



**TI0™**

**StealthStream™ 1: AZSS1**  
Amplified Streaming Audio Player  
Installation Guide



**Table of Contents**

<b>Safety Information</b>	3
<b>Product Overview</b>	4
<b>Introduction</b>	5
<b>Front-Panel</b>	6
<b>Back-Panel</b>	7
<b>Installation</b>	
Standard In-wall	8, 9
<b>TiO Home App User Interface</b>	
Buttons and Controls	10
Audio	11, 12
<b>Audio Menu</b>	
Basic Operation	13
Setting Moods and Experiences	13
Rhapsody	14
SiriusXM Radio	15
TuneIn Radio	15
vTuner Radio	16
<b>Configuring a Stand-alone AZSS1 using the TiO Home App</b>	
Music Setup	17
Music Settings	18
<b>System Overview</b>	19
<b>Audio Applications</b>	20
<b>Troubleshooting Guide</b>	21
<b>Technical Specifications/ Trademark Acknowledgements</b>	22
<b>Contact Information</b>	23

## Safety Information

- 1. Read all instructions.** Read and understand all the applicable instructions before installing or operating the product.
- 2. Retain all instructions.** Keep this manual in a convenient place for reference.
- 3. Heed warnings.** Be aware of all warnings on the product and in the instructions.
- 4. Follow instructions.** Install and use this product only as described. Don't try to use this product in ways for which it wasn't designed.
- 5. Use indoors only.** Don't expose this product to the weather or harsh environmental conditions such as continuous sunlight, excessive humidity, or moisture.
- 6. Keep product dry.** Don't use the product near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool. Also, do not handle the product when your hands are wet or damp.
- 7. Use the right power source.** Don't connect the product directly to electrical line voltage. Use only an approved power adapter.
- 8. Ground product properly.** Make sure the product's means of grounding or polarization is not defeated.
- 9. Power cord protection.** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, receptacles, and the point where they exit from the product.
- 10. Keep product clean.** From time to time, wipe off the exposed parts of the product with a clean, dry, soft cloth. Don't use abrasive materials, thinners, alcohol or other chemical solvents or materials.
- 11. Avoid spills and foreign objects.** Make sure liquids and objects don't get into the product enclosure through any openings.
- 12. Get professional service.** Have the product serviced only by certified TiO service personnel when:
  - Liquids spilled/objects have fallen into the product
  - The product has been exposed to excess humidity
  - The product doesn't appear to operate normally
  - The product is damaged
- 13. Don't attempt to service the product yourself.** Doing so will void the warranty. If you have any questions, call **TiO Support at 1-855-999-9846 or 1-407-278-1200** or email us at **support@tiohome.com**

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment into an outlet on a circuit different from that to which the receiver is connected, or consult the dealer or an experienced radio/TV technician for help.

In accordance with FCC requirements, changes or modifications not expressly approved by **Automated Control Technology Partners, Inc.** could void the user's authority to operate this product.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence- exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

# StealthStream™1: AZSS1

## Amplified Streaming Audio Player



## Product Overview

**Dimensions (overall)** – 6.99W x 4.78H x 9.91D cm / 2.75W x 1.88H x 3.90D in.

**Amplifier** – 100W class D amplifier (2 x 50W @ 40hms).

**Wireless Connectivity** – Wi-Fi® connectivity 802.11n using WPS.

**Wired Connectivity** – 802.3 100Mbit/s wired Ethernet.

**Bluetooth Support** – Integrated Bluetooth support for connecting Bluetooth devices supporting A2DP.

**Network-based music** – Stream music from any DLNA compliant network device.

**Optical Audio Input** – Connect your TV, satellite, cable box, CD player or any other digital source to your AZSS1 and listen in one room or throughout your home.

**Auto-switching** – Switches to the optical input when your TV, CD player or cable box is turned on.

**Analog Audio Output** – Outsource your sound to an external amplifier or home theater receiver.

## Box Contents

- **StealthStream™ 1**
- **Mounting Hardware** – In-wall mounting kit:
  - Mounting Bracket
  - Two (2) 6-32 large screws (to mount assembly to wall box)
  - Two (2) 4-40 small screws (to mount bracket to AZSS1)
- **Speaker Connector** – Male four (4) conductor
- **Power Connector** – Male two (2) conductor
- **Four (4) adhesive backed rubber feet** (for table top use)

## Additional TiO Products (sold separately)

- **AZPS1** – Remote Power Supply (supports one AZSS1)
- **AZPC1** – Remote Power Coupler (an optional product, used when needed for power over Cat5 installations)

**Party Mode** – TiO's StreamShare™ feature can synchronize and control up to 6 audio players.

**Dedicated Streamer** – Listen to the best audio content from popular streaming services.

**Mounting Options** – Tabletop, surface mount or in-wall options.

**IMPORTANT NOTE:** The TiO Pro App is required to program the AZSS1 StealthStream™1 and available to certified TiO installation professionals only. Please contact your TiO Representative or register to be a TiO Dealer at [www.tiohome.com](http://www.tiohome.com)

## Introduction

The TiO StealthStream™ 1 (AZSS1) is the most versatile and powerful digital audio player on the market. The StealthStream™1 connects to your home network and offers access to all of today's popular music services. If that's not enough, just connect any Bluetooth-enabled device and stream your favorite audio music.

The AZSS1's stealth design allows the robust player to be hidden out of sight. Powered by an integrated 100 watt amplifier, the AZSS1 provides outstanding sound quality but fits in the palm of your hand! In fact, it's so compact that it installs into a standard, single-gang wall opening.

The StealthStream™ 1 can also be used as a stand-alone music player and be directly controlled from the TiO Home mobile App. For more information see page (7).

**Go Small or Go Home:** Its compact size (1.88"H x 2.75"W x 3.90"D) makes it the smallest audio player in the world. The days of needing huge and costly amplifiers are over.

**Plenty of Power:** Despite its compact size, the AZSS1 boasts a high-performance 100 watt digital amplifier. With the AZSS1 you'll enjoy crystal clear, high fidelity music in every room.

**Mobile by Design:** Controlled and configured through the TiO Pro for Android™ App. Just launch the App and enjoy all of your music and audio choices!

