



Avid VENUE | On-Stage App

Avid VENUE | On-Stage app for iOS lets performing artists remotely control their personal mix with access to Aux master level, and level and pan of each member channel feeding a selected Aux monitor mix. VENUE | On-Stage can also adjust Mains level, with control of channel level, pan (for mono), or balance and width (for stereo), and mute for each channel, Aux, and Group assigned to Mains.

Access to Aux mixes and Mains can be password protected, to control who can adjust which mixes.



VENUE | On-Stage, Mix screen for a selected Aux

VENUE | On-Stage easily connects to a supported VENUE | S6L system via Wi-Fi. Up to 16 instances of On-Stage can be connected simultaneously.

You can also run On-Stage in Demo mode to explore it without having to connect to a VENUE system.

System Requirements

VENUE | On-Stage is compatible with VENUE | S6L (requires VENUE software version 5.6 or higher)

VENUE | On-Stage is compatible with iPads and iPhones running iOS 10 or higher

Installing and Connecting VENUE | On-Stage

Installing VENUE | On-Stage requires the following steps:

- [Installing VENUE Software](#)
- [Installing VENUE | On-Stage on Your Mobile Device](#)
- [Connecting a Wireless Router or WAP](#)
- [Launching On-Stage](#) to select and connect to a VENUE system.

Installing VENUE Software

VENUE | S6L Systems VENUE software version 5.6 or later must be installed on your S6L system. For complete software installation instructions, see the most recent edition of the *VENUE S6L Installation.pdf*, available for download from your Avid account.

On-Stage also includes a Demo mode that you can run without needing to be connected to a supported VENUE system.

Installing VENUE | On-Stage on Your Mobile Device

To install the VENUE | On-Stage app:

- 1 On your iPad, open the App Store.
- 2 In the Search box, enter “VENUE | On-Stage,” then tap Search.
- 3 Locate the app on-screen, tap Get, then tap Install.
- 4 When installation is complete, tap Open.
- 5 Proceed to [Connecting a Wireless Router or WAP](#).



Icon for Avid VENUE | On-Stage

Connecting a Wireless Router or WAP

Standard wireless routers or WAP devices can be connected to the **ECx** port on your S6L control surface or E3 Engine for wireless remote control of your system.

To connect a wireless router or WAP device to your S6L control surface:

- 1 Connect one end of a standard Ethernet cable to the **ECx** port on your S6L control surface.

⚠ Only use the port labeled “**ECx**” for wireless router (or ECx, or internet for activation) connections. Do not use the ports labeled “Network.”

- 2 Connect the other end of the cable to the Ethernet port on the router or WAP.



Router connected to ECx port on the back panel of the S6L control surface

- 3 Connect your iOS device to the wireless network associated with the router that is connected to your VENUE system.

For additional security, it is recommended to use a secured closed Wi-Fi network for console control.

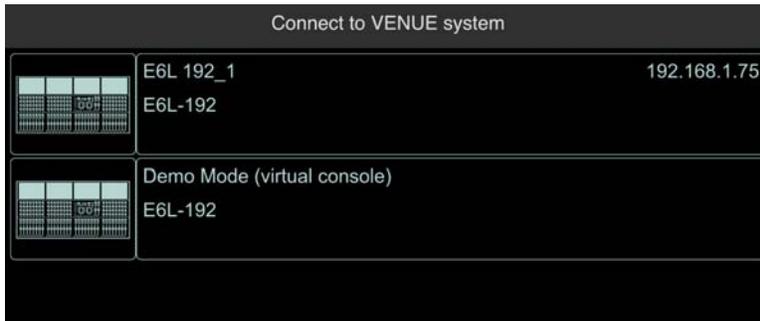
Launching On-Stage

Launch On-Stage as you would any app on your mobile device (tap its icon).



Icon for Avid VENUE | On-Stage

On-Stage finds all S6L systems on the Wi-Fi network and displays the Connect screen.



Connect to VENUE System

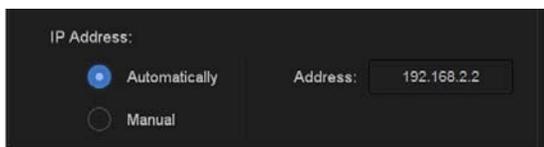
To connect On-Stage to a VENUE system:

- On the Connect screen, tap to choose one of the listed systems. If any passwords are enabled for that system you will be prompted to enter a password. Enter your custom password or ask the system administrator to provide one. (For more information, see [Controlling Access to Mixes](#)).
- Or choose Demo mode to tour the On-Stage app without connecting to a system (no password required).

If you don't see your VENUE system listed, make sure it is configured to get its IP Address Automatically.

To set the IP address in VENUE automatically:

- 1 On the external VENUE software screen, go to the Options > Interaction tab.
- 2 In the Ethernet Control section, under IP Address select Automatically.



