-2 certified
- Supports e:bus2 protocol (not compatible with older e:bus systems)

### Installation & Power

- Fits standard in-wall electrical boxes
- Powered via DALI-2 or e:bus2 (no separate power supply required)
- Topology-free cabling with simple 2-wire power and data connection
- Supports daisy chaining of up to 8 devices via e:bus2

## Delivery scope

- Glass Touch GT12X White - Custom labeling



CL25100008135

Glass Touch GT12X Black - Custom labeling - tba

Glass Touch GT12X White - Fixed Number Layout



CL25100008135

Glass Touch GT12X Black - Fixed Number Layout - tba

Glass Touch GT12X - Custom Print

### Example print



CL25200008035

- Mounting plate
- Hex wrench
- Default plastic sheet insert (only CL25100005435) and blank insert plastic sheet for self-printing
- Safety instructions
- Welcome note

## Optional accessories

- Butler XT3 CL24100004935
- SYMPL Fusion CL24100603935
- with SYMPL Fusion DALI-2 Module 1Ch. CL24100604035
- SYMPL dali Node AB444230035

**Product specifications**

GTIN	4897135737477
Dimensions (W x H x D)	80 x 160 x 12 mm / 3.15 x 6.3 x 0.47 in
Weight	200 g (incl. mounting plate)
Power supply	via DALI-2 bus or e:bus2 (2-wire cabling)
Power consumption	0.15 W max.
Operating temperature	0 ... 45 °C / 32 ... 113 °F
Storage temperature	-20 ... 75 °C / -4 ... 167 °F
Op. / Stor. humidity	0 ... 80% RH, non-condensing
Ingress protection	IP40
Housing	Glass (surface) Aluminium (mounting plate) ABS (housing body) UV, scratch and cleaning detergent resistant
Mounting	In standard in-wall fitting
Certificates	CE, DALI-2, FCC, ETL pending

**Interface specifications**

Interfaces	2 x DALI-2 or e:bus2 (not e:bus compatible!)
Addresses	1
DALI-2 power consumption	4 mA typical, max. 10 mA
User interfaces	13 x capacitive touch sensor 13 x feedback LED (monochrome red, protocol controlled) Rotary DIP switch (protocol selection, e:bus2 addressing)
Beeper	Acoustic feedback

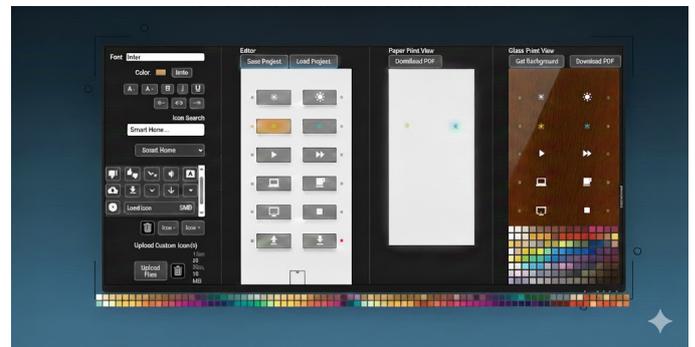
**Terminals**

Connection type	Push-In
Wire size solid core, stranded wire without end ferrule	0.2 ... 1.5 mm <sup>2</sup> (AWG24 ... AWG16)
Wire size stranded wire with end ferrule	0.2 ... 0.75 mm <sup>2</sup> (AWG24 ... AWG19)
Stripping length	8 mm / 0.31 in
Tightening/ release of wire	Push button

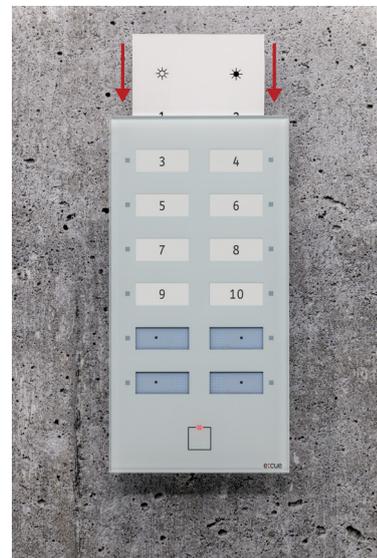
**Glass Touch Designer**

Create your custom label (power button excluded, CL25100005435) or fully custom-printed glass (CL25200008035).

Use the Glass Touch Designer, available on the e:cue website, to easily design your personalized plastic sheet insert or complete glass print. For the plastic sheet insert, simply print it using a standard printer, cut it to size, and slide it into your Glass Touch GT12X for a customized look. For the custom-printed glass, export the layout and sent it over to your e:cue partner.