**Wireless Connectivity:** The AZSS1 features 802.11n Wi-Fi® to support system communication and streaming audio. Wired connections are also supported via an integrated ethernet port.

**Integrated Bluetooth Streamer:** Connect to the AZSS1 with any Bluetooth device and stream your favorite content to just one room or throughout your entire home.

**Streams Everywhere:** With multiple AZSS1's installed throughout the home, you can listen to music where you want. The dedicated streamer, allows you to enjoy jazz in the kitchen, punk on the porch and classical in the office. The AZSS1 has you covered!

**Party On!:** The AZSS1 can synchronize and control up to 6 audio players—all from one central location for all your party needs!

**Network-Based Music:** Want to dive into your digital music collection? Stream your network music files to your TiO system.

**Optical Audio Input:** Connect your TV, CD player or any other digital source to your AZSS1 and listen in one room or throughout your home.

**Auto-Switching:** The AZSS1 is smart enough to switch to the optical input when your TV, CD player or cable box is turned on. When you are done, it will automatically switch back.

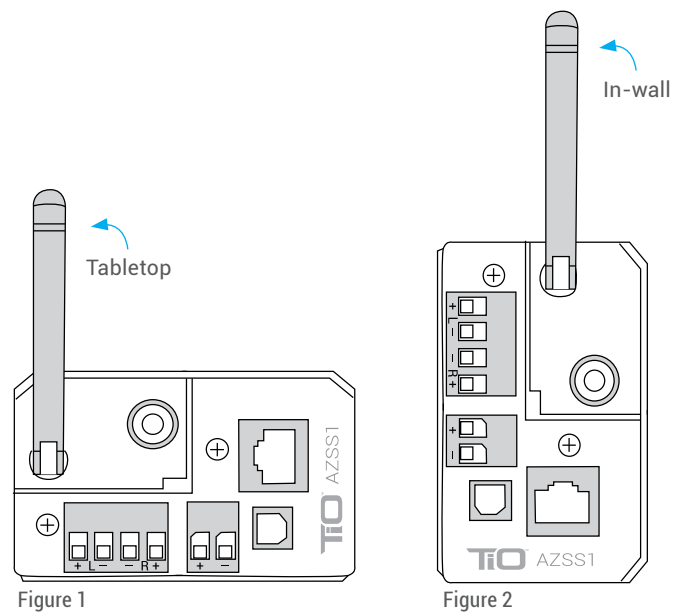
## Front-Panel



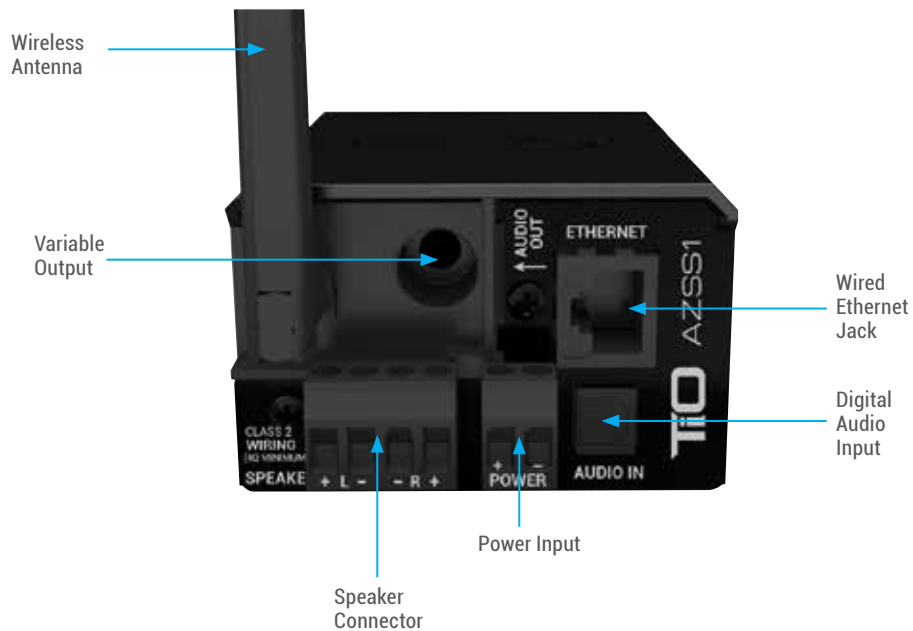
**Wireless Antenna** – For use with Wi-Fi®, the antenna should always be pointing straight up, in a vertical position during normal usage. For instance, if you plan to use it as a tabletop system turn the antenna counter clockwise until the antenna is standing upright. See Figure 1. When installed in a wall or a cabinet, the antenna should be turned upright once again, to point straight up in the vertical position. See Figure 2.

**Status Light Indicator** – Used for setting up and troubleshooting your AZSS1. Refer to the troubleshooting guide section of the manual for more information.

**Mounting Bracket Holes** – Used for in-wall installation with supplied mounting bracket and screws. See page 10 for installation instructions.



## Back-Panel



**Variable Output** – 3.5mm stereo variable analog output, used for connecting the AZSS1 to an external amplifier for additional power.

**Speaker Connector** – 4 wire speaker connector that can support up to 12 gauge speaker wire. TiO recommends 16 gauge speaker wire for multi-space audio installations.

**Power Input** – Removable 2 terminal power connector can support up to 12 gauge wire.

**Wired Ethernet Jack** – Used for creating a hard wired network connection. Also used when connecting the AZPC1 power coupler to provide power to a AZSS1.

**Digital Audio Input** – Toslink connector accepts a PCM audio input signal from any supported audio device, such as a TV, AV Receiver, Blu-Ray or DVD player.

## Installation - Standard In-wall

For tabletop installation, skip to Wiring Connections below.

### STEP 1

Identify a place to install the AZSS1 in the wall.

### STEP 2

Cut out a rough opening into the wall and install a single gang low voltage ring and tighten it down.

### STEP 3

Pull the power and other audio wires to the new audio location.

### STEP 4

Locate the in-wall mounting bracket that came with the AZSS1. Align the in-wall mounting bracket so that it lines up properly with the front panel of the AZSS1. Locate the small screws from the installation package. Secure the in-wall mounting bracket to the front of the AZSS1.

