

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER



USER GUIDE

SUMMARY

This guide provides the basic steps for configuring the C-T4 / C-T4BT controllers with the Atmosphere AZM audio system controller.

This guide covers:

- [C-T4 Series Introduction](#)
- [Key Features](#)
- [Technical Specifications](#)
- [Dimensional Drawings](#)
- [Compatibility and Usage](#)
- [Atmosphere Accessory Port Limitations](#)
- [Device Configuration](#)
 - [Device Discovery](#)
 - [Volume Slider](#)
 - [Configurable Action Buttons](#)
 - [Bluetooth Audio](#)
 - [Sensors](#)
 - [Zone Control](#)
 - [Source Control](#)
 - [Actions](#)
 - [Screen Settings](#)
 - [Onboard Settings](#)
 - [Using Motion Sensor with System Logic](#)
 - [Device Emulation in Web GUI](#)
 - [QR Mobile Controller](#)

INTRODUCTION

The AtlasIED Atmosphere C-T4 series wall controllers bring advanced functionality and intuitive design to the Atmosphere audio control system. Featuring a 4.3-inch programmable touchscreen, capacitive touch volume slider, and customizable action buttons, these controllers make managing zones, sources, and system actions effortless.

Built with a PIR motion sensor, the C-T4 series adds intelligent automation by triggering system behavior based on room occupancy. Designed for seamless plug-and-play integration, the C-T4 series controllers connect directly to Atmosphere AZM head-end processors via CAT5e cabling and support daisy-chaining over distances of up to 1,000 feet, ensuring flexible installation options. With a sleek 2-gang design, the C-T4 series fits into standard wall boxes and is available in four variants to meet aesthetic and functional preferences, including options for Bluetooth audio and color finishes in black or white. Ideal for commercial spaces, the C-T4 series combines innovative control features with elegant design to elevate any audio environment.

For additional product specifications, see [C-T4 Datasheet](#). For information regarding product installation, see the [C-T4 Installation Guide](#).

FEATURES

- **4.3" Programmable Touchscreen:** Customizable interface for streamlined control of zones, sources, and actions.
- **Capacitive Touch Volume Slider:** Smooth, intuitive volume adjustment for precise audio control.
- **Programmable Action Buttons:** Quick-access buttons for easy execution of preset commands or configurations.
- **PIR Motion Sensor:** Automatically trigger actions or behaviors on the AZM processor based on motion detection.
- **Automatic LCD Brightness:** Adjust LCD brightness automatically based on ambient lighting conditions.
- **Plug-and-Play Integration:** Effortlessly connects to Atmosphere AZM head-end processors for seamless system operation.
- **Daisy-Chain Connectivity:** Supports up to 1,000 feet of daisy-chaining for flexible installation across larger spaces.
- **Multiple Variants:**
 - C-T4: White
 - C-T4-B: Black
 - C-T4BT: White, includes Bluetooth audio
 - C-T4BT-B: Black, includes Bluetooth audio
- **Standard 2-Gang Design:** Easy to install in a wide variety of commercial environments.

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER



USER GUIDE

TECHNICAL SPECIFICATIONS

C-T4BT (BLUETOOTH MODEL)	
Bluetooth Standard	V4.2
Audio Profile	A2DP
Open Air Range	Up to 100ft
Output Type	Stereo (default) or Mono, configurable in AZM web GUI
LED Indicator	Green: Paired Red: Error Blue (pulsing): Pairing mode Blue (blinking): Locating mode Yellow: Firmware updating
Buttons	2x Programmable buttons (A, B) 1x Bluetooth button
Dimensions (Height x Width x Depth)	5.3" x 5.5" x 1.4" (136mm x 141mm x 36mm)
C-T4BT Minimum Box Depth	1.8" (46mm)
Volume Slider	Capacitive Touch Slider
Motion Sensor Type	PIR
Motion Sensor Range	Up to 30ft
Ambient Light Sensor	Yes, automatic LCD/LED brightness
Custom Bluetooth Name	Yes, definable in AZM web GUI
Color Options	White / Black
Compatibility	Compatible with all Atmosphere AZM / AZMP system processor running software v4.5 or greater
Max Number of Units per AZM System	2 (AZM4 / AZMP4 / AZM4-D / AZMP4-D) or 4 (AZM8 / AZMP8 / AZM8-D / AZMP8-D / AZMP8-DW). One per port

C-T4 (NON-BLUETOOTH MODEL)	
Indicator	Red: Error Blue: (blinking): Locating mode Yellow: Firmware updating
Button	3x Programmable buttons (A, B, C)
Dimensions (Height x Width x Depth)	5.3" x 5.5" x 1.4" (136mm x 141mm x 36mm)
C-T4 Minimum Box Depth	1.8" (46mm)
Volume Slider	Capacitive Touch Slider
Motion Sensor Type	PIR
Motion Sensor Range	Up to 30ft
Ambient Light Sensor	Yes, automatic LCD/LED brightness
Color Options	White / Black
Compatibility	Compatible with all Atmosphere AZM / AZMP system processor running software v4.5 or greater
Max Number of Units per AZM System	12 per AZM (any model)

C-T4 / C-T4BT

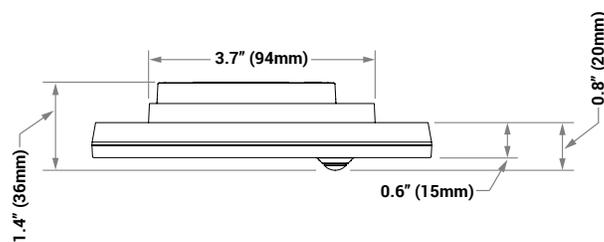
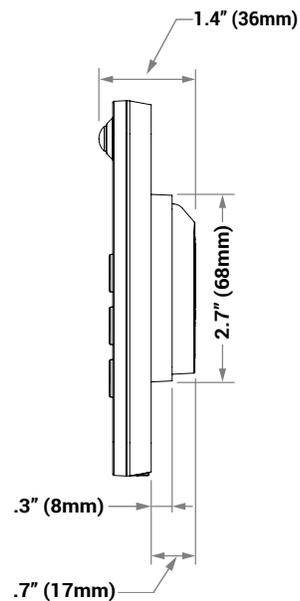
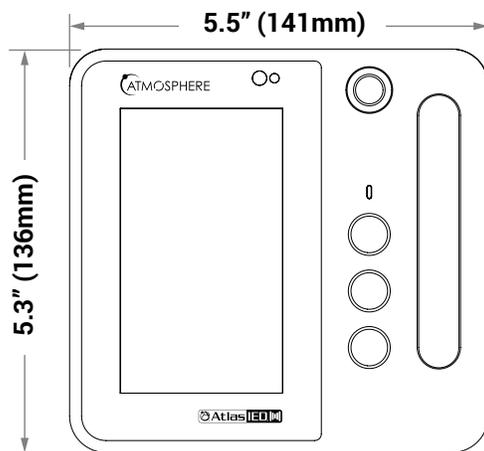
ATMOSPHERE WALL CONTROLLER