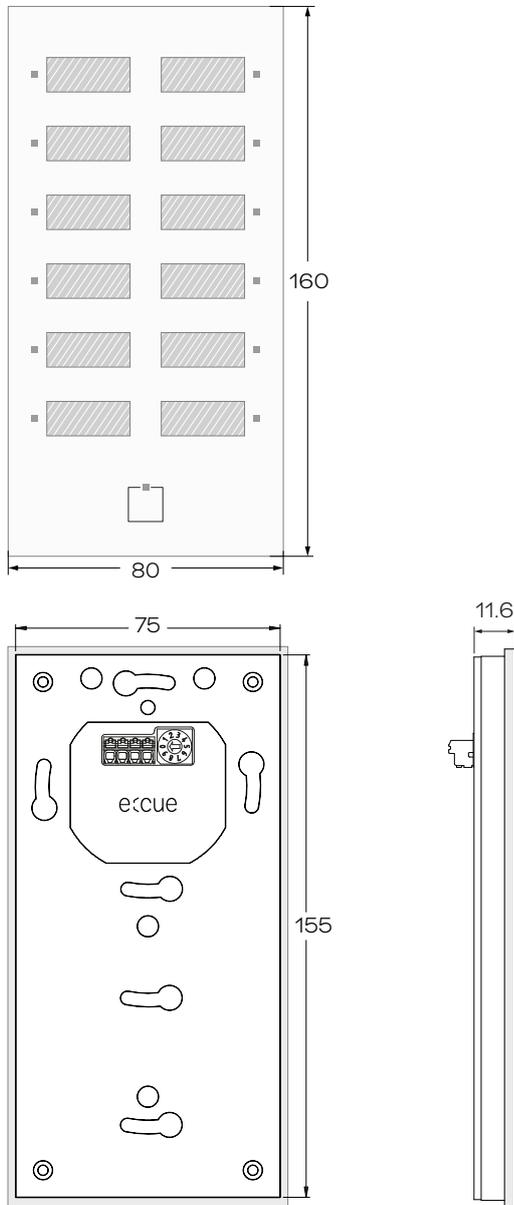
**Glass Touch Designer:**

[www.traxon-ecue.com](http://www.traxon-ecue.com)

**Paper / Plastic sheet insert:**

**Dimensions**

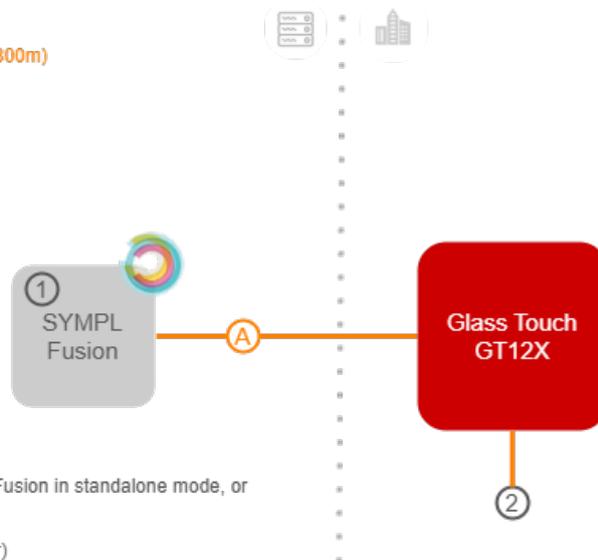
All measures in mm



## System diagram

## a) DALI-2 protocol

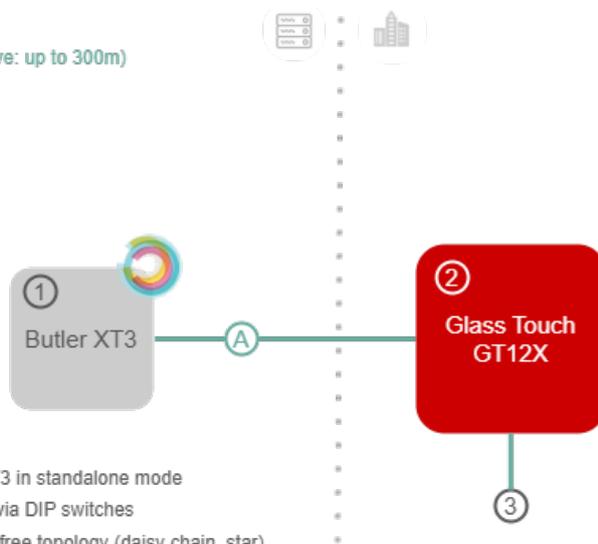
## A) DALI-2 (2-wire cabling - up to 300m)



- 1) Software, running on SYMPL Fusion in standalone mode, or 3rd party DALI controller
- 2) free topology (daisy chain, star)

## b) e:bus2 protocol

## A) e:bus2 (2-wire cabling - tentative: up to 300m)



- 1) Software, running on Butler XT3 in standalone mode
- 2) manual address configuration via DIP switches
- 3) up to 8 x Glass Touch GT12X, free topology (daisy chain, star)



ETL pending