### STEP 5

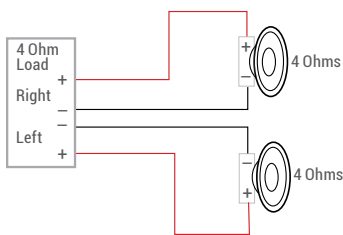
Make all wiring connections per the instructions below and then insert the AZSS1 with bracket into the single gang low-voltage ring.

### WIRING CONNECTIONS

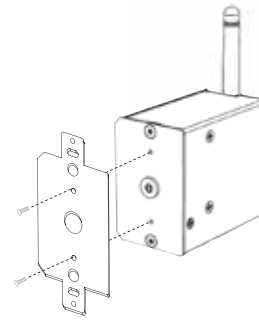
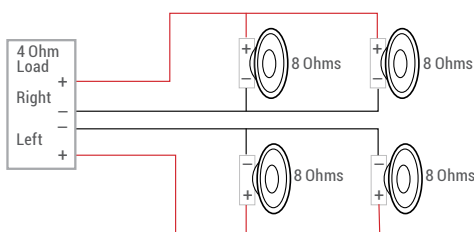
Locate the speaker connector block that came in a clear pack of accessories with your AZSS1. Loosen the four screws before attempting to connect the speaker wire. With your speaker wire ends trimmed back 1/4" inch (.64 cm) insert each speaker wire and tighten down each screw. **Note the polarity:** positive (+) speaker wire on the outside terminal and negative (-) speaker wire on the inside terminal. See diagrams below for wiring speakers.

**Note:** Make sure locking tabs on mating side of Speaker Connector locks **over** the top of the receiving connector on the AZSS1.

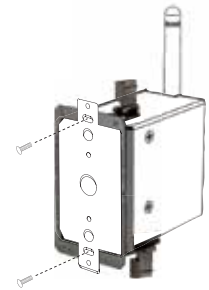
Speaker Wire Diagram



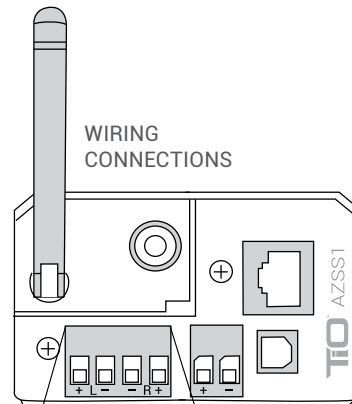
Parallel Speaker Wire Diagram



STEP 1  
In-wall mounting bracket  
with small screws

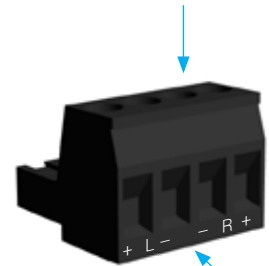


STEP 2  
Single gang low-voltage  
ring with large screws



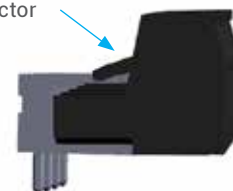
Removable  
Speaker Connector

Loosen Screws



Insert Speaker  
Wires

Lock Tabs Over  
Connector



**NOTE:** The power supply used by the AZSS1 is a 90W power supply rated at 3.75amps (sold separately).

**STEP 6**

Skip to Step 7 if you are using the Cat5 power wiring via the TiO Remote Power Coupler (AZPC1).

Locate the AZPS1 power supply. To connect the power supply to the AZSS1 you will need to locate the Power Connector for the AZSS1. The power connector is located in a clear pack of accessories in the AZSS1 package. With the Power Connector in your hand, loosen the two screws, so that the two power wires can be inserted, then tighten down each screw. **Note the polarity:** Left positive (+), Right negative (-). Plug the Power Connector into the the back of the AZSS1.

**Note:** Make sure locking tabs on mating side of the Power Connector locks **over** the top of the receiving connector on the AZSS1. Skip to Step 8.

**STEP 7**

Locate the AZPS1 power supply. To connect the power supply to the AZPC1 you will need to locate the Power Connector for the AZSS1. The power connector is located in a clear pack of accessories in the AZSS1 package. With the Power Connector in your hand, loosen the two screws, so that the two power wires can be inserted, then tighten down each screw. **Note the polarity:** Left positive (+), Right negative (-). Insert Power Connector into power socket on the AZPC1.

**STEP 8**

Network connection. If you are using an Ethernet Cable for network, plug it in now. No action required, at this time, if connecting using Wi-Fi.

**STEP 9**

Attach the optical Line-In if adding a digital input source, and Line-Out if connecting to a external amplifier.

**STEP 10**

With all connections securely connected to the back of the AZSS1, insert the AZSS1 into the low voltage single gang ring and secure it using the two included screws in the package.