USER GUIDE



DIMENSIONAL DRAWINGS

C-T4 PRODUCT DIMENSIONS	
Height	5.3" (136mm)
Width	5.5" (141mm)
Depth	1.4" (36mm)
Depth From Surface (max)	0.8" (20mm)
Depth From Surface (LCD)	0.6" (15mm)
Mounting Depth	0.7" (17mm)
Mounting Cavity Width	3.7" (94mm)
Mounting Cavity Height	2.7" (68mm)
Mounting Cavity Depth	0.3" (8mm)



C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER



USER GUIDE

COMPATIBILITY AND USAGE

Each Atmosphere Accessory Port can accommodate a single audio accessory and a varying amount of control accessories, limited by the number of “slots” they consume on a port. Each port allows for a maximum of 8 slots.

Both the C-T4 and C-T4BT consume 2 of the 8 slots per accessory port. Additionally, the C-T4BT is an audio device and occupies the sole audio slot per accessory port. A maximum of 12 C-T4 devices can be connected to any 8-Zone AZM. A maximum of 8 C-T4 devices can be connected to any 4-Zone AZM. A maximum of 2 C-T4BT devices can be connected to any 4-Zone AZM (1 per port, A/B). A maximum of 4 C-T4BT can be connected to any 8-Zone AZM (1 per port, A/B/C/D).

MODEL	DESCRIPTION	#POWER SLOTS	AUDIO SLOT?	MAX PER AZM 4-ZONE *	MAX PER AZM 8-ZONE *
C-T4BT	Multi-zone touch controller w/Bluetooth audio	2	Yes	2	4
C-T4	Multi-zone touch controller	2	No	8	12
C-V	Volume controller	1	No	16	16
C-ZSV	Multi-zone controller	1	No	16	16
X-ZPS	Paging station	3	Yes	2	4
A-RCA	RCA audio input	1	Yes	2	4
A-XLR	XLR audio input	1	Yes	2	4
A-BT	Bluetooth audio input	1	Yes	2	4
X-ANS	Ambient Noise Sensor	1	No	8	8

* Listed maximums do not add together. See next section "Atmosphere Accessory Port Limitations" for more information regarding system limitations.



C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

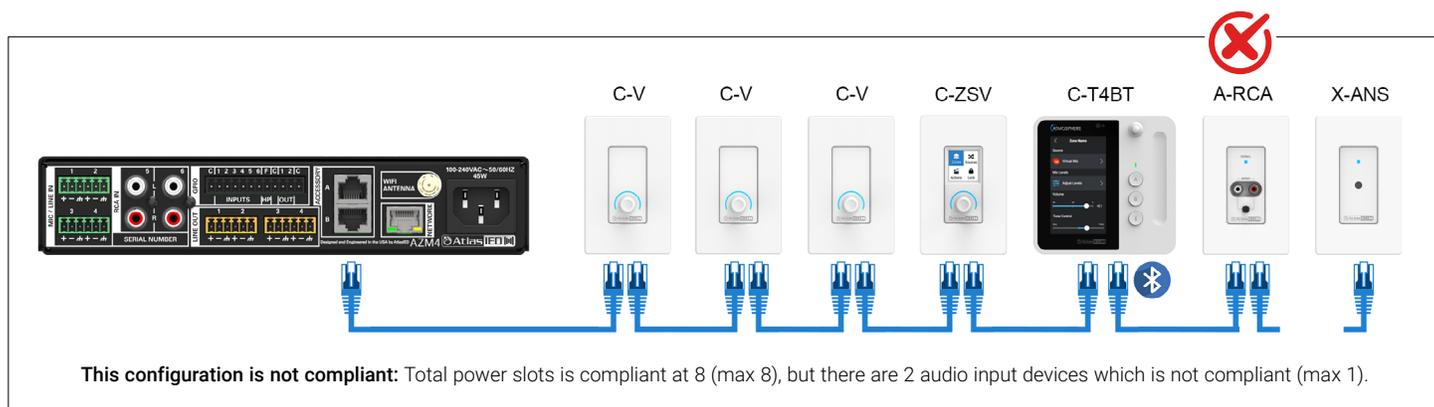
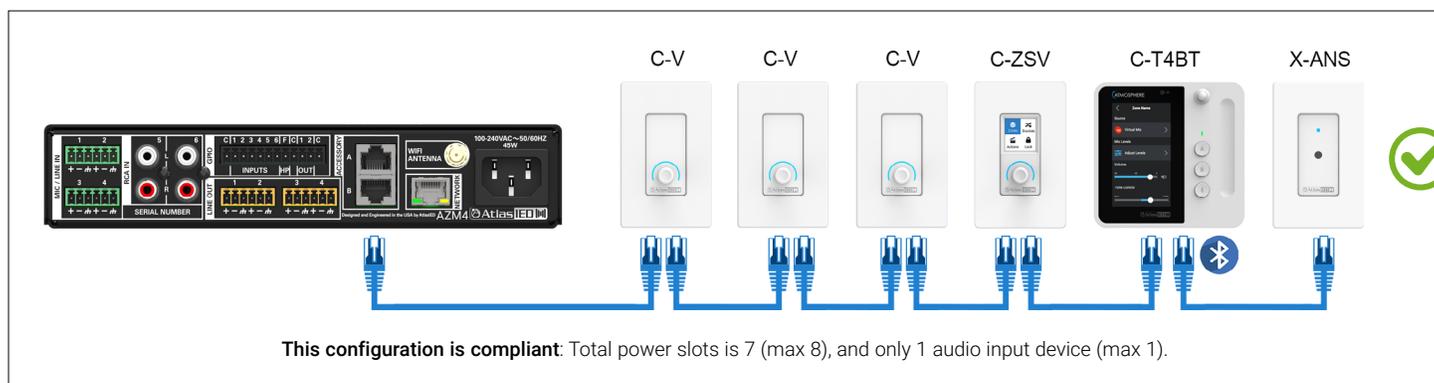
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ATMOSPHERE ACCESSORY PORT LIMITATIONS

The following information pertains to general capabilities of the Atmosphere Accessory Ports:

- Up to 16 accessories per AZM / AZMP.
- Up to 8 devices per port (8 slots) in daisy-chain configuration.
- A single (1) audio input per accessory port (A-RCA, A-XLR, A-BT, X-ZPS, C-T4BT).
- Up to 8 ANS sensors per AZM / AZMP across all ports.
- Total daisy-chain length up to 1000 feet.