Ethernet Control section of VENUE Options > Interaction

As long as your mobile device is connected to the Wi-Fi network and that Wi-Fi router or WAP is connected to the **ECx** port, connection is automatic.

About ECx and On-Stage

ECx Ethernet Control and the On-Stage app can be used simultaneously. On-Stage is always enabled and is not dependent on or affected by enabling VNC control for ECx in Options > Interaction.

Using On-Stage

Using VENUE | On-Stage to control monitor mixes is simple and intuitive. Once the mobile device is connected to a VENUE system, the Select Mix screen is shown.



Select Mix screen

In the Select Mix screen, each tile represents an Aux Master or Mains Master (Mains is always the last tile). In each tile, “O” indicates a mono Master and “OO” indicates stereo. If password protection is in use, the Select Mix screen lists only the mixes that are enabled for the entered password. (For more information, see [Controlling Access to Mixes](#)).

To select a mix:

- Tap a tile in the Select Mix screen.
The Mix screen appears for the selected Aux (or Mains).

In the mix screen, the Aux or Mains Master appears at the far left and provides level (fader), meter(s), and Mute.

To the right of the Master, up to 8 member channels (all channels assigned to the selected Aux or to Mains) are shown with meters, pan and fader control.



Mix screen

To see more member channels:

- Swipe the displayed member channels to the left (or right).

To adjust a mix element:

- Drag the fader to adjust member level.

To adjust in Fine mode:

- Tap or swipe to enable the Fine button (it lights green when enabled).



Fine enabled

When Fine is enabled, moving a fader lets you adjust that channel with greater resolution.

To pan:

- 1 Tap the Pan block near the top of the desired channel. The Pan focus window appears.



Pan encoder (mono)

- 2 Touch in the center of the encoder and drag in the desired direction.

When the selected channel is feeding a stereo Aux, Width and Balance controls are displayed.



Pan encoder (stereo)

When the selected mix is Mains, Mute switches are also available for each channel.

To hide the Master strip:

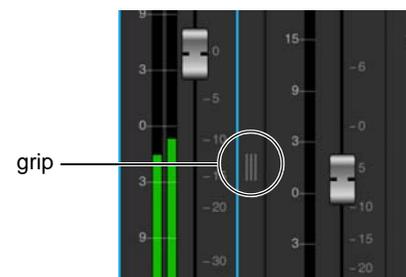
- Tap the “grip” icon along the right edge of the Master and swipe it to the left.

To show a hidden Master:

- Tap the “grip” icon along the left edge of the screen and drag it to the right.

To select a different mix:

- 1 Tap Select Mix.
- 2 In the Select Mix screen, tap a tile to select a different mix.
- 3 If password protection is enabled and you want to switch to a different user/password, navigate back to the Connect screen, select the S6L system and then enter the new password. (For more information, see [Controlling Access to Mixes](#)).



Controlling Access to Mixes

You can configure On-Stage mixes to require a password.

- Leaving all mixes available to all users of On-Stage lets anyone access and adjust any Aux mix or Mains. This is the default configuration; if you want everyone using On-Stage to have access to all available mixes, no further action is required.
- Designating one or more specific mixes (Auxes or Mains) to require a password lets you restrict access to control of those mixes. By providing only their corresponding password to each performer you can prevent them from being able to modify an Aux mix that is sending to another musician, or from being able to adjust Mains.

 *Configuring, changing, or removing per-mix password protection requires exiting to the desktop on the S6L control surface, as explained in the following steps.*

Adding Password Protection

Adding password protection is accomplished by editing an auto-generated text document that is created on the S6L control surface D:\ drive. An example version of this document is created automatically every time the system starts, and whenever the bus configuration is changed. To enable and configure password protection you must first rename the file (to enable it) and then edit it to specify passwords for one or more Aux mixes and/or Mains, as explained in the following instructions.

To add password protection to one or more mixes:

- 1 Make sure a USB keyboard and mouse are connected to the S6L control surface.
- 2 Exit to the desktop by doing the following:
 - Enable Config mode.
 - On the MTS tap the Gear icon, or navigate the external screen to Options > System.
 - Control + click the Shutdown button, then click or tap to Exit to Desktop.
- 3 Navigate to D:/ drive, then double-click to open the file “OnStagePasswords.example.txt” (it should open in NotePad).
- 4 Choose File > Save As and save the file as OnStagePasswords.txt (make sure you save the file with this exact name, otherwise it will be ignored). Information and instructions are provided at the top of the document.

 *The default OnStagePasswords file includes one enabled password to access all mixes. Even if you make no other changes to the txt file, the next time you launch your VENUE system after renaming the txt file as instructed in step 4, all On-Stage users will be prompted to enter this default password (which is blank/empty).*

- 5 Edit the file as instructed to define passwords for mixes (for more information, see [Editing the OnStagePasswords File](#)).
- 6 Save and close the file (quit NotePad) to return to the desktop.