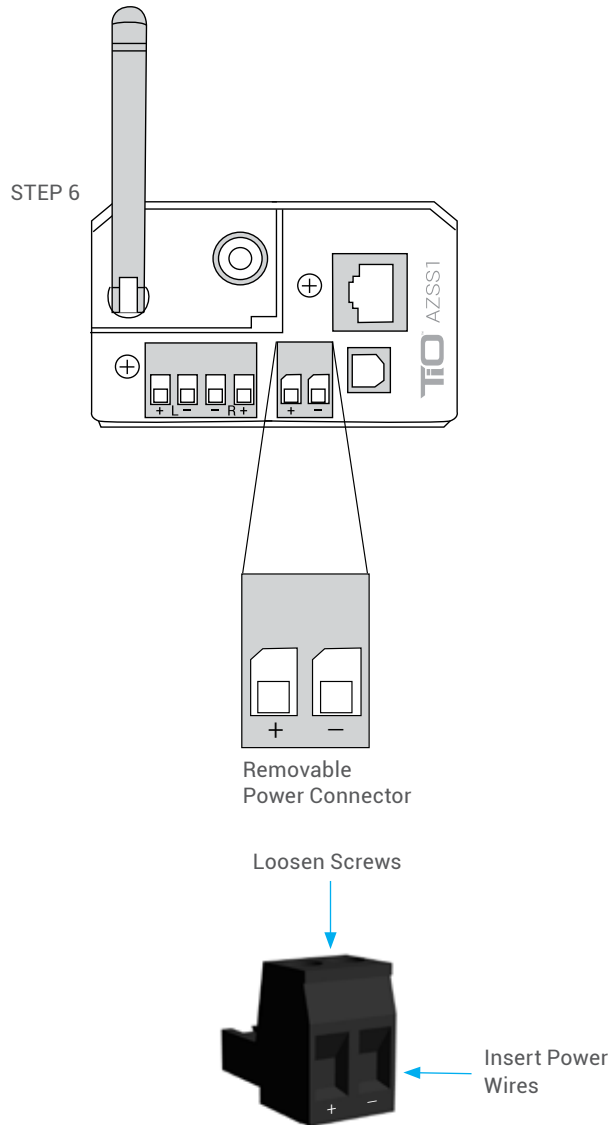
**STEP 11**

For Stand-alone use, connect the Ethernet cable from the AZSS1 to the home network router (for Wi-Fi connection see Connecting Using WPS).

For Multi-space use, connect the Ethernet cable from the AZSS1 to the Master Coordinator (MC1).

**STEP 12**

With the AZSS1 securely mounted, plug the AZPS1 into an outlet. The AZSS1 takes approximately one minute to complete its power up cycle. The AZSS1 Installation is complete.



**WARNING:** This product should not be mounted in any box that also has electrical products such as light switches or outlets installed. Electrical interference from a light switch or outlet can create unwanted background noise on your audio space.

**IMPORTANT:** It is not recommended to mount multiple AZSS1's next to each other when connecting over Wi-Fi. Installing multiple wireless AZSS1's near each other could effect their ability to connect wirelessly to the MC1.

**DANGER:** Avoid all electrical wiring when cutting the rough opening. Failure to do so may result in serious injury or death.

## TiO Home App User Interface

The TiO Home app is a free download from the Android Play Store. The buttons and controls allow the user to quickly and intuitively navigate and select lighting, music, moods, temperature, security and experience options. Some options are only available in combination with other TiO Elements, such as the Master Coordinator™ (MC1).



### Home Button

Brings you to the Home Menu.

### Rooms Button

Select the room you want to control.

### Music Button

Select this button to access and play all of your music.

### Moods Button

Used to select Mood settings.

### Local Temperature

Displays the Temperature in your area.

### Settings Button

The settings choices will vary based on the TiO Element you are accessing.

### Create Experience

Used when you are ready to create Whole House Experiences.

### Start Experience

Access and choose an Experience from the list.

### Capture Mood

Used when you are ready to create Room based events.

## Audio

The Audio screen provides simple intuitive features to let you find and listen to music quickly. Depending on your music selection you may experience metadata and album art with your music.



### Source Selection

Press this tab to view a drop down menu of audio sources.

### Shortcut Menu

Quickly jump from one feature to the next using these shortcut buttons; Moods, Music, Lights and Thermostat\*.

### Audio Settings

Press the Audio Settings button when you need to add or change a Premium Internet Radio subscription account.

### Search

Depending on your source selection you may have the ability to search for content using Rhapsody, SiriusXM, TuneIn and VTuner.

### Volume Control

Adjust the volume using the slide control or Mute. Unmute the audio by pressing the Mute button.

### Audio Controls

Depending on your music source you may have access to these control options; Rewind, Pause, Fast Forward, Repeat and Shuffle.

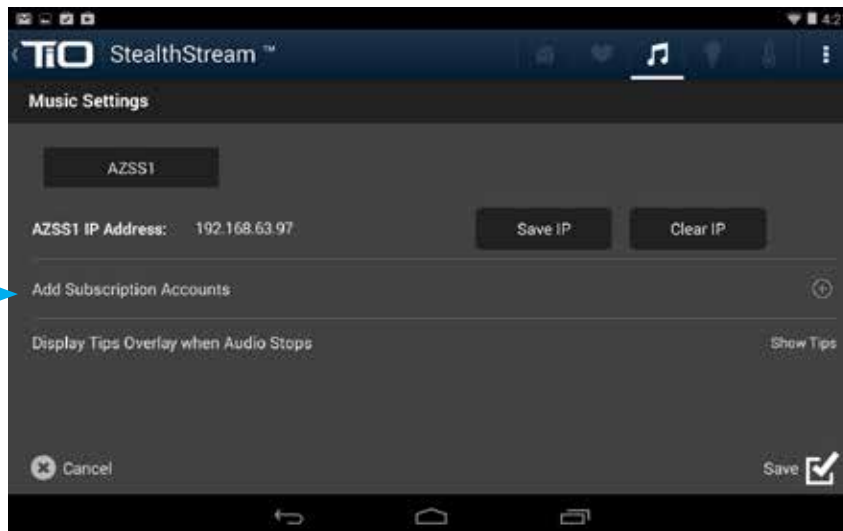
## Audio Settings

Press the Audio Settings button when you need to add or change a Premium Internet Radio subscription account.

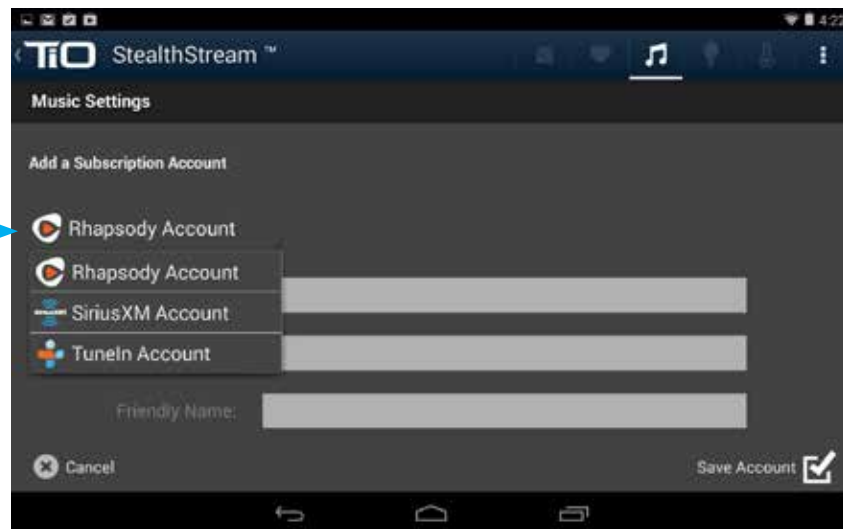
### Add Subscription Accounts

Used for adding a new subscription account to the TiO Audio System.