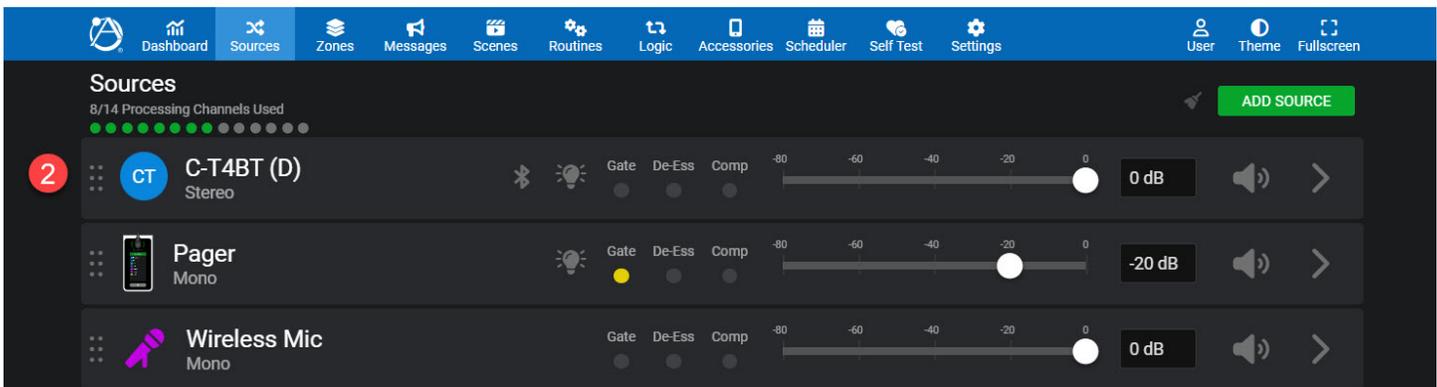
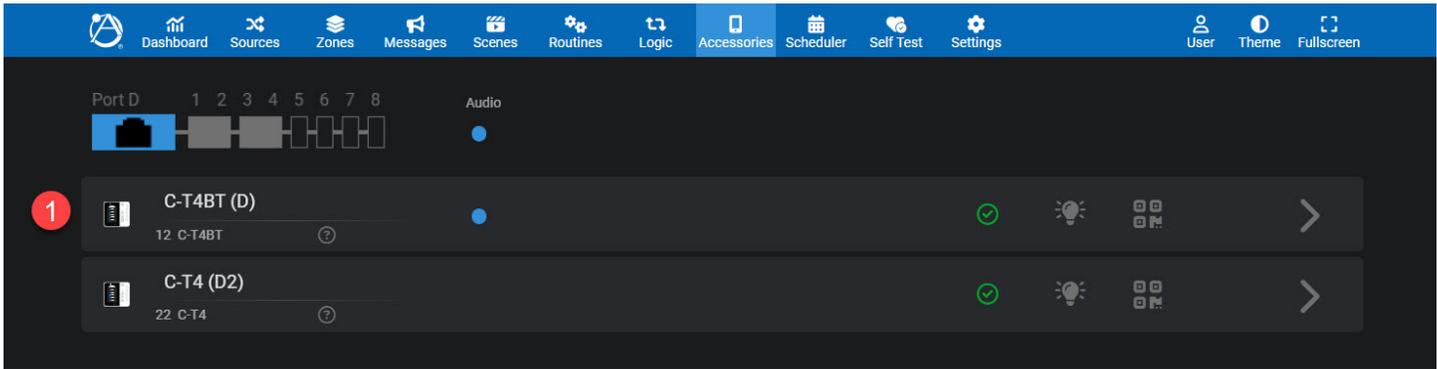
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



DEVICE DISCOVERY



The C-T4 accessories, like all other Atmosphere accessories, are plug-and-play devices. When connected to an AZM head end system the C-T4 will boot up, identify itself with the AZM, automatically update firmware, and is ready for configuration.

Note: Ensure the AZM head end device is on v4.5 or greater prior to connecting a C-T4 device.

1. **Controller Discovery:** When a C-T4 is connected to an AZM accessory port, it will appear under the main Accessories tab in the AZM's web GUI.
2. **Audio Source Discovery:** The C-T4BT models include Bluetooth audio and will automatically create an audio Source shown in the Sources tab. By default, this Source is Stereo, but it can be changed to mono within the Source settings.
3. **Device Firmware Updates:** If the C-T4 device firmware does not match the AZM system firmware the AZM will automatically update the controller firmware. Status of this firmware update can be seen on the Accessories and Dashboard tabs, as well as device LCD. When complete the C-T4 will reboot and be ready for configuration.

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



VOLUME SLIDER

The C-T4 devices include a capacitive touch slider devoted to volume control of Zones and Sources within a dedicated "Volume" menu. The Volume menu can be accessed from either the Home screen or from anywhere by simply touching the grooved slider. The Volume menu can be configured to control multiple volume controls.

- 1. Available Volume Controls:** The total list of possible volume controls that can be assigned to the Volume menu. This list includes all configured Zones, Groups, Sources, Mixes, and Mix Inputs. Click the checkbox next to the desired items to add them to the list of Included Volume Control Items. The touch slider Volume screen will adjust the volume in the following ways:
 - **Zones:** Adjust the volume of the Zone. If a Zone is actively combined within a Group the touch slider will control the Group Offset for this Zone within the Group, and not the entire Group volume
 - **Groups:** Adjusts volume of the entire Group. If the Group is not currently combined, the LCD will indicate that it is not combined, and adjustments will not be heard.
 - **Sources:** Adjusts volume of the Source. Please note that Sources can be assigned to multiple Zones, and adjusting the Source volume may affect volume in multiple Zones.
 - **Mixes:** Adjusts volume control of the main Mix fader.
 - **Mix Inputs:** Mixes can be expanded to show the individual Mix Inputs within that Mix. These Mix Inputs can be assigned to the volume slider independent of the primary Mix volume.

(CONTINUED ON NEXT PAGE)

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



VOLUME SLIDER (CONTINUED)

- Included Volume Controls:** When an Available Volume Control is selected it will appear in the list of Included Volume Controls. The Volume menu can control a maximum of 16 volume controls.
 - Volume subrange:** Expand the Settings button to view and adjust volume subranges to limit the volume range available to the user. The minimum allowable range between min to max is 10dB.
 - Allow mute:** An adjustable Mute control is available by default but can be hidden by unselecting the Allow Mute toggle switch.
 - Reorder Items:** Use the 6-dots icon to drag and drop volume controls to the preferred order. This order will show up on the LCD from left (top) to right (bottom). To navigate between the Included Volume Controls on the C-T4 LCD use arrows at the top of the Volume menu.
- Screen Timeout:** When enabled the Volume menu will automatically close once the timeout period elapses with no adjustments. When not enabled the volume menu will not close automatically.
- Menu Settings:** Configure a specific volume control to be active each time the volume menu is entered for easy access to the most used volume control, or open to the last used volume control.
- Security Settings:** The security PIN can be bypassed for easy volume adjustments without allowing access to further settings on the controller. This only applies to controllers with PIN enabled.

