DMA CONTROL APP

QUICK START GUIDE

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DMA CONTROL APP

DOWNLOADING THE DMA CONTROL APP

1. Download the AtlasIED DMA Control APP from the Apple App Store or the Android Google Play Store. Search for "AtlasIED DMA Control".

App Store logo

Google Play Store AtlasIED DMA App

Apple Store AtlasIED DMA App

DMA Control App on Android Galaxy

DMA Control App on Apple iPhone

2. After downloading the DMA Control App, ensure in the Settings section of the device to be paired that Bluetooth is enabled or the APP will not discover the DMA devices.

Click **Allow** for the DMA Control App to discover a DMA amplifier or DMA-BT accessory.
Note: This notification will appear differently for different mobile device brands.

Apple iOS

Android

2

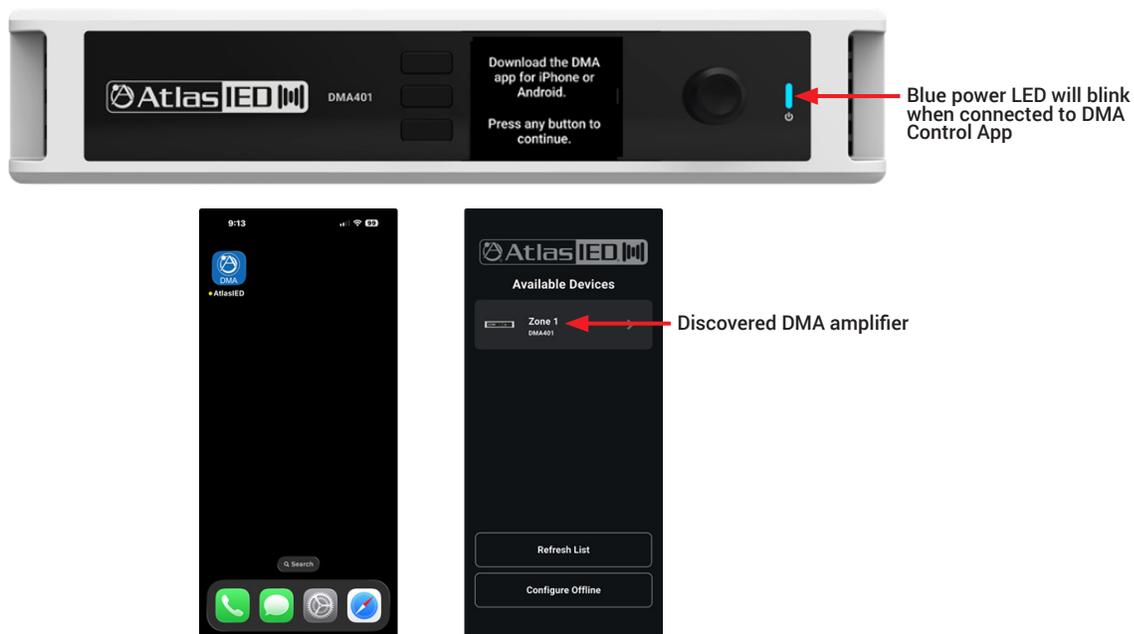
DMA CONTROL APP
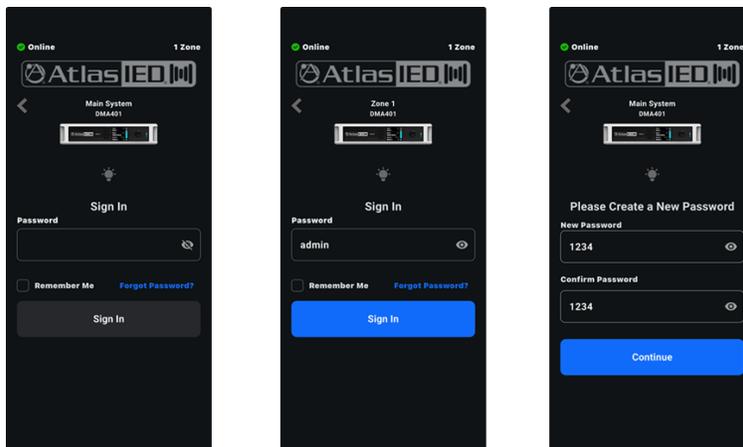
DOWNLOADING THE DMA CONTROL APP - (CONTINUED)

3. When first opening the DMA Control App to connect to a DMA device, you should be within 10 ft (3 m) of the DMA Amplifier you are configuring. You should be able to see the amplifier's display. The maximum range for a Bluetooth connection is 100 ft (30 m). The actual range will vary depending upon the environment.

4. Confirm the DMA amplifier power LED is Blue. Open the DMA Control App and the DMA amplifier will appear as discovered under Available Devices. **Note:** If the DMA amplifier does not appear as discovered, check the Bluetooth settings on the device to ensure the DMA Control App is enabled.

Blue power LED will blink when connected to DMA Control App

Discovered DMA amplifier

5. Select the DMA amplifier and sign in by entering the default password **admin** in all lower-case letters. A password change is required prior to any further use. The new password is limited to 15 characters but is not restricted by type (i.e., punctuation marks, special characters, numbers, letter case). **Note:** The default password can be re-entered, but a password change will be required for each session. To reset a forgotten or unknown password, refer to the section **Resetting the DMA Login Password** on page 23 in this manual.

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DMA CONTROL APP

DOWNLOADING THE DMA CONTROL APP - (CONTINUED)

6. **1 Zone (DMA)** – After entering the password, you will be asked to select the amplifier mode to be configured. The DMA amplifier is pre-configured to 1 Zone operation. For all other configurations, an LMA series amplifier is required to be connected via the Linked Amplifier Output.
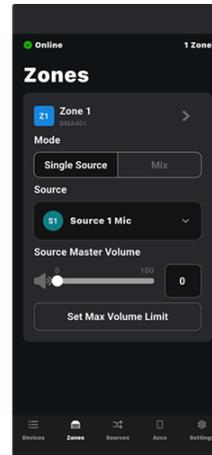
7. **DMA & LMA Linked Discovery** – When discovering the DMA amplifier with an LMA connected via the Linked Amplifier Output, the DMA + LMA are listed as a single selection. Available selections are 2 Zone, 1 Zone with Subwoofer, and 1 Zone Expansion. See **DMA + LMA Example Setups** on page 22.
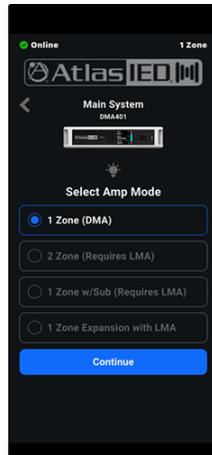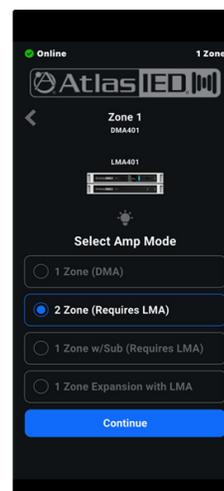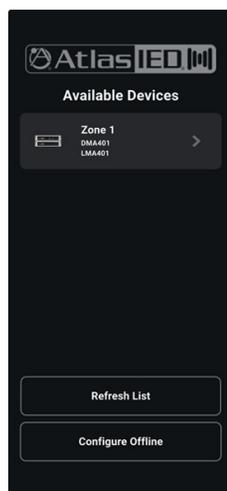
DMA CONTROL APP
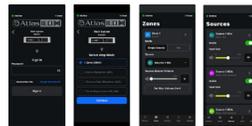
DMA + LMA EXAMPLE SETUPS

A.   DMA linked to LMA, 2 Zone system diagram with separate Zone Source Level Control and Source Selection

Dinning Room

Bar

B.   DMA linked to LMA, 1 Zone + Subwoofer

Main Area Mid / HF

Area With Subwoofer

C.   DMA linked to LMA, 1 Zone Expanded

Main Office Area

Extended Office Area

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RESETTING THE DMA LOGIN PASSWORD

In the event the login password is misplaced, it can be reset without losing the amplifier settings by doing the following.