Add Subscription Accounts Button



Subscription Accounts Button



## Audio Menu

### Basic Operation

**Turn on a Space** – To listen to music, select a station/track/playlist from the selected source. The space will begin playing at the default volume set for the space. Space must be off for at least 1 hour for default volume to set.

**Turn off a Space** – Press the Stop, Pause or Mute button to turn off the space.

**Source Selection** – Pressing the source button will drop down a list of available sources. Each source has its own menus to navigate. Using the source's menus, navigate and select content to play.

**Source Control Options** – Control options vary per Source Options for sources may include the following:

**Stop** – Stops the source from playing.

**Play** – Plays music source selected.

**Forward** – Advances current music to next track.

**Back** – Plays previous track.

**Repeat** – Repeat's current selection.

Pressing the Repeat button once activates single song repeat.

Pressing the Repeat a second time activates repeat all.

Pressing the Repeat a third time turns OFF repeat.

**Shuffle** – Plays current music selection in a shuffle order.

**Volume Control** – Move the slide control right or left, to increase or decrease the volume for that space.

**Mute** – Press the Audio button to quiet the space. Press the Mute Audio button a second time to turn on the audio. Volume will return to the previous volume level. With the Mute On, adjusting the volume change to slider will cancel the Mute ON selection.

**Search** – Press the Search button, to search for specific content in the selected source. Pressing search opens a search box. Select the search box to launch the keypad. Type in the search criteria and press search.

**Clear Search Box** – To return to the source menu screen.

### Setting Moods and Experiences

NOTE: A Master Coordinator (MC1) is needed to set up these features.

Use the TiO Home App to design room Moods or whole-house Experiences. The Moods and Experiences can be initiated with the touch of a button or a timed event.

#### Setting an Audio Mood

Select the Audio source and content and adjust the volume.

Press the Capture Mood button in the lower right corner of the audio screen.

Type the name of the mood and select audio and then press the capture button.

#### Setting a Scheduled Audio Mood

Select the Audio source and content and adjust the volume.

Press the Capture Mood button in the lower right corner of the audio screen.

Type the name of the mood and select Audio. Next press the Add Schedule button and create the schedule for this mood and press the save button. Finally press the capture button to create the scheduled Audio Mood.

#### Creating an Audio Experience

Press the Create Experience Button in the lower left corner of the audio screen.

From the list of moods on the right hand side of the screen, drag the moods that you want in this experience and drop them on the screen to the left.

Press the add delay button on the bottom of the screen, if you want to add delays between each of the moods.

Next press Schedule this Experience button and create the schedule you would like, then press the save button.

Finally, press the Save Experience button to create the audio experience. This will prompt you to Test the experience and verify that it is working properly. You can choose to edit the experience if something needs to be changed or you can save the experience and exit to the Experience Home Screen.

## Rhapsody

### Rhapsody Account Set Up

Listen to music like never before with Rhapsody. A Rhapsody subscription gives you access to the ultimate music catalog, delivering millions of songs from thousands of artists to your TiO Audio system.

To set up your account, you will need a computer with internet access, an email address, and a credit card.

Your new music collection is complete with millions of songs, entire albums and artists hits spanning the decades. Rhapsody has the power to play exactly the songs you want, wherever you are. Load up on new releases, obscure album cuts and everything in between with Rhapsody's gigantic music catalog. There are no limits to how much music you can play. Listen to the same song over and over or explore new songs from every genre. Rhapsody is more than just internet radio.

To find out more information about Rhapsody in the United States of America go to [www.Rhapsody.com](http://www.Rhapsody.com). For Canadian residents go to [www.Rhapsody.com/Napster](http://www.Rhapsody.com/Napster).

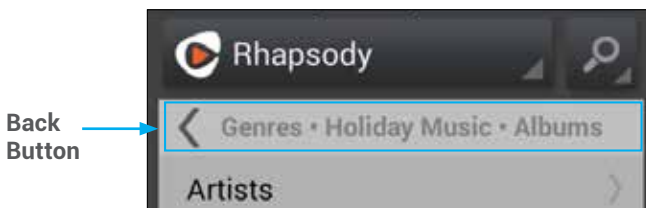
### Rhapsody Buttons

My Library, Genres, New Releases, Charts, Staff Picks, Rhapsody Radio.

Press a selection to look for content.

Light Grey Navigation button – (<).

Located below the Rhapsody Button the Back button will create a bread crumbs list of your selections and will be used to return you back to the Rhapsody main menu. Pressing this button will return you up one level per press. Depending on your location in the Rhapsody menu it may take several presses of the navigation button to return to the main menu.



### Using Search

Dark Grey Search Button – Search Off.

Blue Search Button – Search On.

Clear the search box to begin a new search.

Select Rhapsody from the source selection.

The button will turn blue and bring up a search box.

Select one of the search options; by Artist, by Album, by Track.

Type in your search criteria and press search.

Choose a selection from the search list.

Options: Play Artist Radio, Artist Sampler, Top Tracks or Main Releases.

Select one of the options and start listening to content.

### Adding content to Rhapsody's My Library (+)

Playlists must be created on the Rhapsody website at [www.Rhapsody.com](http://www.Rhapsody.com).

To add to My Library, press the (+) and then press the Add to Library button. That's it, the selection is now added to the My Library list.

### Removing content from Rhapsody's My Library (Trash Can)

Navigate to the content you would like to remove by Artists, Albums, Tracks, Radio, Playlists.

Press the (Trash Can) icon to the right of the content to be removed and then press the Remove from Library button.

## SiriusXM Radio

### SiriusXM Buttons:

All Channels, Categories and Presets.

Press a selection to search for content.

All channels lists all SiriusXM channels by category.

Categories list all SiriusXM categories. Select a category then select a channel in the category.

### Navigation Back Button

Light Grey Navigation Back button – (<).

Located below the SiriusXM Radio Button the navigation back button will create a bread crumbs list of your selections and will be used to return you back to the SiriusXM Radio main menu. Pressing this button will return you up one level per press. Depending on your location in the SiriusXM Radio menu it may take several presses of the navigation button to return to the main menu.