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



CONFIGURABLE ACTION BUTTONS

Each C-T4 device includes programmable Action buttons to quickly recall the most used Actions within a system, such as a Scene, Message, or IP Command. The C-T4 includes 3 programmable buttons (A, B, C) while the C-T4BT includes two buttons (A, B) with the third button dedicated to Bluetooth menu (see later section).

1. **Action selection:** Choose the Action type and specific Action to be recalled when the button is pressed.
2. **Bypass Confirmation:** When selected, the action will occur immediately after button press without user confirmation popup on LCD (Yes/No).
3. **Bypass PIN:** When selected, the action can be recalled without needing to enter device security PIN (if applied).

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



BLUETOOTH AUDIO

The C-T4BT variant includes an onboard Bluetooth audio receiver, allowing devices to easily transmit audio to the AZM. The C-T4BT transmits stereo audio by default but can be downmixed to mono within the Source settings. Use this Bluetooth subtab to monitor, configure, and test the status of Bluetooth audio.

1. **Bluetooth name:** Choose a custom Bluetooth broadcast name to easily identify this device. This is the name that will be shown on devices when pairing.
2. **Bluetooth MAC:** A read-only indication of Bluetooth MAC address. This may be helpful when troubleshooting.
3. **Pair status:** Use the pair/unpair button to place the C-4BT into pairing, and to unpair it from a paired device. The status icon will indicate the current state of Bluetooth pairing (Disabled, Broadcasting, Connected, Timeout).
4. **Source Settings:** When selected the GUI will navigate to the audio DSP settings associated with this Bluetooth Source.

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



SENSORS

The C-T4 series controllers include a PIR motion sensor capable of detecting motion up to 30 feet. Settings related to device sensors can be found on this tab. Actions and other system behavior can be configured based on the status of C-T4 motion sensor readings. To configure this behavior, refer to the "Motion Sensor with System Logic" section of this document.

- Motion Enable switch:** When on (default) the C-T4 controller sends motion detection data to the AZM and can be used with System Logic to create automation rules. When disabled, motion data is not transmitted from C-T4 to the AZM.
- Motion Detected indicator:** Binary indication of whether the device detects motion or not. The indication will remain active until no motion is detected for the duration of the Hold Time. This indication is what the AZM will use for any motion-based logic.
- Motion meter:** A meter showing relative magnitude of PIR motion readings. This may be helpful when determining exact placement of the device, or for observing how the sensor works with various environmental factors.
- Motion Hold Time:** The amount of time motion will be considered 'active' after the last measured motion event (max 3600 seconds). Use this to customize motion-based behavior in System Logic engine. The Hold Time is a global value for the selected C-T4 controller and will be used with all logic associated with the selected C-T4 motion sensor.

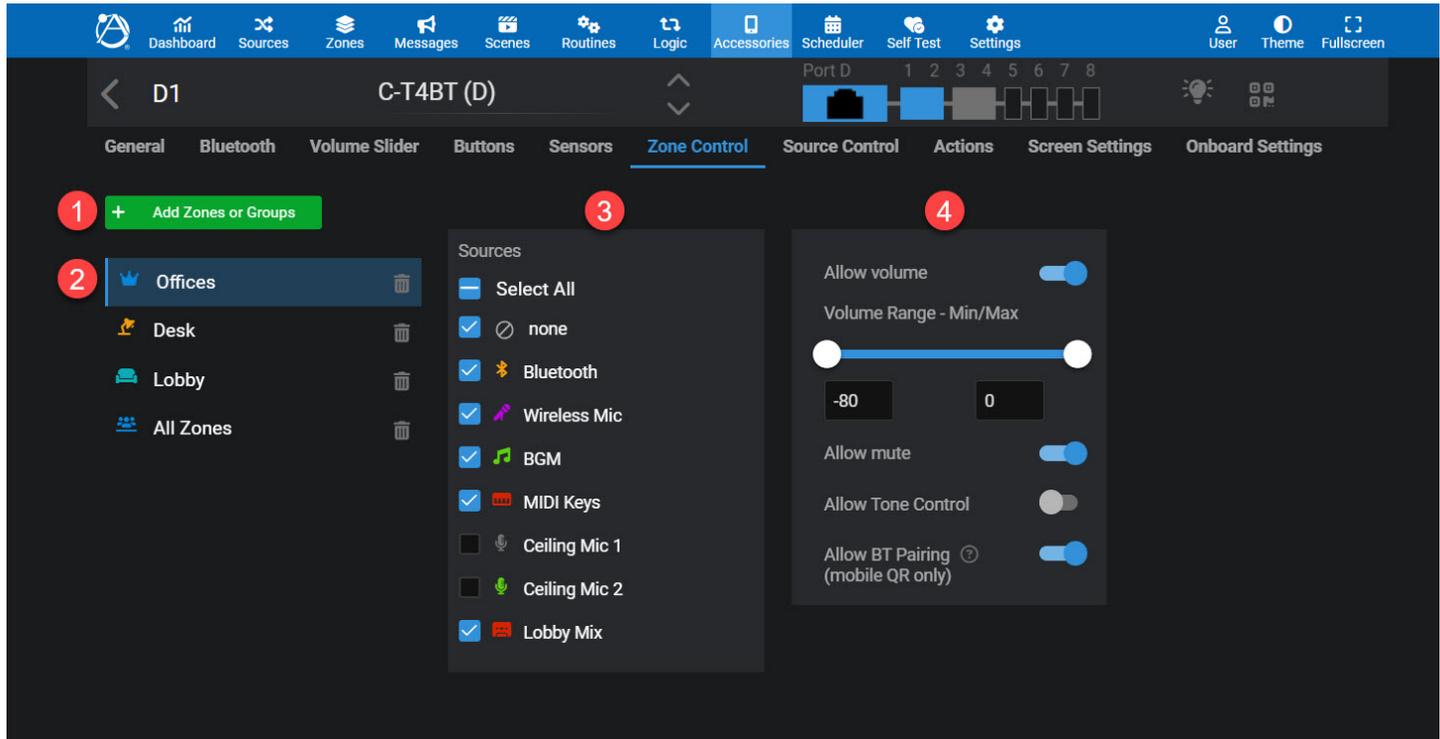
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



ZONE CONTROL



In addition to simple Zone volume adjustments from the Volume Control slider menu, a dedicated “Zones” menu item can be configured for separate control of Zones and Groups. It is recommended to use the Volume Control slider menu for commonly controlled Zones, and this Zone Control menu for advanced access.