1. Unplug the AC mains power cord and then wait 1 minute for the power supply to fully discharge. Neither the color LCD nor the LED should be illuminated.

2. Press and hold in the control knob while reconnecting the AC mains power cord. Continue to hold in the knob until the following screen appears.
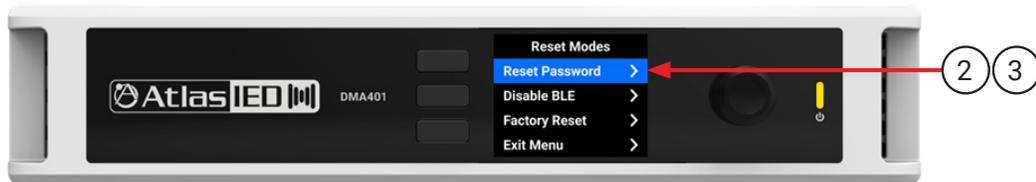
3. Use the control knob to scroll to and then select **Reset Password**, then follow the prompts. **Note:** Amplifier settings from before the password reset will be retained.
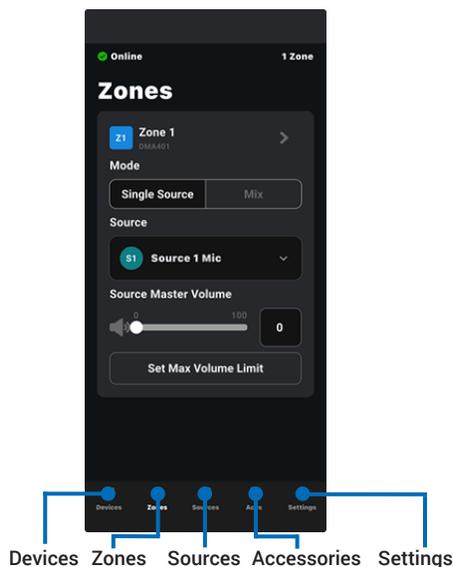
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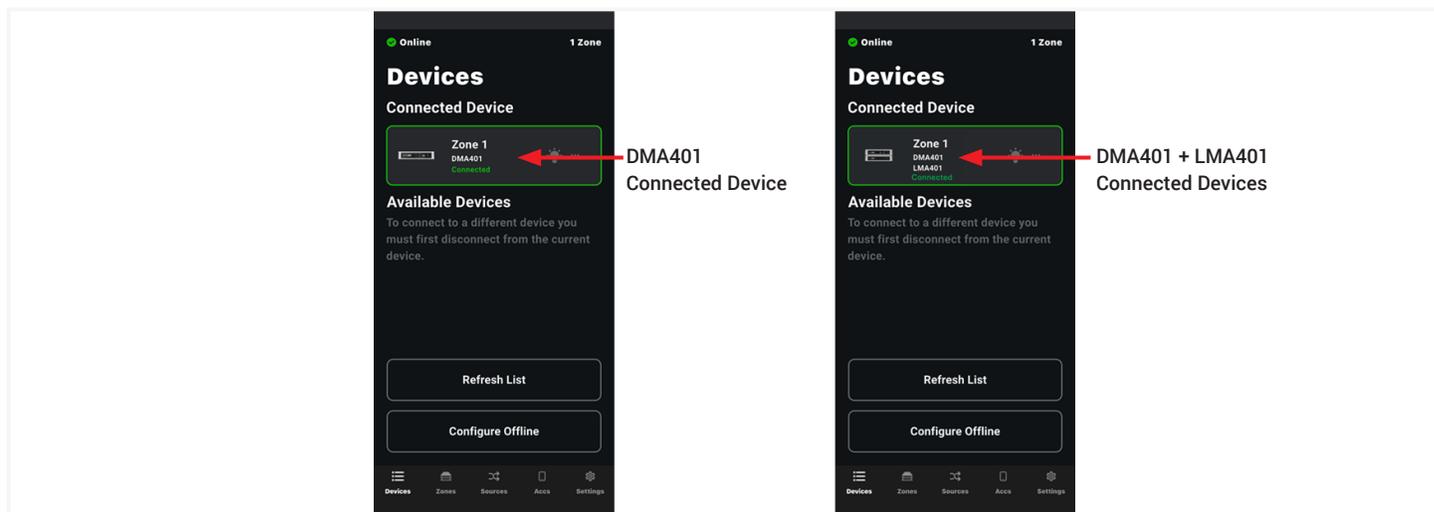
SECTION TABS - OVERVIEW

The DMA Control App consists of five section tabs arranged along the bottom of the app screen.

Devices Zones Sources Accessories Settings

DEVICES TAB

The Devices Tab provides a snapshot of the devices connected to the DMA Control App

DMA401
Connected Device

DMA401 + LMA401
Connected Devices

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DMA CONTROL APP
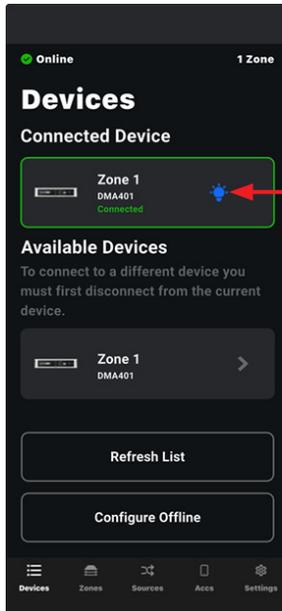
DEVICES TAB - (CONTINUED)

FIND ME FUNCTION

To physically locate the amplifier connected to the DMA Control App, click the bulb icon and the amplifier power LED will flash blue.

Tap the bulb icon

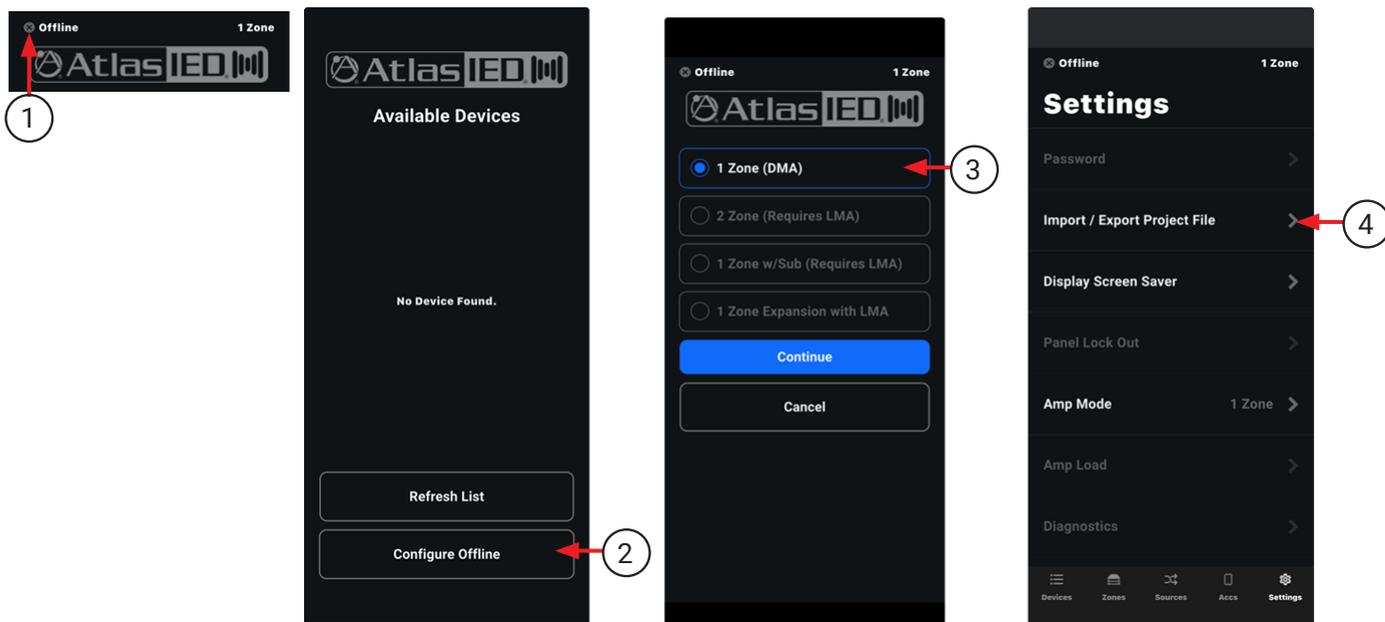Both the DMA amplifier power LED and bulb icon will flash blue.