### Using Search

Dark Grey Search Button – Search Off.

Blue Search Button – Search On.

Clear the search box to begin a new search.

Press the search button to begin your search.

The button will turn blue and bring up a search box.

Type in your search criteria and press search.

Choose a selection from the search list.

### SiriusXM Internet Radio Account Set Up

SiriusXM Internet Radio subscriptions allow one instance of streaming content per account. The TiO audio system will allow the listener to share a single instance throughout the system or will allow multiple accounts to be stored and played in other audio spaces throughout the home. Selecting an account that is currently playing will activate the subscription in your space and disconnect the subscription from the previous space.

To listen to SiriusXM Internet Radio, you'll need to subscribe to SiriusXM Internet Radio service and obtain a user name and password. SiriusXM Internet Radio is available to residents of the United States of America and Canada.

Access to SiriusXM Internet Radio requires a minimum of one subscription. To find out more information about SiriusXM Internet Radio visit [www.siriusxm.com/internetradio](http://www.siriusxm.com/internetradio). Canadian residents should visit [www.siriusxm.ca](http://www.siriusxm.ca) or call 1-888-539-7474(SIRI).

## TuneIn Radio

### Categories

My Favorites, Local Radio, Music, Talk, Sports, By Location, By Language, Podcasts.

### Navigation Back Button

Light Grey Navigation Back button – (<).

Located below the TuneIn Radio Button the navigation back button will create a bread crumbs list of your selections and will be used to return you back to the TuneIn Radio main menu. Pressing this button will return you up one level per press. Depending on your location in the TuneIn Radio menu it may take several presses of the navigation button to return to the main menu.

### Using Search

Dark Grey Search Button – Search Off.

Blue Search Button – Search On.

Clear the search box to begin a new search.

Press the search button to begin your search.

The button will turn blue and bring up a search box.

Type in your search criteria and press search.

Choose a selection from the search list.

### Adding content to TuneIn's My Favorites (+) Button

To add to My Library, press the (+) button and then press the Add to Library button. That's it, the selection is now added to the my library list

### Removing content from TuneIn's My Library (Trash Can)

Navigate to the content you would like to remove by Artists, Albums, Tracks, Radio, Playlists.

Press the (Trash Can) icon to the right of the content to be removed and then press the Remove from Library button.

### TuneIn Radio Account Set Up

TuneIn Radio service is available on your TiO audio system. TuneIn to the world's sports, news, talk, and music from wherever you are. TuneIn lets you hear what's happening right now on over 100,000 radio stations globally and enjoy two million on-demand programs, like podcasts, concerts and interviews.

Create a TuneIn account and begin creating and storing your favorite stations. Go to [www.tunein.com](http://www.tunein.com) and select Sign Up to create your TuneIn Radio account.

## vTuner Radio

### Categories

Local Stations, Recently Played, Favorites, Location. Genre, New Stations, Most Popular Stations.

### Navigation Back Button

Light Grey Navigation Back button – (<).

Located below the vTuner Radio Button the navigation back button will create a bread crumbs list of your selections and will be used to return you back to the vTuner Radio main menu. Pressing this button will return you up one level per press. Depending on your location in the vTuner Radio menu it may take several presses of the navigation button to return to the main menu.

### Using Search

Dark Grey Search Button – Search Off.

Blue Search Button – Search On.

Clear the search box to begin a new search.

Press the search button to begin your search.

The button will turn blue and bring up a search box.

Type in your search criteria and press search.

Choose a selection from the search list.

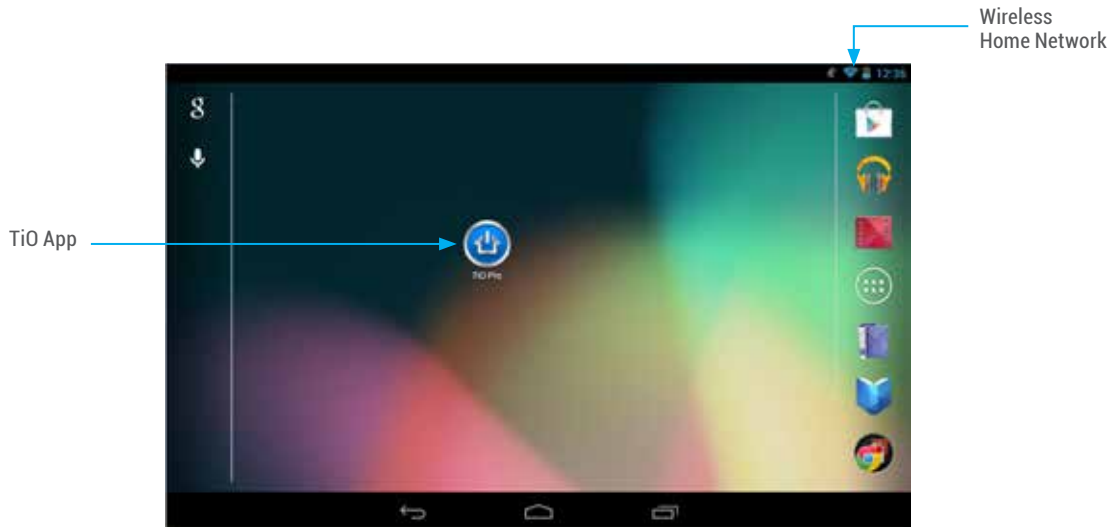
### vTuner Internet Radio Account Set Up

## Configuring a Stand-alone AZSS1 using the TiO Home App

### Music Setup

If you have not already downloaded the TiO Home App you can find it by searching for “TiO Home Automation” within the Google Play Store. Choose “Install” and allow the App to fully download before attempting to use.

For more information on using the Google Play Store please visit: <http://play.google.com>.



**STEP 1** Be sure that your tablet is turned on and connected to the Home Network.

**STEP 2** Locate the TiO App on your tablet and start the application. The TiO App will automatically locate and connect to the AZSS1.