- 1. Add Zones or Group:** Add desired Zones and Groups for advanced end-user control. A list of the selected items will appear on the left side of this web GUI menu for further configuration, and a “Zones” menu on the controller’s LCD home screen will appear for device control.
- 2. Zone Selection:** Use the list on the left to select a Zone or Group for detailed configuration. When selected, the information to the right reflects settings for the Zone/Group selection.
- 3. Available Source Selection:** Select which Sources should be included for the selected Zone/Group. This allows the user to change the active Source for the selected Zone. It is recommended to simplify the end-user experience and only include applicable Sources for each Zone/Group.
- 4. Zone control details:** Each Zone/Group can be customized in several ways beyond Source selection, including:
 - **Allow volume:** When enabled (default) the C-T4 allows volume adjustment of the selected Zone. When disabled volume adjustment is removed from the LCD.
 - **Volume subrange:** Limit the volume range available for the end user on the selected Zone. The minimum allowable range between min to max is 10dB.
 - **Allow mute:** When enabled (default) the C-T4 allows mute control of the selected Zone. When disabled the mute control is removed from the LCD.
 - **Allow Tone Control:** When enabled, a Tone Control slider is shown on the LCD, allowing end user control to boost bass/treble.
 - **Allow BT Pairing:** Allow the mobile QR version of this wall controller to pair/unpair a Bluetooth device when an A-BT or C-T4BT device is the active source. **Note:** this is only applicable to the mobile (QR) version of this controller, and this does not apply to the LCD control on the C-T4.
 - **Allow Combine/Uncombine:** When enabled (default) the C-T4 allows the user to Combine/Uncombine a Group. **Note:** This option is only applicable to Groups and is not an available option for Zones.
 - **Allow Offset Adjust:** When enabled (default) the C-T4 allows the user to adjust Volume Offsets for Zones that make up a Group. **Note:** This option is only applicable to Groups and is not an available option for Zones.
 - **Enhanced Privacy Control:** When enabled the C-T4 allows the Sound Masking Enhanced Privacy function to be turned on/off. **Note:** This option is only applicable to Zones with Sound Masking enabled.

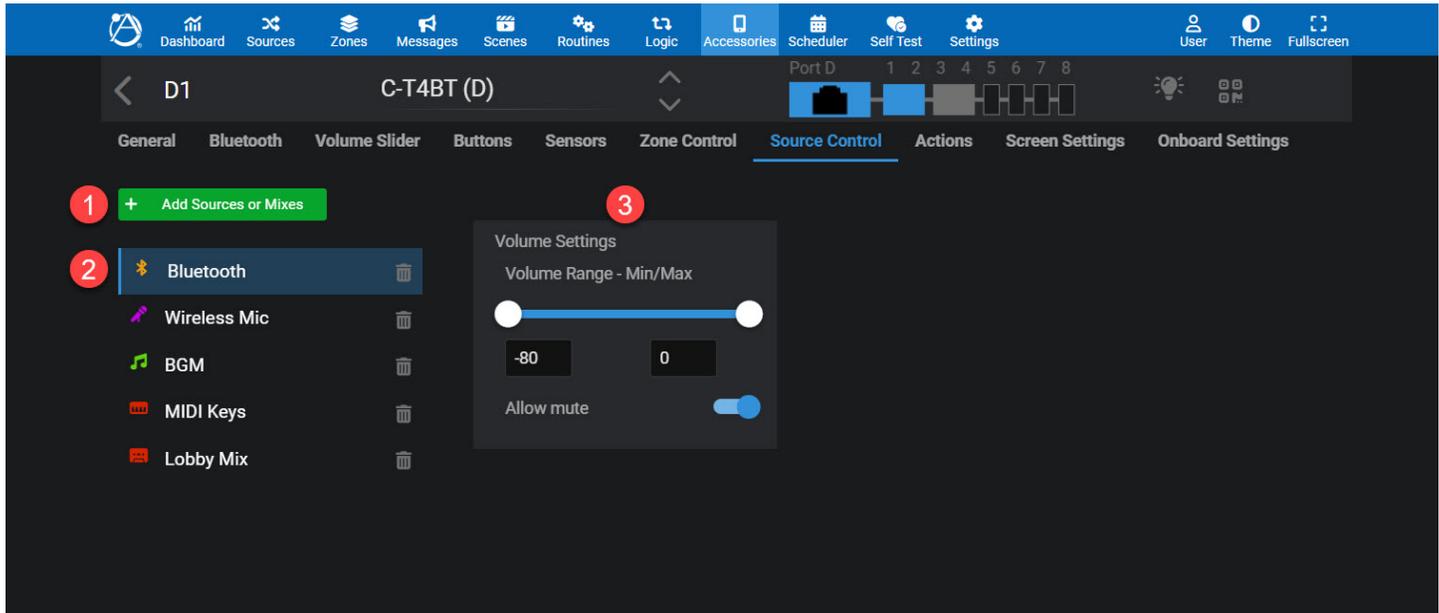
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



SOURCE CONTROL



In addition to simple Source volume adjustments from the Volume Control slider menu, a dedicated “Source” menu item can be configured for separate control of Source and Mix levels. It is recommended to use the Volume Control slider menu for commonly controlled Sources, and this Source Control menu for advanced access.

- 1. Add Sources or Mixes:** Add desired Sources and Mixes for end-user control. A list of the selected items will appear on the left side of this GUI menu for further configuration, and a “Sources” menu on the controller’s LCD home screen will appear for device control. Please note that Sources can be assigned to multiple Zones, and adjusting the Source volume may affect volume in multiple Zones.
- 2. Source Selection:** Use the list on the left to select a Source or Mix for detailed configuration. When selected, the information to the right reflects settings for the Source/Mix selection.
- 3. Volume Setting:**
 - **Volume subrange:** Limit the volume range available for the end user on the selected Source. The minimum allowable range between min to max is 10dB.
 - **Allow mute:** When enabled (default) the C-T4 allows mute control of the selected Zone. When disabled the mute control is removed from the LCD.