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DMA CONTROL APP

DEVICES TAB - (CONTINUED)

CONFIGURE OFFLINE

System designs can be created when the DMA Control App is not connected with a DMA amplifier. This is called Offline Mode. This allows configurations to be created offline and later uploaded to a DMA amplifier. **Note:** A configuration must be saved to the phone or tablet in order to be uploaded later when the app is online with the DMA amplifier.

To create a configuration and save a configuration in Offline Mode, do the following.

1. Check the upper left corner of the app screen to ensure the app is not connected to a DMA amplifier ("Offline")

2. Tap **Configure Offline**.

3. Tap to select the amplifier mode to be configured and make changes as necessary. Refer to **Zones Tab** on page 10 for more information.

4. When finished, tap **Import / Export Project File**.

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DMA CONTROL APP

ZONES TAB

The Zones Tab is divided into sections related to the specific zone to be configured.

- The DMA amplifier out of the box is configured for the 1 Zone application, which has one amplified output. The DMA amp amplified output is referred to in the DMA Control App as Zone 1.

- If the DMA amplifier is linked to an LMA amplifier, the DMA is referenced as Zone 1, or the Main System Zone, and the LMA is referred to as either Zone 2, Subwoofer Channel / Zone, or Expansion Zone. The factory default naming will be related to the Amp Mode selection when the DMA amplifier is first paired with the DMA Control App.

1 ZONE CONFIGURATION (FACTORY DEFAULT SETTINGS)

The Zone page provides access to the following items.

Zone 1 selected

Zone setting selection

Single source mode

Source selected via front panel of DMA amplifier

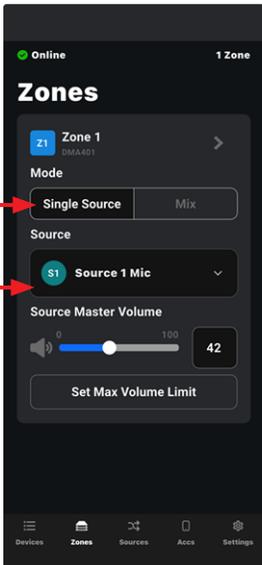Source master level, adjust on DMA amplifier front panel.

DMA CONTROL APP

ZONES TAB - (CONTINUED)
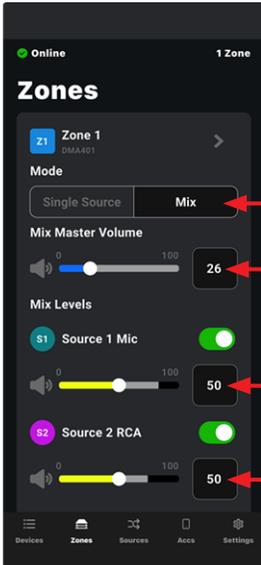### SELECTING SINGLE SOURCE OR MIX MODE

The DMA amplifier offers two operating modes for selection on the DMA front panel.

- **Single Source Mode** — The DMA amplifier out of the box is configured for the 1 Zone application, which has one amplified output. The DMA amplifier amplified output is referred to in the DMA Control App as Zone 1.

- **Mix Mode** — This is a combination of all assigned inputs, summed into a single output. Mix levels are created on the Source assignment tab.

Single Source Mode   Mix Mode

Only source plays

Mix selected

Mix Master Volume

Multiple sources are summed/ mixed together

DMA CONTROL APP

ZONES TAB - (CONTINUED)

SETTING THE ZONE SOURCE MASTER MAX VOLUME LIMIT

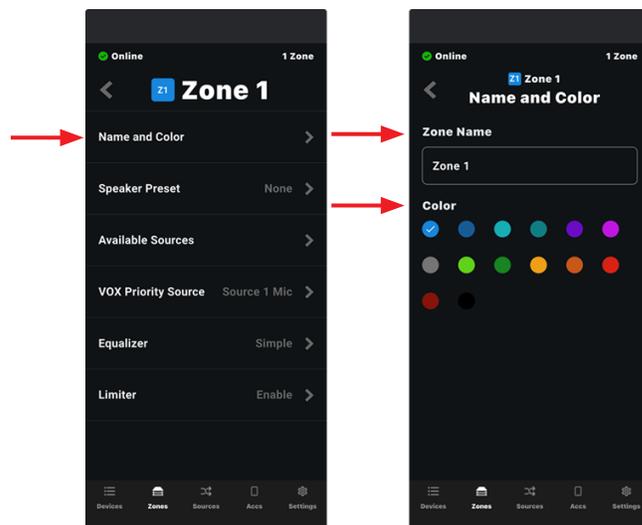The source master volume and maximum volume limit are set using the following controls.

- **Source Master Volume** — Drag the slider to the desired master volume level for the source selected.
- **Set Max Volume Limit** — Open to set the master volume limit of the connected device.

Source Master Volume   Max Volume Limit

Source Master Volume

Set Max Volume Limit
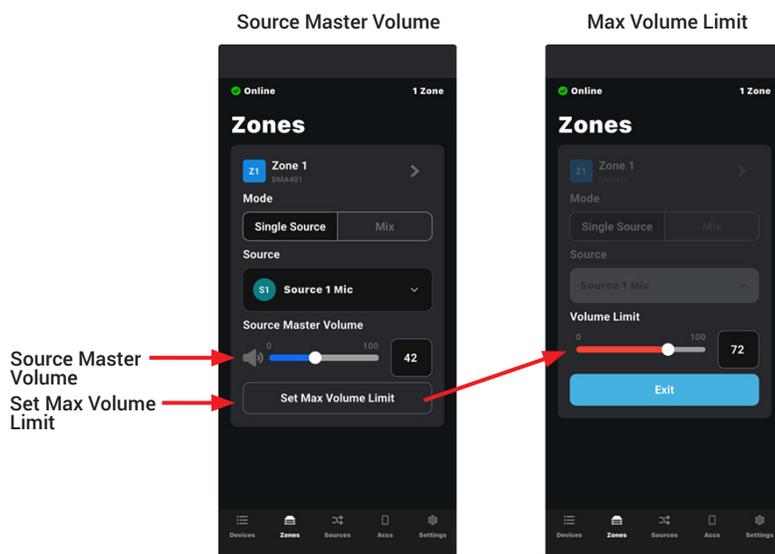
CUSTOMIZING THE ZONE NAME

The Zone name can be customized and assigned a color for quick identification.

