

# TOCA-CTRL1

## WALL & DESKTOP CONTROL INTERFACES

### *Digital Wall Panel Control*



### PRODUCT OVERVIEW

**TOCA-CTRL1** is a digital wall control compatible with HUB Series and configurable through the web application embedded. It allows you to configure source selection, volume control and equalization for a given zone, including all or some of the functions.

Can be combined with a TOCA series wall panel, connecting both with a single CAT5 cable or higher to the HUB digital zoner, transmitting the mono and balanced audio signal (line level) along with the necessary control data and DC power supply.

The TOCA Series is Ecler's new generation of remote control wall panels for audio systems, designed to seamlessly replace the WPa Series from 2026 onwards. Featuring a modern, elegant, and discreet aesthetic, TOCA panels offer intuitive control and easy installation, meeting the needs of both installers and end users.

Among the main improvements are updated electronics, compatibility with standard flush-mounted boxes, availability in black and white versions, and a high-quality acrylic surface. TOCA panels are designed to deliver reliability and ease of use, making them the ideal solution for professional audio environments where design, functionality, and installation flexibility are essential.

## KEY FEATURES

- Digital wall control panel compatible with HUB Series digital zoners.
- Volume adjustment, source selection and EQ (programmable).
- Compatible with TOCA Series panels with audio connector, for sending audio, control signals and DC supply over a single CAT5 or higher cable.
- Can be combined with a TOCA-MIXT to work as a remote audio input for HUB Series digital zoner.
- Optional external PSU (24VDC). Compatible with Ecler WP24-PSU power supply unit.
- Compatibility with standard flush-mounted boxes.
- High-quality acrylic surface.
- Available in white (RAL 9003) or black (RAL9005).
- Optional double frame for installing two TOCA Series units side by side. Available in black (TOCA-2FRBK) or white (TOCA-2FRWH).

## APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate
- Sport & Wellness

## ACCESSORIES & COMPATIBLE PRODUCTS

- WP24-PSU
- HUB Series
- TOCA-MIXT
- TOCA-2FRWH
- TOCA-2FRBK

## TECHNICAL SPECIFICATIONS

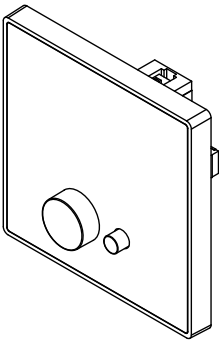
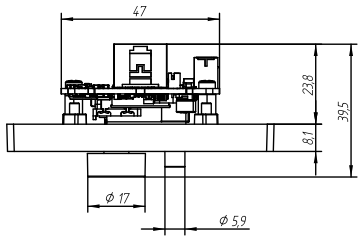
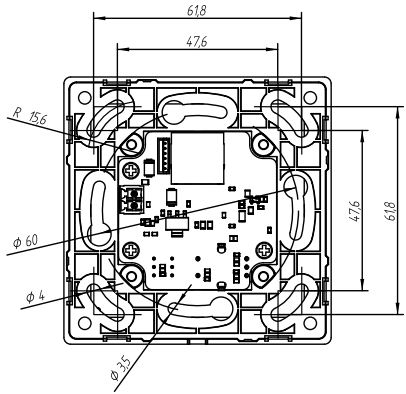
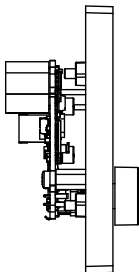
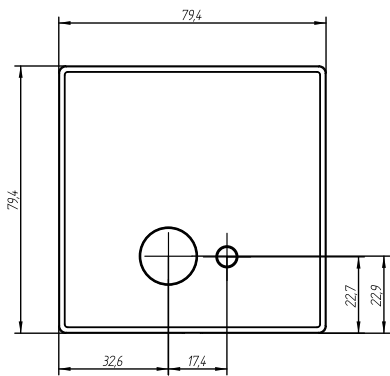
## TOCA-CTRL1