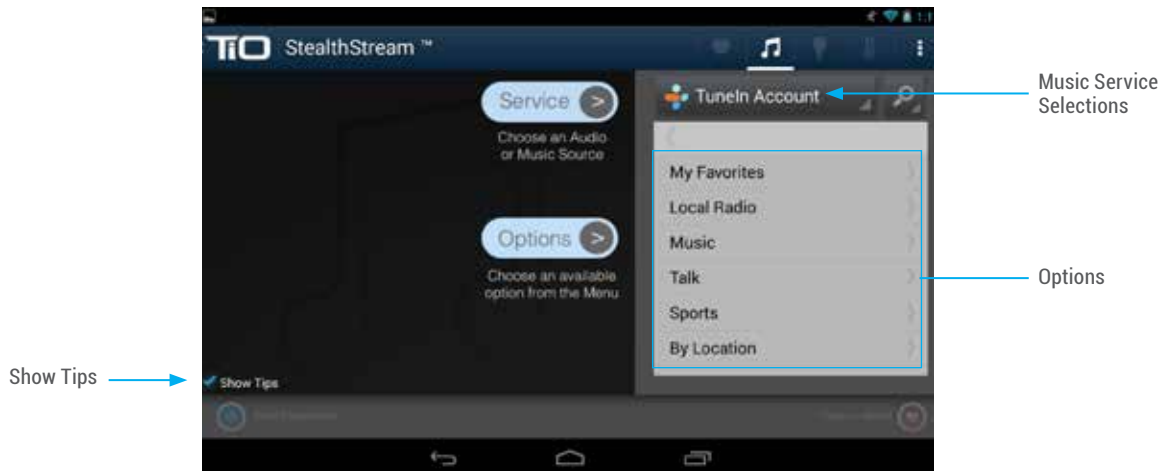


**STEP 3** Press the Launch Control button to open the TiO Control Screen

## Music Settings



**STEP 4** From the TiO Home main menu, choose the “Music” button, and the Audio browser will be displayed.



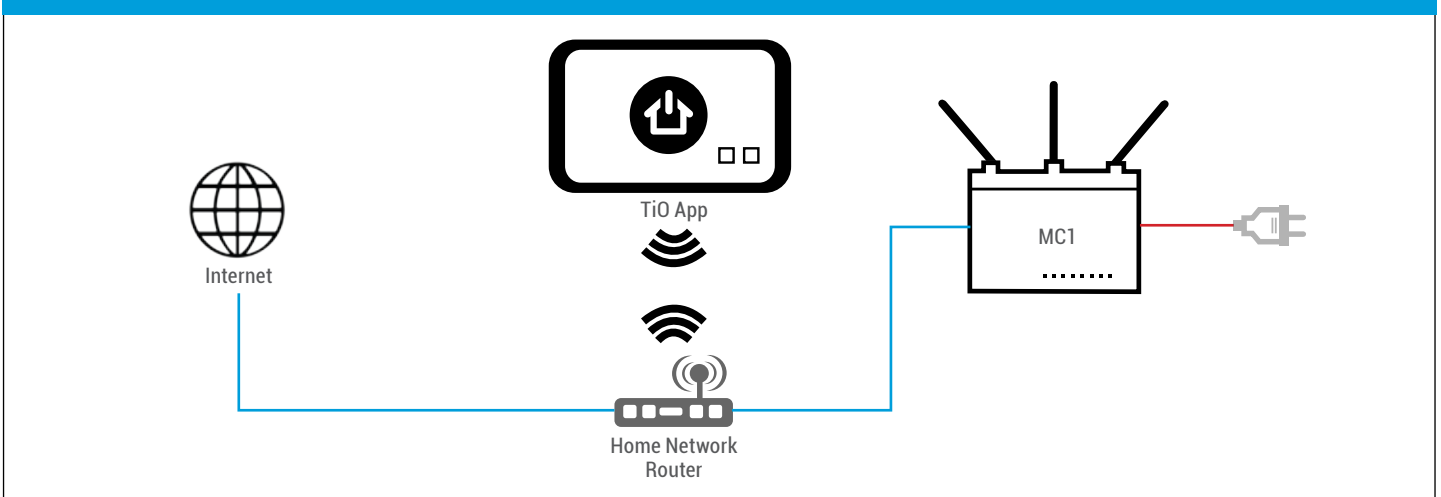
**STEP 5** From the TiO Home Music Screen, select a music service from the drop down menu.