- **Name and Color** — Select to open Zone Name dialog box.
- **Zone Name** — Type the new name for the zone.
- **Color** — Tap to select the color that will be associated with the new zone name.

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DMA CONTROL APP
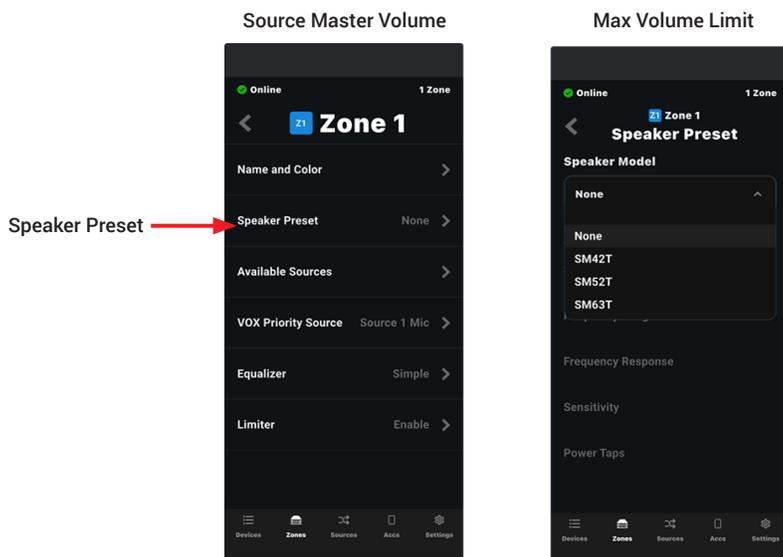
ZONES TAB - (CONTINUED)

APPLYING A SPEAKER PRESET

A variety of AtlasIED speakers presets are available with factory EQ settings to maximize the performance of the speaker. **Note:** The Zone Equalizer for tuning the speaker to the area is available for further optimization.

- **Speaker Preset** — Select to open the Speaker Preset dialog screen.
- **Speaker Model** — Select the appropriate model from the scrolling menu.

Source Master Volume   Max Volume Limit

Speaker Preset ⟶

VIEWING AND SELECTING AVAILABLE SOURCES

Select **Available Sources** to view a list of input sources. Select the checkbox to add the source to the zone.

Select checkbox next to source to add to zone
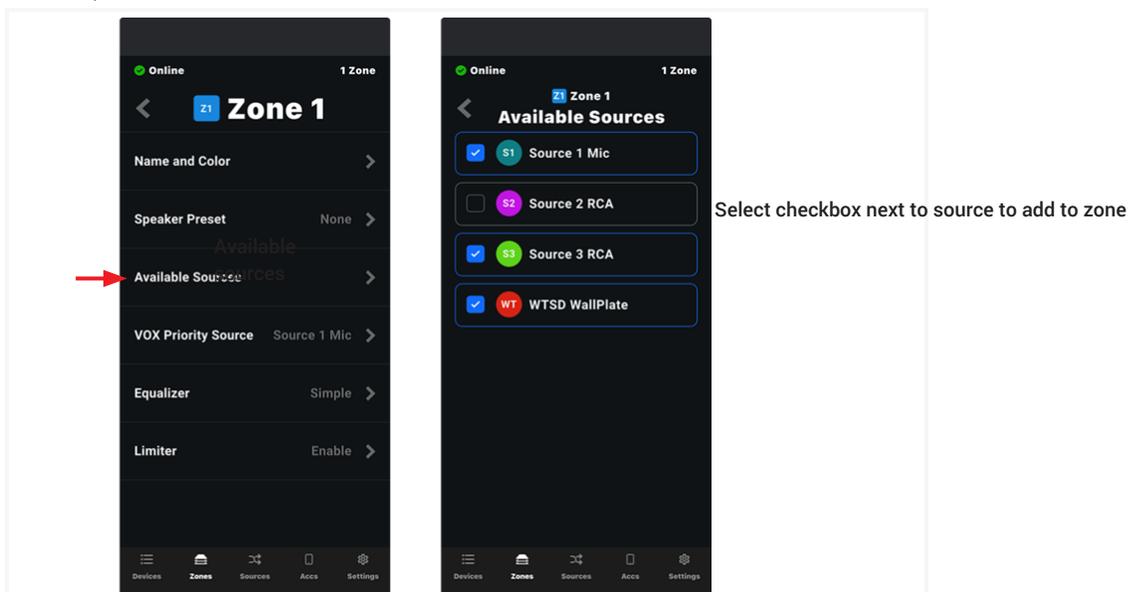
ZONES TAB - (CONTINUED ON NEXT PAGE)

DMA CONTROL APP

ZONES TAB - (CONTINUED)

VOX PRIORITY ASSIGNMENT

Select the Source to be the priority input. When this input receives an audio signal, it will send a command to mute all other source inputs. There are selections on Duck amount and during of the mute. There is also a mute threshold adjustment.
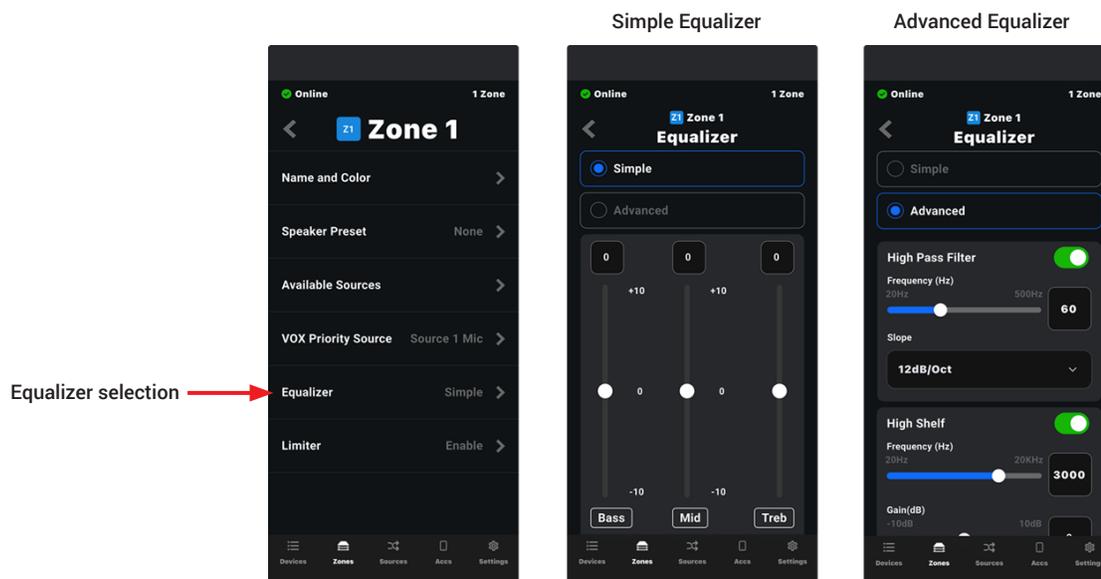
- **VOX Send Source** — Select the input to mute when the VOX Priority command is triggered.
- **Duck & Time** — Select a preset ducking amount (as a percentage) and duration (in seconds) option from the list.
- **Priority Threshold** — Drag the slider to set the audio input signal level (in decibels) that will trigger the Mute Send command.

