



# TC SERIES SMART TOUCHSCREENS

Signal processing, AVoIP channels, and customized system control for diverse AV environments.

## OVERVIEW

The TC Series touchscreens can be located anywhere that is convenient for users to manage their AV systems.

Signal processing, audio channels, and control all in a single unit.

Control screens can include a variety of parameters, display branding, and provide easy-to-use buttons, sliders, and navigation.

Batch export/update from DesignOps software to multiple touchscreens.

Control Screens can be designed with any language and font to make operation clear in native languages.

Multiple pages with custom controls, backgrounds, logos and more are created and exported to suit specific user requirements.

TC Series touchscreens fit US or Euro double-gang receptacles and utilize PoE+.

## KEY BENEFITS

### Single Unit Solution

In addition to platform control including third-party devices, TC Series offers advanced signal processing and Dante channels all up to 96k.

### High-Quality Display

High-Definition, bright screens with room to fit all the controls users need.

### Choice of Sizes

User requirements are precisely matched by having the choice of the smaller T5C for applications needing just a few controls, the larger T10C for applications needing to present a substantial amount of information and controls to the user with the T7C in between.

### Control Extensibility

Extend control with other Cognio hardware and third-party devices, along with use of personal devices through web server integration giving users exactly what they need without unnecessary complexity.

### Easy Connectivity

With PoE+ integration, installation is simplified with only one cable needed for connection to a PoE+ enabled network.

### Interface Customization

TC Series touchscreens are fully configurable with Symetrix Cognio DesignOps software for integrators to tailor control screens to display multiple pages, unique backgrounds, colors, fonts, symbols, and custom graphics.

### Comprehensive Tools

Audio system designers have the power to create, test offline, and deploy unique looks and feels providing personalized user experiences with no additional skills, training, programming, or licenses needed.

### Flexible Mounting

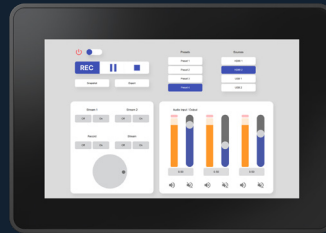
Mounting is easy with a variety of configurations. TC Series touchscreens can be wall mounted in any US or EU 2-gang receptacle box using the same mounting hardware for all models. Optional tabletop stands are available.

## PRIMARY CAPABILITIES

- 16×16 transmit and receive Dante channels
- 48 kHz/96 kHz, 24-bit Open Architecture Signal Processing
- 1 × 1Gb Ethernet port
- Run multiple independent Signal Flow Spaces on a single system
- Extensive control options via Symetrix Cognio DesignOps control screens, TC-Series touchscreens, WC-Series remotes, and TCP/UDP
- Web server for third party control and personal device integration
- Third-party control via extensive driver library and custom Lua scripting
- External Control using JSON-RPC
- Meets modern security standards including encrypted communications, secure boot, secure firmware updates, and hardware locking
- POE+ power
- Fits US and Euro double-gang wall and junction boxes



**T5C:**  
5-inch 1280×720 resolution,  
500 nit brightness



**T7C:**  
7-inch 1280×800 resolution,  
500 nit brightness



**T10C:**  
10-inch 1920×1200 resolution,  
850 nit brightness



## APPLICATIONS

- Venues
- Business
- Education
- Hospitality
- Worship

## COMMON USE CASES

- Run an entire room or other space with a single touchscreen module.
- Provide configuration of systems for routing audio from an external live sound mixer.
- Switch to using direct microphone sources on stages for smaller performances using presets.
- Recall presets to control settings including levels, muting, lighting and window coverings.
- Configure interfaces for paging, live announcements, and recalling pre-recorded messages
- Set local control of microphones and device inputs with presets for key activities in all spaces.
- Control key audio sound sources and control background music in different zones.
- Utilize multiple interfaces to manage a single room or different combinations of rooms.



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