**STEP 6** Continue through the Options until desired settings are selected.

**NOTE:** By deselecting Show Tips after Initial Music Setup, you will return to the Now Playing screen.

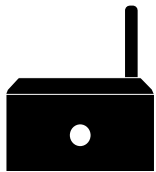
## System Overview

### The Network

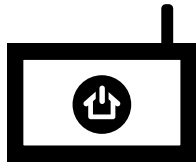


### Element Profiles

#### Audio Elements



StealthStream™ 1



TouchStream™ 7



TouchStream™ 4



Wi-Fi



Wired Network



VC Retro-fit



Power Coupler



Digital Input



Stereo Output



vTuner



TuneIn



SiriusXM®



Rhapsody®



Bluetooth®



DLNA Music

#### Lighting Elements



TouchLite™ 4



LED



Incandescent



CFL



1, 2, 4 Button



Switch Mode



Dimmer Mode



Wi-Fi



Load Level Power

#### Climate Elements



ThermoTouch™ 1



Local Forecast



Vacation Mode



Energy Saver



Gas



Electric



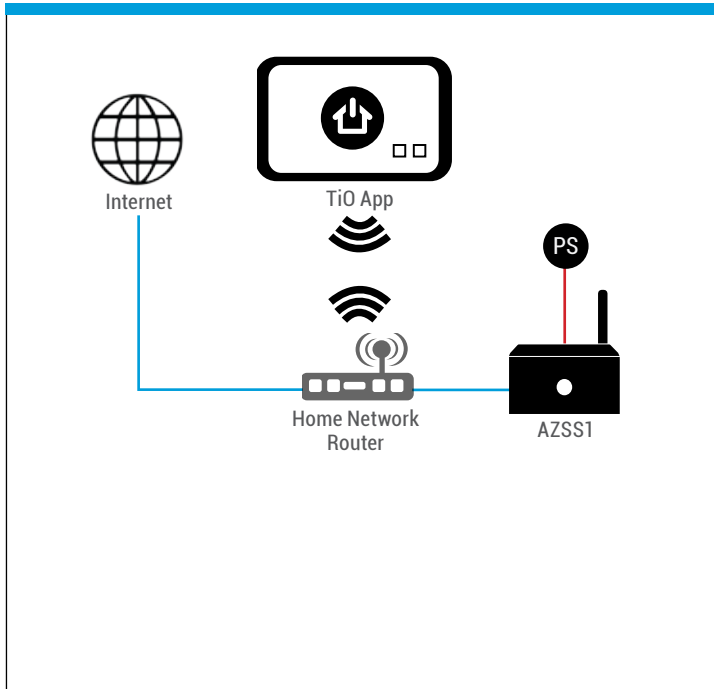
Wi-Fi

## Audio Applications

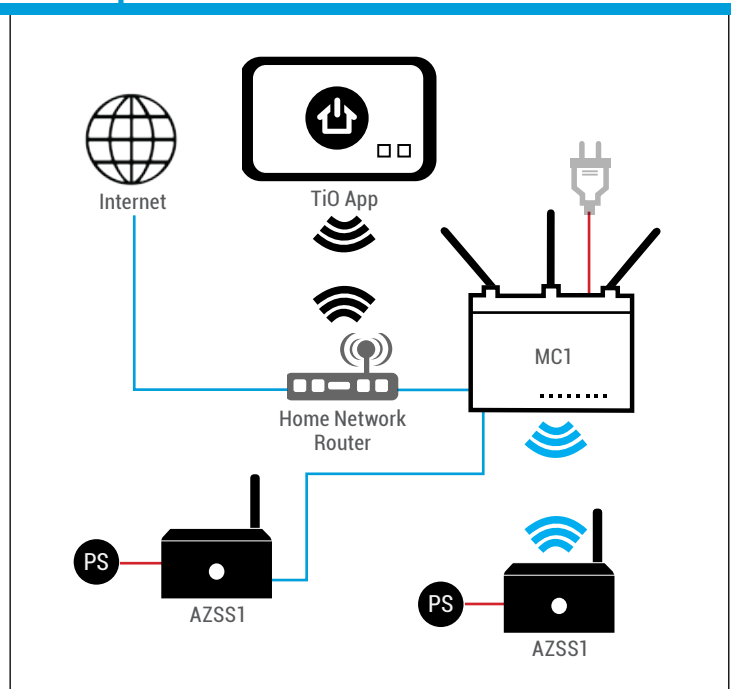
**Stand-alone application:** The TiO Streaming Audio Players can be configured as a Stand-alone single zone or be tied to a MasterCoordinator for true Multi-space applications. When installed as a single space, configuration is still completed through the TiO Pro App and it communicates directly to the Audio Player, through the home network with a wired or wireless connection.

**Multi-space applications:** For this application, the addition of a MasterCoordinator is required. Configuration is completed through the TiO Pro App and Audio Zones can be installed for wired or wireless applications.

### Stand-alone



### Multi-space



When setting up a Stand-alone application be sure the home network router is Wi-Fi Protected Setup™ enabled.



The MC1 can have up to 4 wired TiO elements routed directly to it. If you want to hard wire more Audio zones simply add a capable network switch to the connection.



All Audio zones feature wireless and wired networking so that you can choose which method will work the best for your application.



## Troubleshooting Guide

Symptom	Cause	Solution
Can not find the AZSS1 on the network	No AC power	Make certain AC power cord is plugged into a live outlet
No Control Elements Found	TiO elements are not "ON" or configured properly	You can test-drive the App by selecting "Demo Mode"

### Diagnostics/LED Functionality

**NOTE:** The screen brightness is adjustable in the TiO system configuration software and is set to a default of fifty percent.

Status LED	Issue	Solution
BLUE	None	None
GREEN	None	None
YELLOW	<ul style="list-style-type: none"> <li>After Over Temperature: <b>Blinks</b> Yellow in one second intervals</li> <li>Power Supply Over Voltage: <b>Solid</b> Yellow</li> </ul>	Automatically recover from fault conditions when fault is corrected
YELLOW BLINKING		
RED	<ul style="list-style-type: none"> <li>No Ethernet: Solid Red light</li> <li>Speaker Short: <b>Blinks</b> Red in one second intervals</li> </ul>	<ul style="list-style-type: none"> <li>Verify Ethernet connections</li> <li>Verify Speaker wiring</li> </ul>
RED BLINKING		

## AZSS1 Specifications

### Dimensions (overall)

6.99W x 4.78H x 9.91D cm /  
2.75W x 1.88H x 3.90D in

### Weight

249g / .55lb

### Connectivity

Wired or Wireless 802.11n  
2.4GHz, Ethernet  
Bluetooth version 3.0

### Amplifier

Max Output -  
100W @ 4 Ohms;  
< 0.1% THD+N @ 1kHz

### Frequency Response

20Hz to 20kHz

### Equalization

Bass +/- 6dB  
Treble +/- 6dB

### Digital In

DAC accepts 16 – 24 – 32 bit audio

### Synchronized Audio

Total audio delay across  
6 Synchronized spaces < 10ms  
(available when using an MC1)

### Connectors

#### Speakers

4 wire removable connector

#### Power

2 wire removable connector

#### Optical Audio Input

Toslink connector

#### Analog Audio Output

3.5mm stereo jack

#### Ethernet

RJ45 socket

### Supplied Accessories

In-wall bracket with screws

Sold Separately:



Android is a trademark of Google Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Automated Control Technology Partners, Inc. is under license. Other trademarks and trade names are those of their respective owners.

Please register your TiO AZSS1 on our website at  
[www.tiohome.com](http://www.tiohome.com)

**NOTE:** You will need the product serial number. At the same time, you can choose to be notified about our new products and/or special promotions.





## Contact Information

---

Automated Control Technology Partners, Inc.  
2400 Sand Lake Road, Suite 600  
Orlando, Florida 32809  
Office Hours: 9am-5pm EST  
Phone: 407-278-1200

## Technical Support

855-9999-TiO (855-999-9846)  
[support@tiohome.com](mailto:support@tiohome.com)



National Toll-Free: 888-964-8638  
[www.tiohome.com/learnmore](http://www.tiohome.com/learnmore)