VOX Priority Source

Source Mute Send

Duck & Time

Audio input signal level to trigger Mute Send command
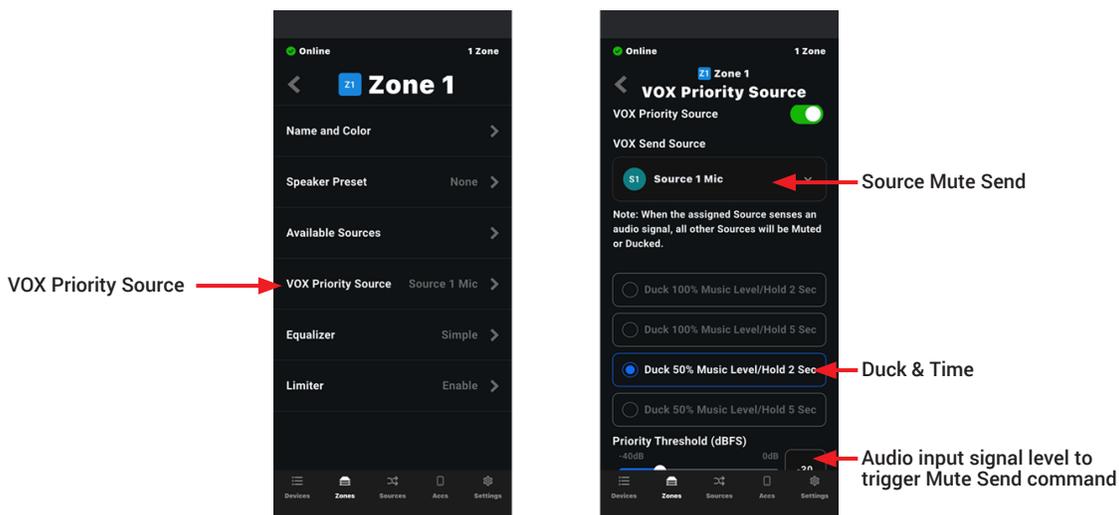
ZONE EQUALIZER

There are two types of equalizer available for each Zone output. Select **Equalizer** and then select either option.

- **Simple** — This a 3-band EQ with simplistic Bass, Mid and Treble level adjustments.
- **Advanced** — This EQ type contains multiple filters for custom tuning during installation.

Simple Equalizer   Advanced Equalizer

Equalizer selection

ZONES TAB - (CONTINUED ON NEXT PAGE)

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DMA CONTROL APP

ZONES TAB - (CONTINUED)

6. Zone Limiter

By default, the Zone Limiter is enabled and set to 0, which means the Zone output can deliver maximum output levels. Use the Zone Limiter to set the limit threshold for the zone output signal.

- **Enable** — Tab to enable or disable the Limiter.
- **Threshold** — Drag the slider to set the Threshold (in decibels).

Limiter selection

Enable switch

Threshold adjustment
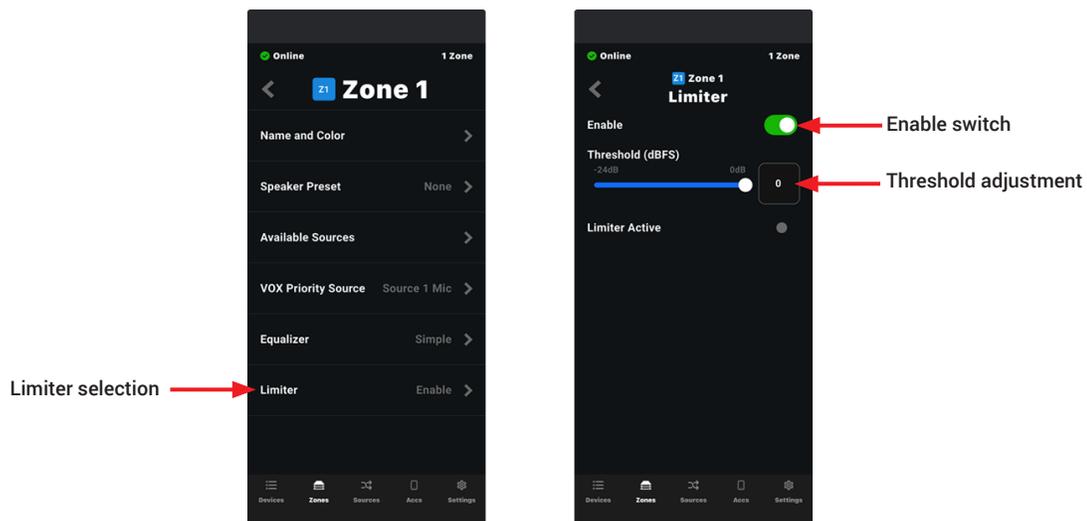
ZONE 2 (IF LINKED WITH AN LMA AMPLIFIER)

Zone 2 has all the same options as Zone 1 above. **Note:** Zone 2 settings are independent of Zone 1.

Zone 1

Zone 2

Zone 2

15
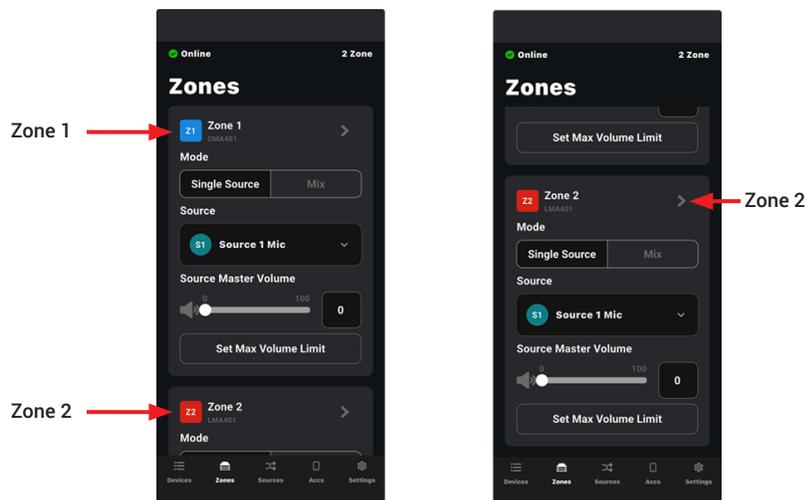
DMA CONTROL APP

SOURCE TAB

The DMA amplifier has four source inputs.
- Sources 1, 2: Balanced Line or Microphone, RCA Summed. EQ, Gate, Compressor, Phantom Power.
- Sources 3: Balanced Line or Microphone, RCA Summed. Optical TOSLINK Input. EQ, Gate, Compressor, Phantom Power
- WSTD Input with EQ, Gain and Limiter