|                             |  |                                                                                                                                 |
|-----------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|
| SYSTEM                      |  |                                                                                                                                 |
| Number of output channels   |  | 1                                                                                                                               |
| Number of input channels    |  | 1                                                                                                                               |
| LINE INPUTS                 |  |                                                                                                                                 |
| Input connection type       |  | 6-pin JST from MIX-T                                                                                                            |
| LINE OUTPUTS                |  |                                                                                                                                 |
| Output connection type      |  | RJ45                                                                                                                            |
| SCREEN/DISPLAY              |  |                                                                                                                                 |
| Resolution                  |  | 128x128 pixels                                                                                                                  |
| Display                     |  | LCD                                                                                                                             |
| MONITORING AND CONTROL      |  |                                                                                                                                 |
| Buttons                     |  | Encoder, Selection key                                                                                                          |
| CONNECTIVITY                |  |                                                                                                                                 |
| Ethernet                    |  | 1 RJ45 connector, cable: Cat-5e or better                                                                                       |
| Programing and control      |  | Configurable through the web application HANGAR                                                                                 |
| ELECTRICAL                  |  |                                                                                                                                 |
| Power supply                |  | Optional, 24VDC (min. 30mA).<br>Recommended external power supply: Ecler WP24-PSU                                               |
| PHYSICAL                    |  |                                                                                                                                 |
| Type                        |  | Wall panel control                                                                                                              |
| Format                      |  | Single Gang EU Format                                                                                                           |
| Installation options        |  | Surface, In - wall                                                                                                              |
| Enclosure material          |  | Acrylic front panel, plastic frame                                                                                              |
| Operating temperature       |  | Min: 0°C / 32°F<br>Max: 35°C / 95°F                                                                                             |
| Operating humidity          |  | <85% HR                                                                                                                         |
| Storage temperature         |  | Min: -10°C / 14°F<br>Max: 50°C / 122°F                                                                                          |
| Storage humidity            |  | <90% HR                                                                                                                         |
| Finished colour             |  | White (RAL 9003) / Black (RAL9005)                                                                                              |
| Included accessories        |  | 1x Euroblock connector                                                                                                          |
| Optional accessories        |  | Optional double frame for installing two TOCA Series units side by side. Available in black (TOCA-2FRBK) or white (TOCA-2FRWH). |
| Dimensions (WxHxD)          |  | 80 x 80 x 25 mm / 3.15 x 3.15 x 0.98 in.                                                                                        |
| Weight                      |  | 0.1 kg / 0.22 lb                                                                                                                |
| Pieces per box              |  | 1                                                                                                                               |
| Shipping dimensions (WxHxD) |  | 150 x 110 x 100 mm / 5.91 x 4.33 x 3.94 in.                                                                                     |
| Shipping weight             |  | 0.21 kg / 0.46 lb                                                                                                               |

MECHANICAL DIAGRAM



Ecler TOCA-CTRL1 Mechanical Diagram



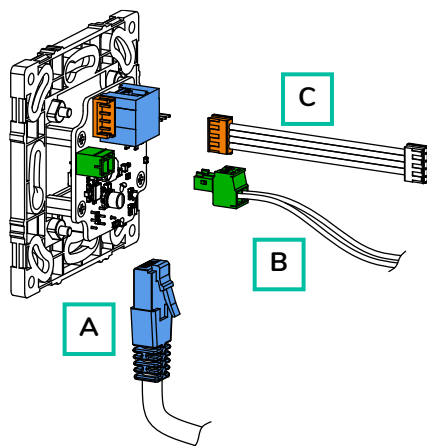
All the measurments are in mm

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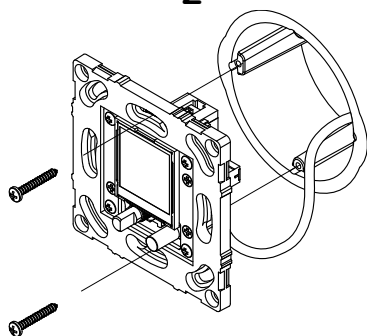
## INSTALLATION DIAGRAM