 *Copy your OnStagePasswords.txt file to a USB drive so you can transfer it to another device for printing and archiving/backup.*

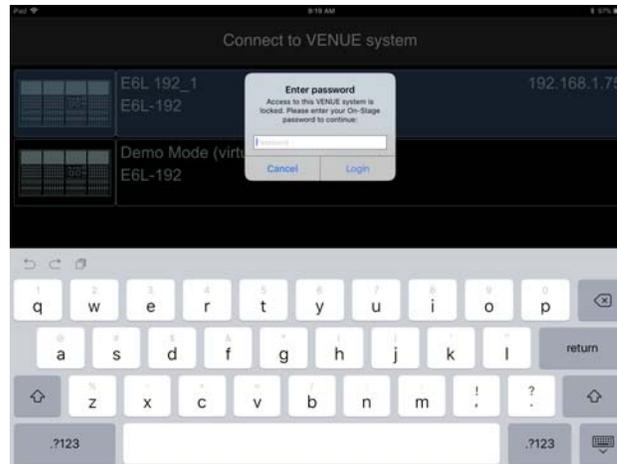
- 7 Double-click Return to VENUE, then proceed to [Performer Login \(Using On-Stage with Passwords\)](#).

If you ever want to turn off password protection after having enabled it, see [Disabling All Password Protection](#).

Performer Login (Using On-Stage with Passwords)

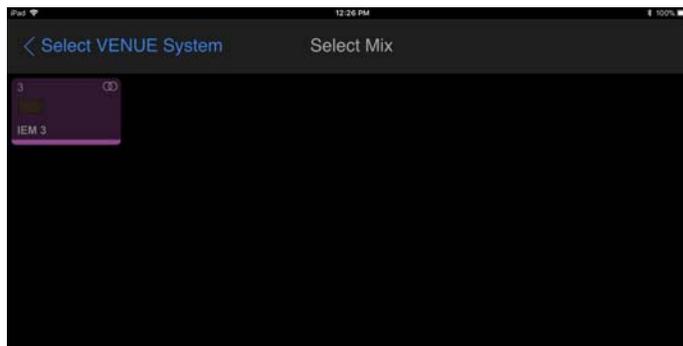
To use On-Stage when password protection is enabled:

- 1 Make sure each performer knows the password they will need to access their mix(es).
- 2 Launch VENUE | On-Stage, and in the Connect to VENUE System screen, select a system.
If any password is defined and enabled for any mix(es), the Enter Password dialog appears.



On-Stage Enter Password dialog

- 3 Enter a password using the on-screen keyboard, then tap Login.
The Select Mix screen appears, showing only mixes associated with the entered password.



Select Mix screen when a user has logged in with a password that only allows access to a single mix

- If the entered password is not valid, the Incorrect Password dialogue appears. If this occurs, click OK to return to the Enter Password dialog and try again.

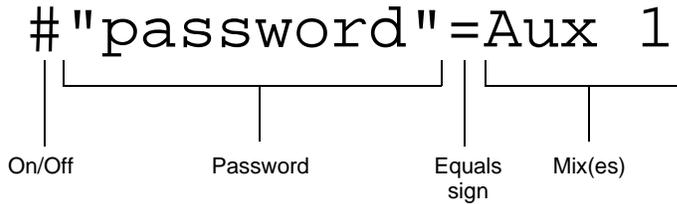
To switch to a different user/password:

- 1 Navigate On-Stage back to the Connect to VENUE System screen by doing the following:
 - Tap Select Mix (if necessary).
 - Tap Select VENUE System.
 - In the Connect to VENUE System, tap to select a system.
- 2 When prompted, enter the appropriate password.

Editing the OnStagePasswords File

Syntax and Examples

A simple syntax is employed in the OnStagePasswords.txt file that makes it easy to define passwords for specific mixes.



Password definition, syntax

On/Off All lines that start with # are ignored.

- Adding # to the beginning of any line/password definition lets you turn that definition off.
- Removing # turns that definition on.
- If any password is enabled for any mix, all On-Stage users must enter a password when they first connect to the system.

Password The desired password must be contained within quotes ("password"). Do not have any space before or after the quotes. Blank passwords (" ") are allowed. Upper and lower case, spaces, and special characters are also allowed.

Equals Enter the equals sign (=) immediately after the ending quote of the password, with no space before or after.

Mixes Enter the name of the mix(es) that you want password protected immediately after the equals sign, with no spaces before the mix name.

- Names must be the default bus name/number, such as Aux 1 (not custom names).
- To access multiple mixes with the defined password, enter a comma immediately after the first mix name/number, followed by a space, followed by the next mix name (such as Aux 1, Aux 2, Aux 3, Mains). Repeat for additional mixes.
- Mixes can appear in more than one password definition.