Tap **Enable** to access the settings for that input.
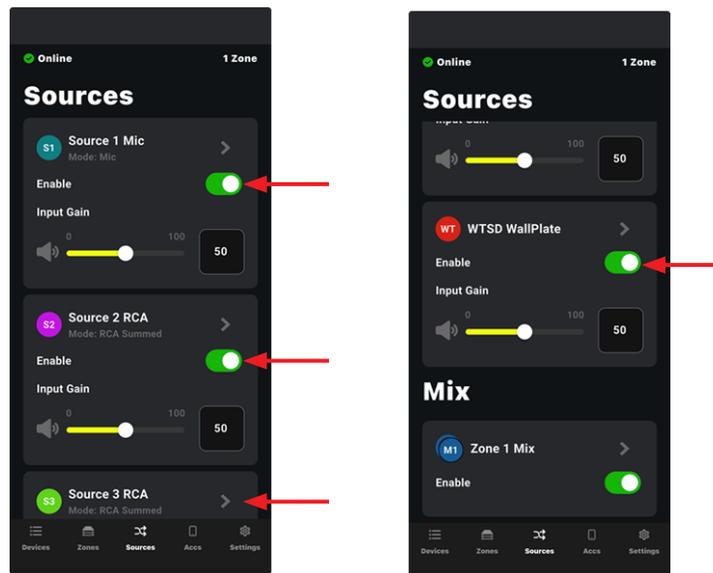
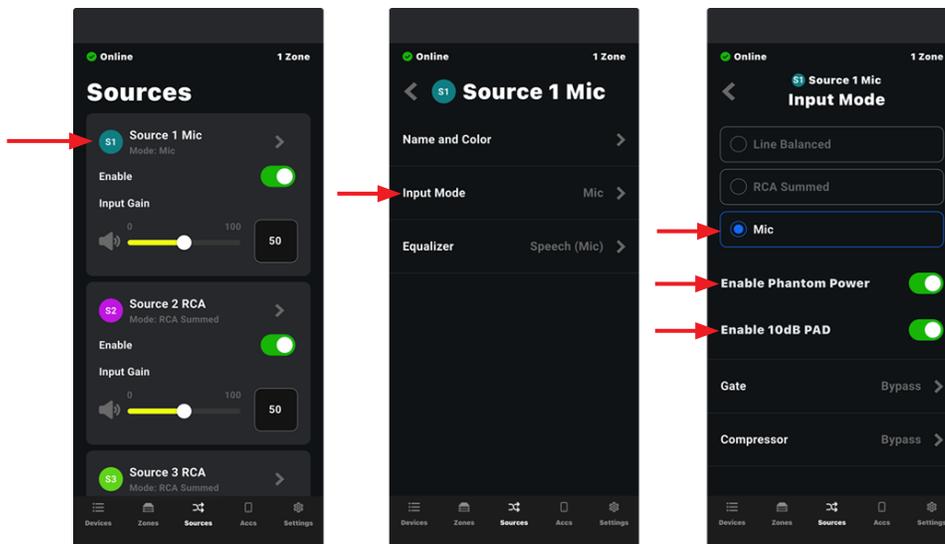**SOURCE TAB -** (CONTINUED ON NEXT PAGE)
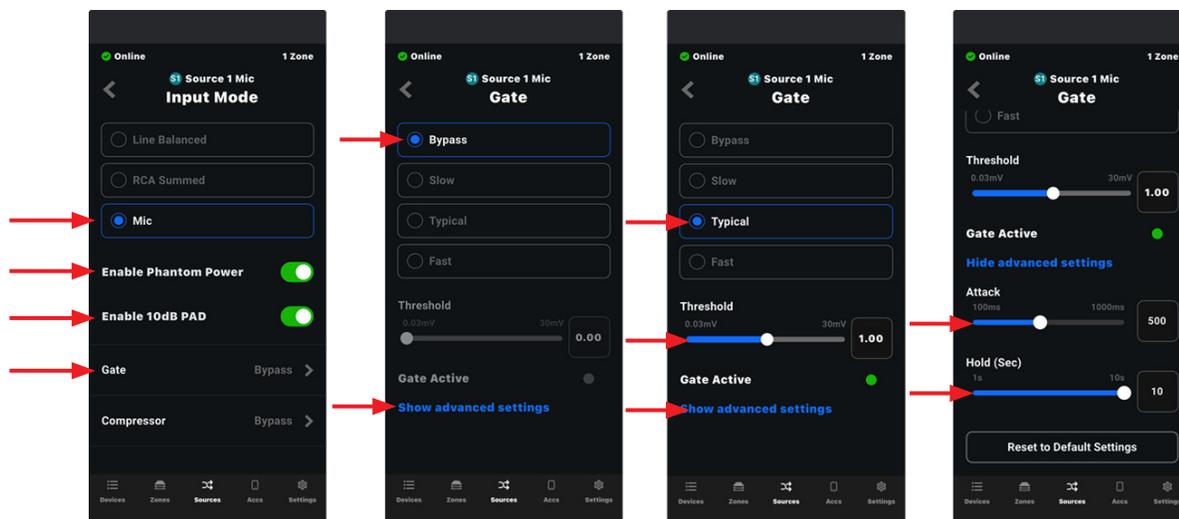
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DMA CONTROL APP

SOURCE TAB - (CONTINUED)

SOURCE MIC MODE

Do the following to access the Phantom Power and 10 dB Pad input functions.in Mic Mode.

SOURCE GATE (MIC MODE ONLY)

Do the following to access the gate functions.in Mic Mode.

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DMA CONTROL APP

SOURCE TAB - (CONTINUED)

SOURCE COMPRESSOR (MIC MODE ONLY)

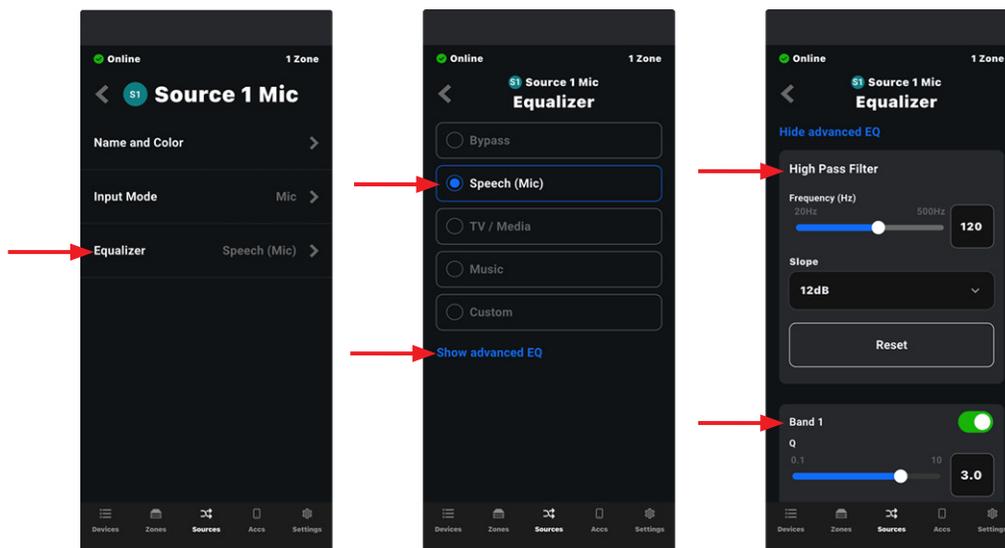Do the following to access the compressor functions in Mic Mode.
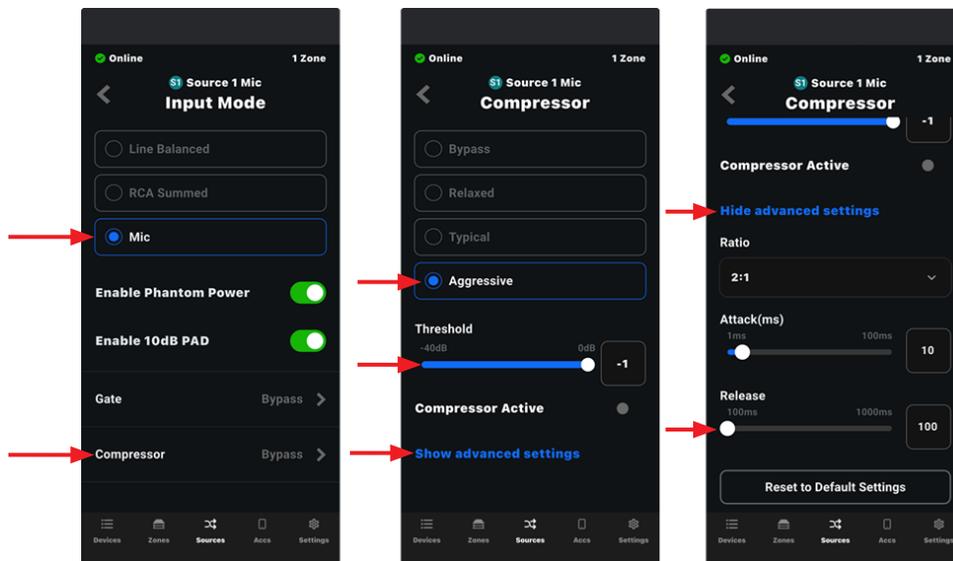
SOURCE EQ (FOR ALL SOURCE INPUTS)

All four source inputs have the same set of equalization controls:

- Preset EQ: Speech, TV/Media, Music, Custom
- High pass filter, 3-band parametric

Do the following to access the equalizier functions.