1



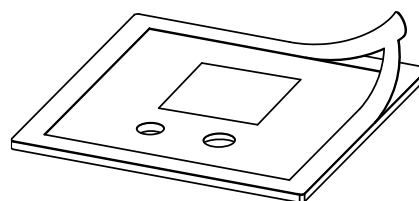
- A. Insert an RJ45 connector (not supplied) into the device. This connection is always required.
- B. If the cable length requires an external power supply, connect the PSU to the supplied Euroblock connector, then insert the connector into the device. **Refer to the Connection Diagram section for cable-length limits and PSU wiring.**
- C. If the device is used together with a TOCA-MIXT unit, connect both units using the supplied wire connector with the TOCA-MIXT unit. In this configuration, Connector A is always required, and Connector B is required depending on the cable length.

2



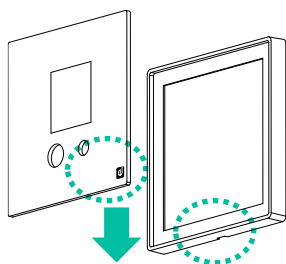
Secure the device to the surface-mount or flush-mount box using the appropriate screws (mounting boxes and screws not supplied).

3



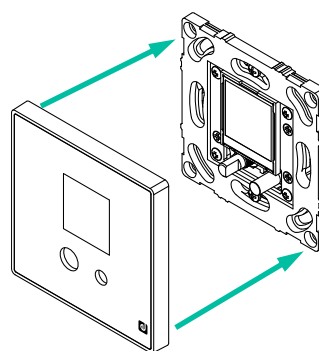
Remove the adhesive protective layer from the front panel cover

4



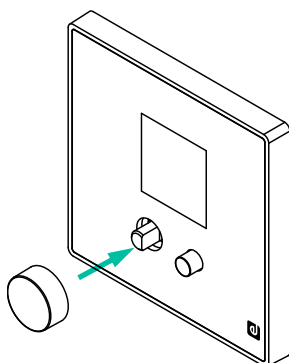
Carefully attach the front panel cover to the frame, ensuring that the slot in the frame is positioned at the bottom to allow for subsequent removal if necessary.

5



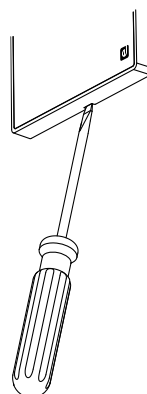
Once the front panel cover is attached to the frame, place both onto the device and press until they snap into place with an audible click.

6



Install and secure the encoder rotary knob, ensuring that it is properly attached.

7



 To remove the front panel after installation, insert a flat-head screwdriver into the slot located at the bottom of the frame and gently lever it outward to release it.

## CONNECTION DIAGRAM

The maximum lengths for CAT5 or higher cable connecting TOCA-CTRL1 to a HUB unit depend on the AWG category of the cable used. Examples:

|                        | AWG24 Cable<br>Max. Length | AWG23 Cable<br>Max. Length | AWG22 Cable<br>Max. Length |
|------------------------|----------------------------|----------------------------|----------------------------|
| TOCA-CTRL1             | 270 metres                 | 340 metres                 | 425 metres                 |
| TOCA-CTRL1 + TOCA-MIXT | 85 metres                  | 105 metres                 | 130 metres                 |



If the cable length exceeds the recommended limit shown above, the TOCA-CTRL1 may continue to operate, but noise may be superimposed on the signal entering the TOCA-MIXT. To avoid this, power the TOCA-CTRL1 with an external 24 VDC PSU (the Ecler WP24-PSU is the recommended option). With an external PSU and good-quality CAT5e cable, digital data exchange between the HUB unit and TOCA-CTRL1 has been successfully tested over wiring distances of up to 600 metres.