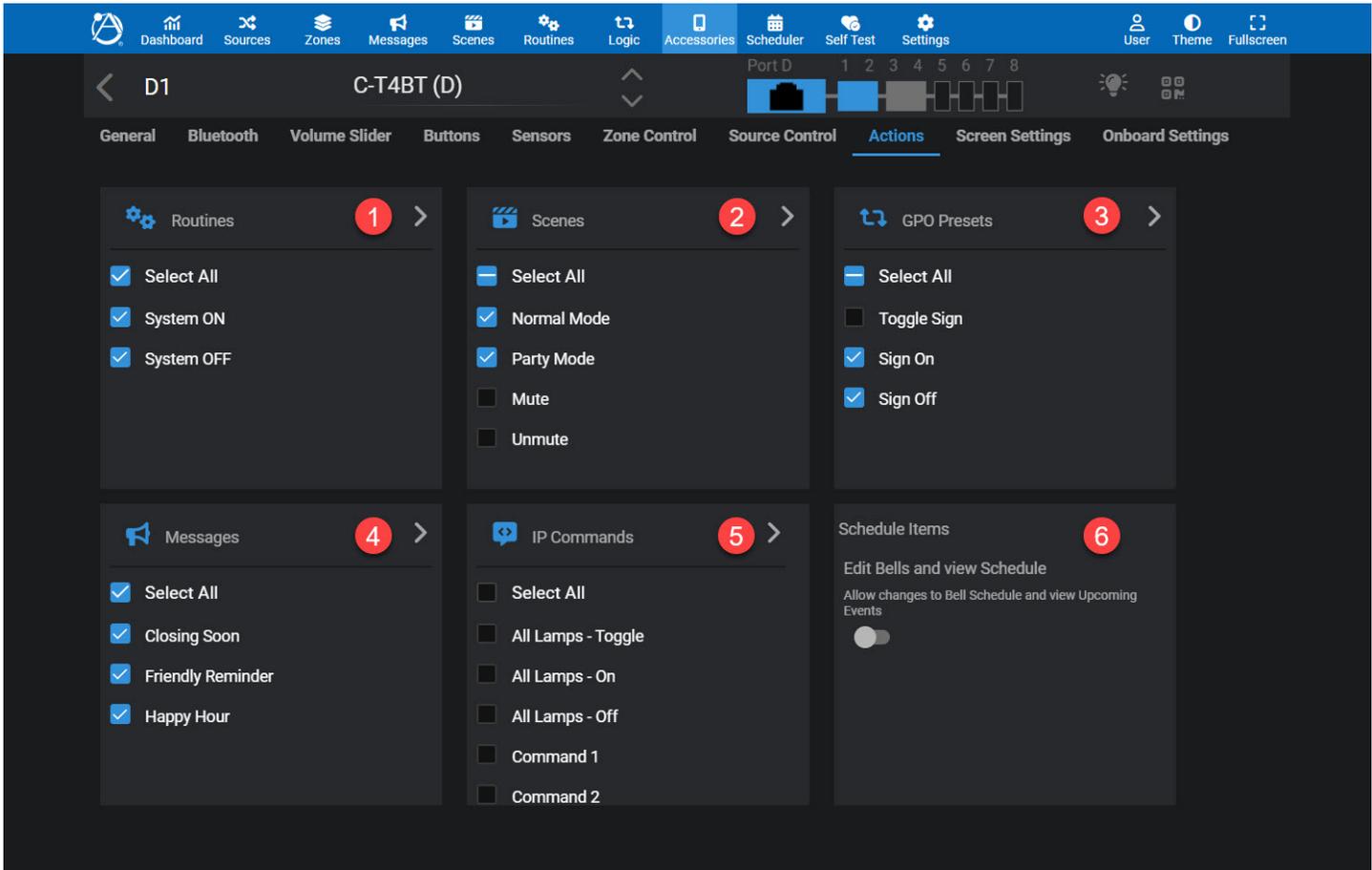
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER



USER GUIDE

ACTIONS



In addition to the dedicated Action buttons on the face of the controller, additional Actions can be assigned to an LCD menu, providing access to a larger number of Actions. When one or more Actions is selected an "Actions" button will appear on the C-T4 Home Screen.

1. **Routines:** Select any Routines to show up in the Actions menu.
2. **Scenes:** Select any Scenes to show up in the Actions menu.
3. **GPO Presets:** Select any GPO Presets to show up in the Actions menu.
4. **Messages:** Select any Messages to show up in the Actions menu.
5. **IP Commands:** Select any IP Commands to show up in the Actions menu.
6. **Schedule Items:** When enabled, scheduled calendar Events for the current day can be viewed, and any configured Bell Schedules can be viewed and changed

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



SCREEN SETTINGS

The LCD behavior can be customized to meet the needs of the environment where it's installed. The Screen Settings tab allows configuration of visual Theme, Screen Saver, PIN lock, and LCD brightness.

- Screen Theme:** The LCD theme can be changed between three modes.
 - **Light:** A Light theme with primarily white/gray components.
 - **Dark:** A Dark theme with primarily gray/black components. This is the default theme.
 - **Dynamic:** A dynamic theme that changes between Light and Dark theme based on configurable system time.
- Screen Saver Enable Switch:** When enabled, a screen saver will be displayed based on the behavior configured in the settings below.
 - **Modes:** There are four screen saver modes for the C-T4.
 - Home Screen:** Navigate to the Home Screen.
 - Black Screen:** Display a black screen.
 - QR Code (Virtual Controller):** Show a QR code that links to the QR mobile controller. When scanned a webpage will open a mobile-formatted webpage with controls with the same control configuration to what is programmed onto the C-T4.
 - Time & Date:** Display a large clock with date.

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C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



SCREEN SETTINGS (CONTINUED)

The screenshot shows the 'Screen Settings' menu for the C-T4BT (D) device. The menu is organized into three numbered sections:

- Screen Theme:** Includes radio buttons for Light, Dark (selected), and Dynamic. It also features 'Light Theme Start Time' (07:00 AM) and 'Dark Theme Start Time' (07:00 PM).
- Screen Saver:** A toggle switch is turned on. Options include Home Screen, Black Screen, QR Code (Virtual Controller), and Time & Date (selected). Settings include 'Start screensaver after: 30 seconds (5-300)', 'On resume, display lock screen' (checkbox), and 'Lockscreen PIN code: 0000'.
- Screen Brightness:** Includes 'Brightness Mode' (Automatic selected, Manual) and 'Current Brightness' (71%). It features two sliders for 'Default Brightness' and 'Adjust brightness when there is no activity' (checkbox). The 'Adjust brightness when there is no activity' setting is configured to 40% after 60 seconds (5-300).

- **Start time:** The amount of time with no device activity until the screen saver activates.
- **Display lock / PIN:** When enabled a 4-digit PIN code is required to unlock the controller from the screen saver. This PIN may also apply to the physical Action buttons, Bluetooth button, Volume Slider, but can be bypassed in the Buttons and Volume Slider configuration tabs.

3. Screen Brightness: Control the brightness of the LCD screen.

- **Brightness Mode:** There are two modes to choose, Automatic and Manual:
 - i. **Automatic (default):** Using onboard sensors the C-T4 will automatically adjust LCD brightness based on ambient conditions.
 - ii. **Manual:** Allows a fixed LCD brightness to be set. The LCD can be automatically dimmed to a lower amount based on period of inactivity.