Examples

The following examples describe a few typical password scenarios and show what their definitions would be. Use these examples to better understand how to apply syntax in password definitions.

Example 1: Allowing Access to a Single Mix

This example shows two different definitions, each of which require a unique password to access a single mix.

Definition	Description
"password"=Aux 1	There is no # symbol, meaning this definition is on/enabled. The required password is password . When an OnStage user enters this password, the Select Mix screen will show only Aux 1.
"admin"=Mains	There is no # symbol, meaning this definition is on/enabled. The required password is admin . When an OnStage user enters this password, the Select Mix screen will show only Mains.

Example 2: Allowing Access to Multiple Auxes

This example shows how to define a password to access multiple mixes.

Definition	Description
"drums"=Aux 1, Aux 2	There is no # symbol, meaning this definition is on/enabled. The required password is drums . When an OnStage user enters this password, the Select Mix screen will show Aux 1 and Aux 2.

Example 3: Turning Off a Password Definition

This example shows how to turn a password definition off without having to delete it.

Definition	Description
# "guest"=Aux 9	The first character in the definition is the # symbol, meaning this definition is off/disabled.

 *The ability to toggle definitions on and off lets you develop a collection of definitions for different situations and simply enable or disable them as needed. Be sure to make a backup copy of your OnStagePassword.txt file before performing a System Restore.*

Example 4: Allowing Access to All Auxes but Not Mains, and to All Auxes And Mains

This example shows how to configure two password definitions: one that allows access to all Auxes but not Mains, and another password to allow access to all Auxes as well as Mains. In this example, one default definition provided in the OnStagePassword.example.txt file will be used as the basis for both definitions.

In the default OnStagePasswords.example.txt file, the last line is an enabled definition that lists every Aux mix and Mains from the last Show file loaded on the system, with a blank password (nothing between the quotes).

Definition (Default)	Description
# ""=Aux 1, ..., Aux <n>, Mains	The first character in the definition is the # symbol, meaning this definition is off/disabled. (Individual Auxes are listed explicitly in the actual definition. The ellipsis "..." shown at left is only for abbreviation in this guide, and "<n>" represents the last Aux in the current bus configuration.)

To configure two passwords, one for performers (all Auxes but not Mains) and another for only you (all Auxes and Mains):

- 1 Copy the default definition shown above to the clipboard and then paste a copy of that definition into a new line in your OnStagePassword.txt file.
- 2 In the first instance of the definition, do both of the following:
 - Make sure there is no # symbol at the beginning.
 - Navigate to the end of its list of mixes and delete Mains.
- 3 In the second (pasted) instance of the definition, do both of the following:
 - Make sure there is no # symbol at the beginning.
 - Enter a custom password between the two quote marks (such as "admin").The two definitions should look like this:

```
""=Aux 1, Aux 2, Aux 3, Aux 4, ..., Aux <n>  
"admin"=Aux 1, Aux 2, Aux 3, Aux 4, ..., Aux <n>, Mains
```
- 4 Save the txt file, quit out of NotePad, then double-click Return to VENUE.

When On-Stage users connect to the system they will be prompted to enter a password.

- Performers can leave the password field blank and simply tap Login to be able to access all available Auxes but *not* Mains.
- You can login using the password (admin) to access all available Auxes *and* Mains.

 *Copy your OnStagePasswords.txt file to a USB drive so you can transfer it to another device for viewing, printing and archiving.*

Disabling All Password Protection

You can reset all current password protection to default (none) by performing a Clear Console. You can also disable all password protection by renaming the active OnStagePasswords.txt file.

 *Performing a Clear Console resets all parameters on all channels to their factory default settings.*

To reset password protection to default:

- 1 Enable Config mode.
- 2 Go to Options > System.
- 3 Tap Clear Console.

On the system D:/ drive, the files named OnStagePasswords.txt and OnStagePasswords.example.txt are removed. Restarting VENUE software (via Return to VENUE) will generate a new default file OnStagePasswords.example.txt. A new default file OnStagePasswords.example.txt is also created whenever the system is started or the bus configuration is changed.

To disable all current password protection by renaming the file:

- 1 Make sure a USB keyboard and mouse are connected to the S6L control surface.
- 2 Enable Config mode, then do the following:
 - On the MTS tap the Gear icon, or navigate the external screen to Options > System.
 - Control + click the Shutdown button, then click or tap to Exit to Desktop.
- 3 Navigate to D:/ drive and locate the file OnStagePasswords.txt.
- 4 Double-click the file name so you can edit it (do not launch it), then add one or more characters to the name and press Return. For example, rename the file to OnStagePasswordsOff.txt.
- 5 Double-click Return to VENUE.

A new default file OnStagePasswords.example.txt will be automatically created (by default, no passwords are required).