SOURCE TAB - (CONTINUED ON NEXT PAGE)

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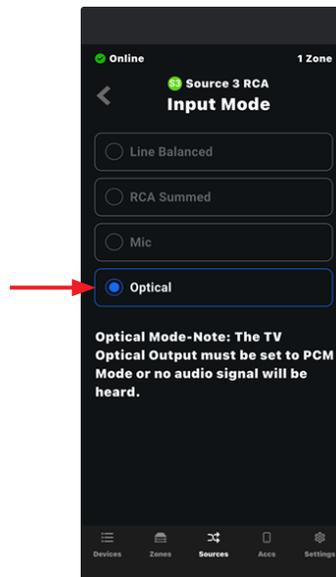
DMA CONTROL APP

SOURCE TAB - (CONTINUED)

SOURCE OPTICAL INPUT (SOURCE/INPUT 3 ONLY)

Do the following to enable the Optical input source.

Note: If connected to a TV Optical output, the TV must be set to PCM Mode, or a buzz may be heard.
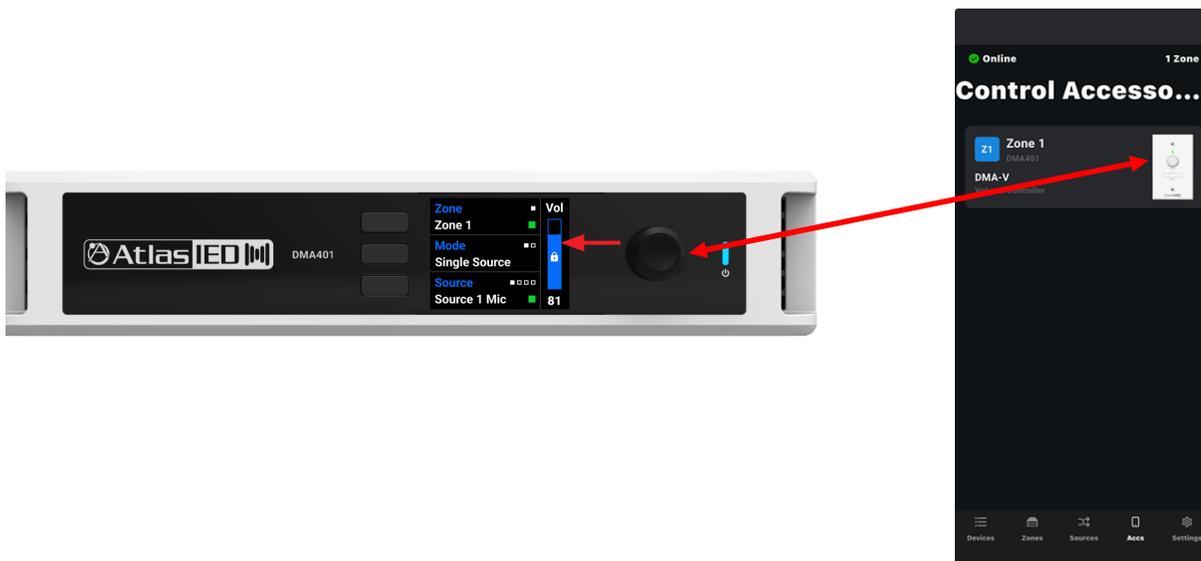
DMA CONTROL APP

ACCESSORIES TAB

When a DMA-V or DMA-VS is plugged into a DMA amplifier, it will be recognized and appear in the DMA Control App ACCS page.
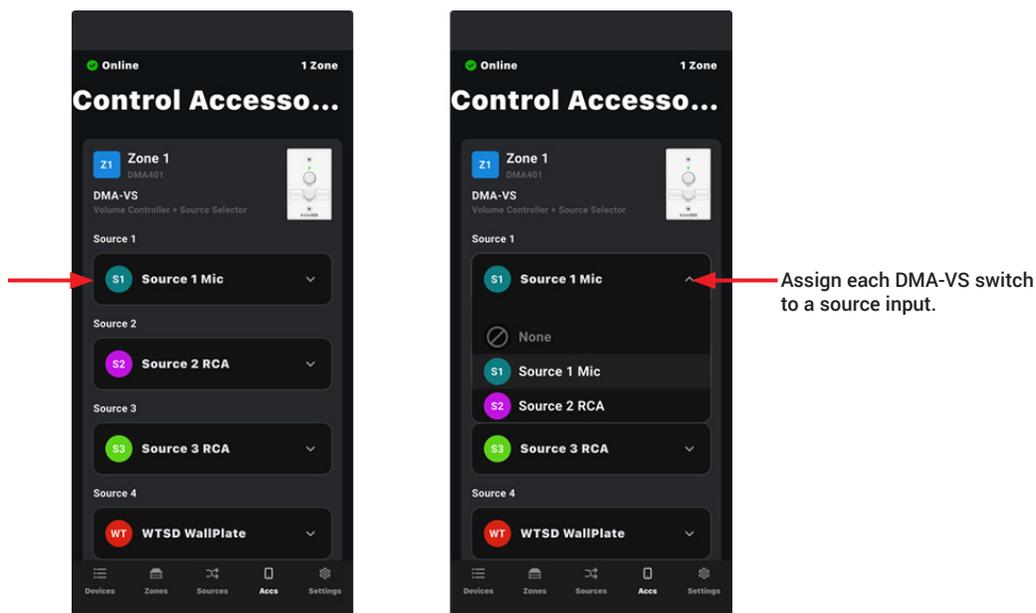
DMA-V

When connected, the volume control on the DMA-V wall plate replaces the DMA front panel level control. **Note:** When a DMA-V is detected, the DMA amplifier locks out the front panel level control and a white padlock icon appears within the meter level bar.