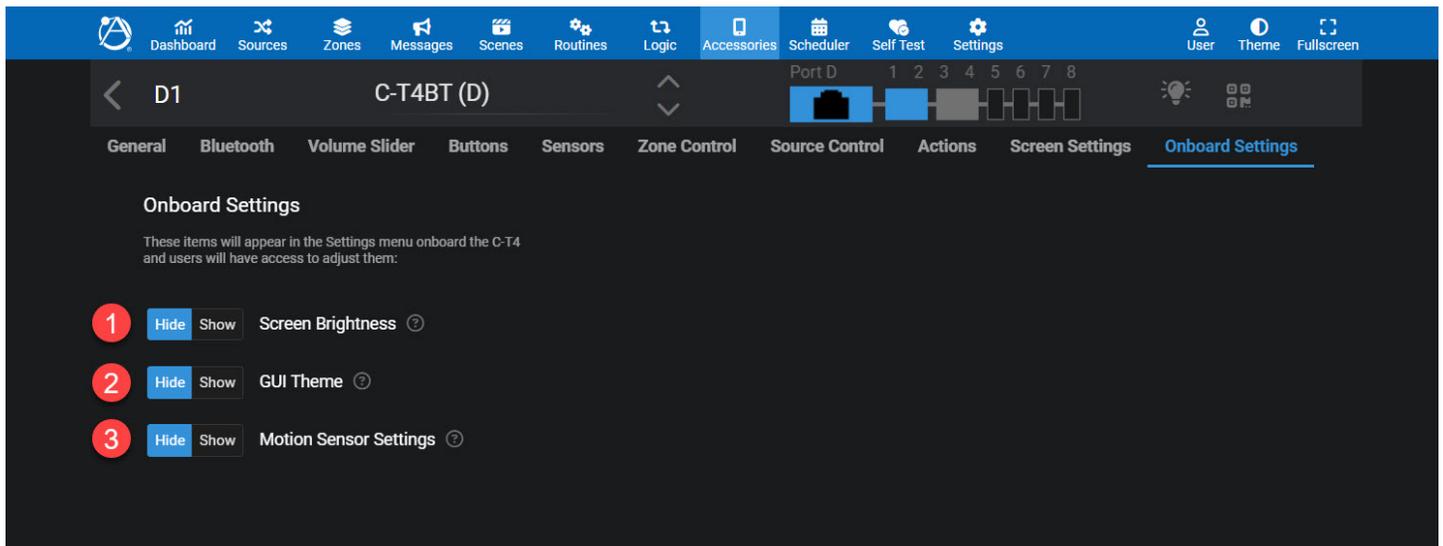
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



ONBOARD SETTINGS



Some device settings can be adjusted on the device LCD such as screen brightness behavior, Theme, and Sensor behavior. By default, these settings are hidden, but when any of these options is shown a "Settings" option will appear on the Home Screen for on-board controller adjustment.

1. **Screen Brightness:** When shown, a "Screen Brightness" option appears allowing the screen brightness settings to be adjusted.
2. **GUI Theme:** When shown, a "Theme" option appears allowing the GUI Theme to be changed between Light and Dark.
3. **Motion Sensor Settings:** When shown, a "Sensors" option appears allowing the ability to enable/disable the PIR motion sensor status to be viewed and enabled/disabled.

C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



USING MOTION SENSOR WITH SYSTEM LOGIC

The PIR motion sensor on the C-T4 allows for Actions to be recalled based on motion status. It's possible for multiple motion sensors to work together to meet the needs of the environment. To configure this custom behavior the System Logic function must be used to create a Logic Rule monitoring Motion status. The System Logic section is linked within Sensors tab, or can be accessed by navigating to the Logic tab and selecting the System Logic subtab.

1. **Add New Logic Rule:** To create a new logic rule, select the Add New Logic Rule button. Give the rule a friendly name that describes the behavior.
2. **Enable:** To enable the rule, turn the enable switch on. When disabled the rule will not be processed. All new rules are disabled by default, allowing the rule to be fully configured before being acted upon.
3. **True Action:** Configure an Action to recall when the condition is True.
4. **False Action:** Configure an Action to recall when the condition is False.
5. **Trigger Type:** Select the type of logic to monitor. In the case of C-T4 motion, select "Motion Detected"
6. **Trigger Target:** With Motion Detected as the Type, select the C-T4 device to monitor motion from.
7. **Status:** The status option is used with other Trigger Types, and is always fixed to "Is Detected" for the Motion Detected type. If it's desired for logic to be based on the absence of motion, check the "Invert" box described on the next page.
8. **Act Time:** The Activation time requires the condition to met true for X seconds before the condition is considered true. In the case of Motion Detected it is usually desired for this to be the default 0 seconds.

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C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



USING MOTION SENSOR WITH SYSTEM LOGIC (CONTINUED)

1 + ADD LOGIC RULE

Motion > Audio On

Enable 2

Actions

3 TRUE ↑ Scene Unmute

4 FALSE ↓ Scene Mute

Conditions

Group: A || B

11 OR

5 Trigger Type: Motion Detected 6 Trigger Target: C-T4BT (D) 7 Status: Is Detected 8 Act Time: 0 sec 9 Invert:

10 Trigger Type: Motion Detected 6 Trigger Target: C-T4 (D2) 7 Status: Is Detected 8 Act Time: 0 sec 9 Invert:

12 Add Condition 13 Add Group

14 Delete Condition

15 Delete Rule 16 Duplicate Rule

1/20 Rules Used

- 9. Hold Time:** The Hold Time for each C-T4 motion sensor is NOT configured on this screen, but rather is configured within the "Sensors" tab of each C-T4 configuration
- 10. Invert:** To have the condition act on the opposite behavior that is presented, "Motion Not Detected" check the Invert checkbox. The "Invert" function is synonymous with a NOT Boolean operator.
- 11. Boolean Comparator:** If multiple motion sensors are used, the Boolean operators AND/OR will show next to the conditions in that group. Click on the box to toggle between AND/OR. Choose OR if you want the condition to be True if ANY sensor detects motion, choose AND if you want the condition to be True only if ALL sensors detect motion. For the Motion Detected use case, the OR option is usually desired.
- 12. Add Condition:** Add up to 10 conditions to the Logic Rule to be compared to one another for overall True/False determination.
- 13. Add Group:** Add nested groups of conditions with their own AND/OR comparator.
- 14. Delete Condition:** To remove a condition, choose the trashcan delete next to the condition or group of conditions.
- 15. Delete Rule:** To remove the entire rule, choose the Delete option at the top of the page.
- 16. Duplicate:** To duplicate the rule, choose Duplicate at the top of the page. This will create a new rule with the same conditions.

