

## TC- Series Smart Touchscreens

TC-Series smart touchscreens provide 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 access their AV systems.

All three sizes of touchscreens include signal processing, Dante audio channels, and control all in a single unit to provide everything needed for an entire space.

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

TC- Series touchscreens leverage the Symetrix COGNIO DesgnOps software application for configuration, programming, and interface authoring to quickly design, create, test, and simulate a variety of control screens offline.

Batch export/update from DesgnOps to multiple touchscreens at once makes management fast and easy.

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 for easy installation and utilize power over Ethernet eliminating the need for external power supplies.

### USE CASES

#### Venues

Performance spaces need control for various activities and configurations. A TC- Series can cover rehearsal rooms or lobby areas. A TC- Series touchscreen at front of house can provide configuration of the system for routing audio from an external live sound mixer. A different preset can switch to using direct microphone sources on stages for smaller performances.

#### Conferencing

Conference rooms need signal processing, audio channels, and control for unified communications and on-site presentations. In addition to processing audio including levels and muting, by recalling presets users can control microphone inputs and speaker outputs along with aspects such as lighting and window coverings utilizing Intelligent Module software controls.

#### Education

School campuses need processing, control, monitoring, and routing of audio channels to all the rooms in a school for paging, live announcements, and recalling pre-recorded messages typically from a main office. Auditoriums, gymnasiums, and cafeterias can also use TC- Series touchscreens for local processing and control of microphones and device inputs with presets for the key activities performed in each type of space.

## Hospitality

Ballrooms, event spaces, performance areas in hotels and restaurants need audio processing and control of the key audio sound sources and announcements. TC- Series touchscreens can be configured to manage all these aspects as well as controlling background music channels in different zones. Touchscreens can include multiple interfaces to easily manage as a one button solution for a single room or different combinations of rooms with automatic I/O routing.

## Worship

Many religious institutions need an easy way to manage services and other activities. The touchscreens can manage family rooms and other spaces. A TC- Series touchscreen provides the ability to automatically recall presets set for each type of event on a daily basis. Presets can manage channels and processing of devices, setting volume levels, and controlling HVAC, lighting, and video systems.

### KEY BENEFITS

- High-Definition, bright screens with room to fit all the controls users need.
- User requirements are precisely matched by having the choice of the smaller TC -5 for applications needing just a few controls, the larger TC -10 for applications needing to present a substantial amount of information and controls to the user with the TC -7 in between.
- Control capabilities for Symetrix systems and third-party devices are enhanced with TC-Series powerful processing and customizable features giving users exactly what they need without unnecessary complexity.
- TC -Series touchscreens are fully configurable with Symetrix COGNIO design and management software allowing users to tailor the screen to display a complete custom control screen including multiple pages, unique backgrounds, colors, fonts, symbols, and custom graphics.
- 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.
- Mounting is flexible and easy with a variety of configurations. TC- Series touchscreens can be wall mounted in any U.S. or EU 2-gang receptacle box using the same mounting hardware for all models. Optional tabletop stands are also available.
- With PoE integration, installation is simplified with only one cable needed for connection to a PoE enabled network switch.

### PRIMARY CAPABILITIES

- 16 x16 Dante channels
- 2 AEC
- 96 kHz / 24-bit Signal Processing
- Web server functionality for third party control / personal device integration
- Programming, configuration, and interface creation with COGNIO DesignOps software
- Batch configuration of multiple units per system
- PoE+ powered
- 1Gb Ethernet port
- Fits US and Euro double-gang wall and junction boxes
- Multi-lingual control screen support
- TC- 5: 5-inch 1280×720 resolution, 500 nit
- TC- 7: 7-inch 1280×800 resolution , 500 nit
- TC- 10: 10-inch 1920×1200 resolution, 850 nit