DMA-VS

Sources can be assigned to DMA-VS selection switches by from the drop-down menu for each input source as shown below. **Note:** When a DMA-VS is detected, the DMA amplifier locks out the front panel level control and a white padlock icon appears within the level bar graph. See **DMA-V** above.
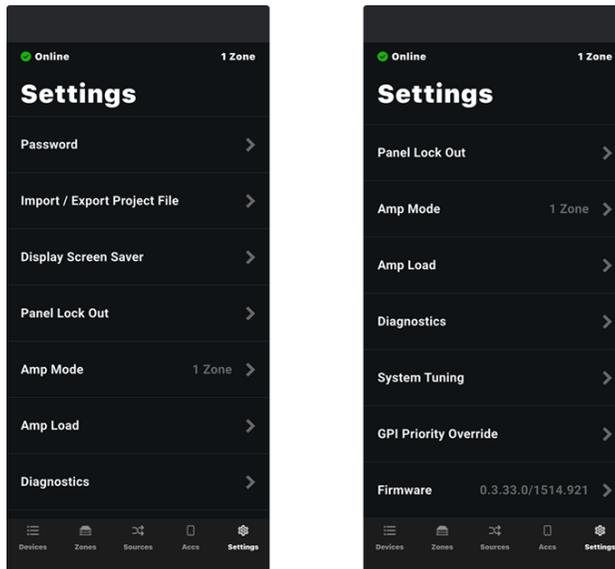

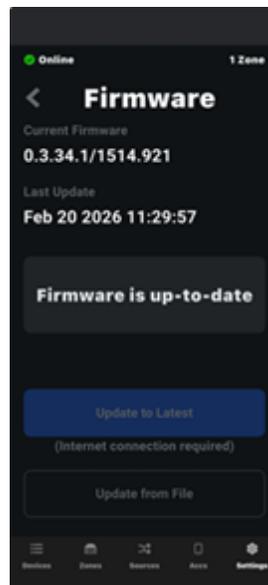Assign each DMA-VS switch to a source input.

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DMA CONTROL APP

SETTINGS TAB

The Settings tab provides a scrollable list of settings. Tap an item to expand its settings information.

The Settings tab provides access to the following items.

- **App Version** — Shows the version of the DMA Control App currently installed.
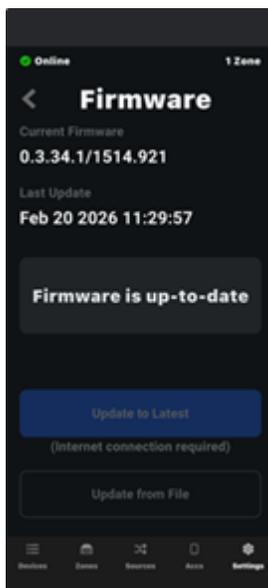- **Firmware** — Lists the DSP & UI Cloud firmware and Host firmware loaded

DMA CONTROL APP

SETTINGS TAB - (CONTINUED)

- **Password** — The login password can be changed using the DMA Control App or via the front panel. Refer to the **DMA Series Owner's Manual**.

- **Amp Mode** — Allows the DMA amplifier operating mode to be changed..
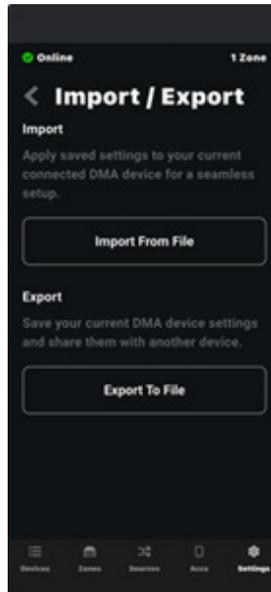

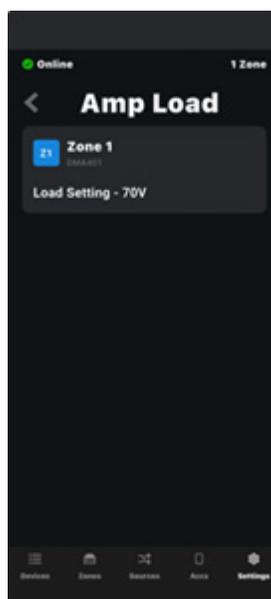**SETTINGS TAB -** (CONTINUED ON NEXT PAGE)

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DMA CONTROL APP

SETTINGS TAB - (CONTINUED)

- **Import/Export** — Allows settings to be imported from- and exported to a file.

- **Amp Load** — Shows the current load switch setting on the DMA amplifier rear panel. **Note:** This screen also shows the load switch setting for a connected LMA amplifier...

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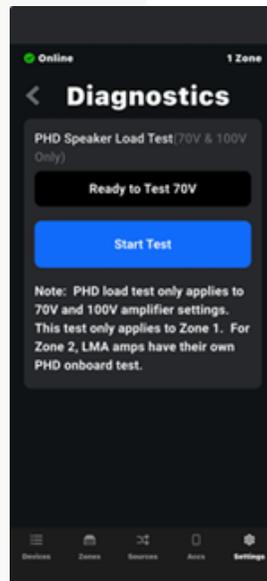ENNIS, TEXAS 75119 U.S.A.   TELEPHONE: (800) 876-3333
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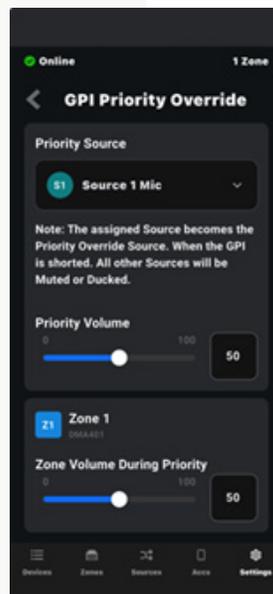
SETTINGS TAB - (CONTINUED)

- **Diagnostic** — Provides access to the PHD test for checking speaker system wiring errors. See the **DMA Series Owner's Manual** for information on conducting this test.

- **GPI Priority Override** — Provides access to the GPI Priority Overrride function for an assigned source.
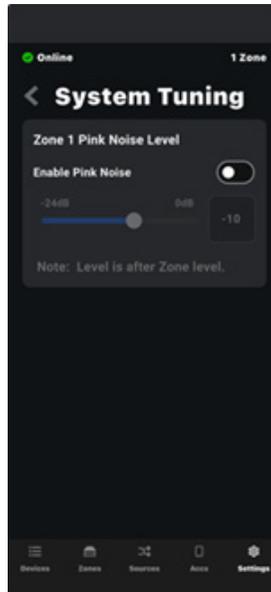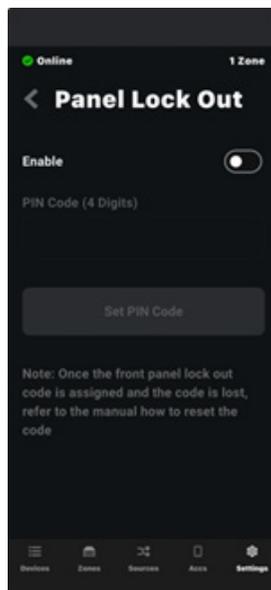

SETTINGS TAB - (CONTINUED ON NEXT PAGE)

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QUICK START GUIDE

SETTINGS TAB - (CONTINUED)

- **System Tuning** — Provides access to a pink noise generator for system tuning. **Note:** The pink noise is generated pre-source levels.
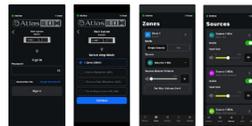

- **Panel Lock Out** — A panel lock-out code can be applied to prevent front panel control tampering.

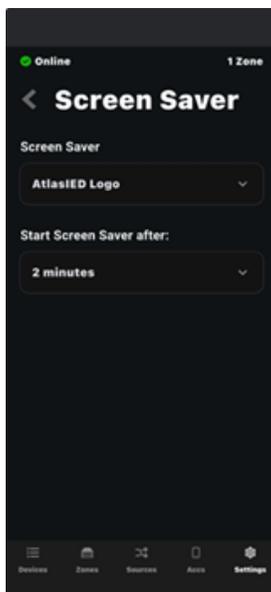**SETTINGS TAB -** (CONTINUED ON NEXT PAGE)

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DMA CONTROL APP

SETTINGS TAB - (CONTINUED)

- **Display Screen** — Allows access to the screen saver for the DMA amplifier front panel display.

- **Factory Reset** — Contains a web link to the **DMA Series Owner's Manual** for information on performing a factory reset of a DMA amplifier.

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