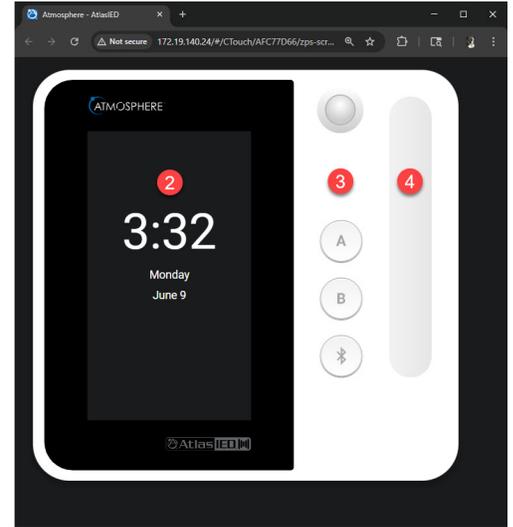
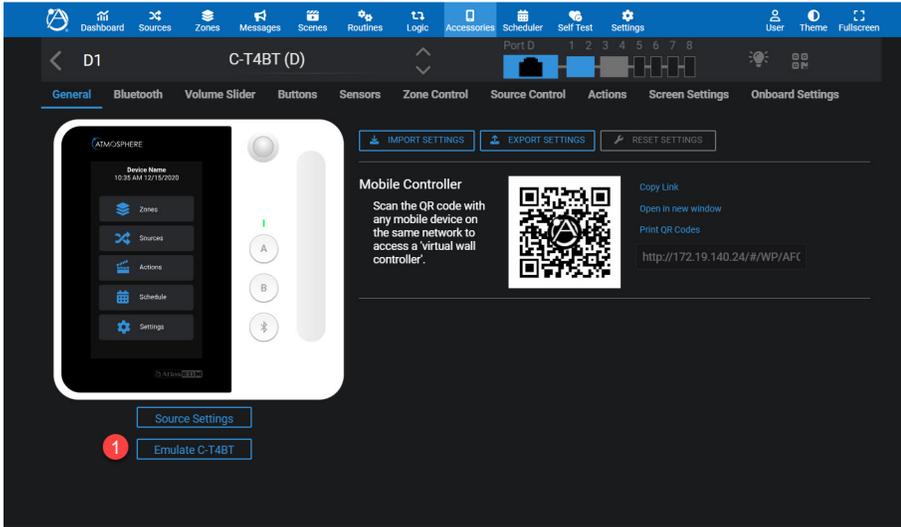
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



DEVICE EMULATION IN WEB GUI



When configuring the C-T4 it may be helpful to use the web browser to 'emulate' the behavior of the physical controller. This emulation is a web GUI recreation intended to closely mimic the controls on the physical device.

Note: changes made in this Emulator are live and will make changes to the audio system.

1. **Emulate C-T4 button:** Select the "Emulate C-T4" button from the General tab to open the emulator in a new browser tab.
2. **Emulator LCD:** Mouse-click on the LCD to mimic tapping on the C-T4 touchscreen.
3. **Emulator Buttons:** Mouse-click on the virtual buttons to mimic pressing the C-T4 buttons.
4. **Emulator Touch Slider:** Mouse-click and drag on the virtual touch slider to mimic using the C-T4 capacitive touch slider.

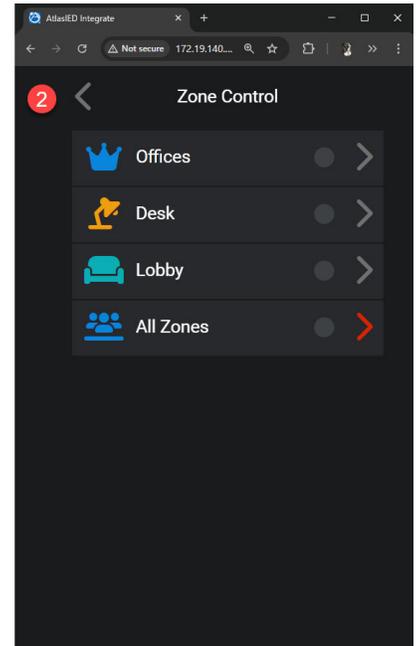
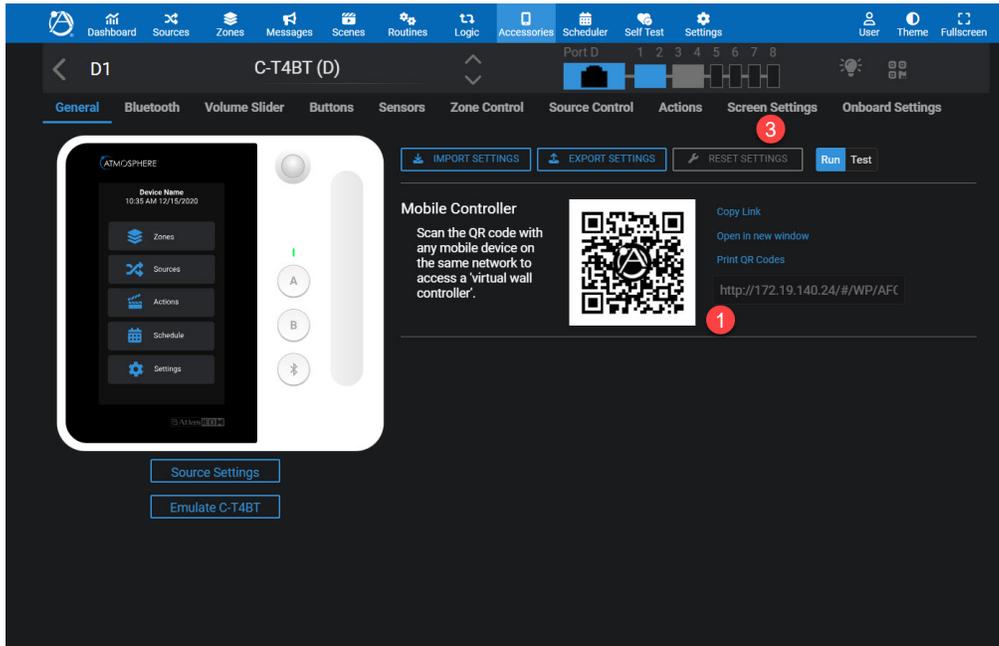
C-T4 / C-T4BT

ATMOSPHERE WALL CONTROLLER

USER GUIDE



QR MOBILE CONTROLLER



When configuring a C-T4 controller, a mobile-formatted web controller is automatically configured for use. The mobile controller will include many of the same settings included on the physical controller. For easy access a QR code is automatically generated and can be placed on the screen saver of any C-T4 device.

Note: The website controller is hosted by the AZM. Therefore, the mobile device accessing the QR mobile controller must be on the same local network as the AZM.

1. **Open QR Mobile Controller:** Scan the QR code, copy the link, or select the "open in new window" option to open the QR Mobile Controller in a new browser tab.
2. **Mobile Control:** Once open, the QR Mobile Controller presents a working controller with the same settings as programmed on the physical controller.
3. **Tip:** To display the QR code on the LCD of the C-T4, enable the screen saver and choose QR Code (virtual controller).

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