



Phoenix Audio Stingray Module Setup Guide (V.1.0)

About:

The MT700 – Stingray Distributed Array Mixer from Phoenix Audio Technologies is an all-in-one smart mixer that responds to rapidly evolving communication trends, conference environments, and connectivity technologies. Used on its own or in tandem with video, the MT700 – Stingray Mixer offers a simple solution to the complex requirements of today's professional conferencing spaces.

Setup Communication:

This module supports to control single or multiple Stingray units that are controlled over UDP on port 8888. The Stingray unit only accepts one host connection at a time.

The revised module can run on multiple iPads and control the Room splitting or combining in daisy chain. With one module, you can control multiple Stingrays by choosing the unit's number such as buttons. The current module can control up to 2 Stingrays, but the module is able to support more than 2 units. If you need to control more than 2 units, please contact Key Digital.

Setup Login:

In the module editing page, please insert the unit's IP address, Mac address, Password to the array variable. And, set the unit's number to log in at the beginning of run module. [You must follow the module setup in the Appendix 1.](#)

- Variable names for a user to enter values
 - IP address array: Stingray_unit_IP_array
 - Mac address array: Stingray_device_login
 - Password array: Stingray_device_password
 - Unit's number: Stingray_selected_unit

Setup Complete

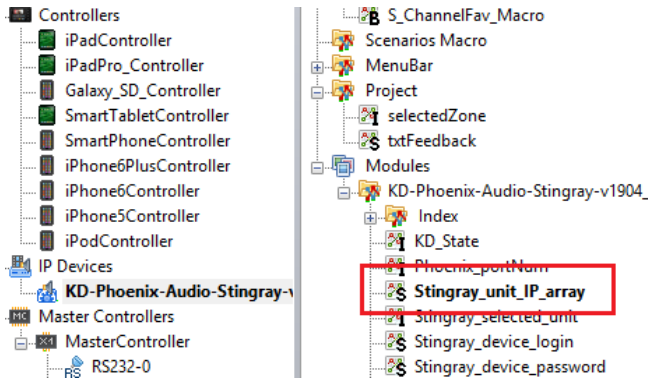
Upload and update the project for use.

Compass Control® Pro Offers:**Bi-Directional Feedback:**

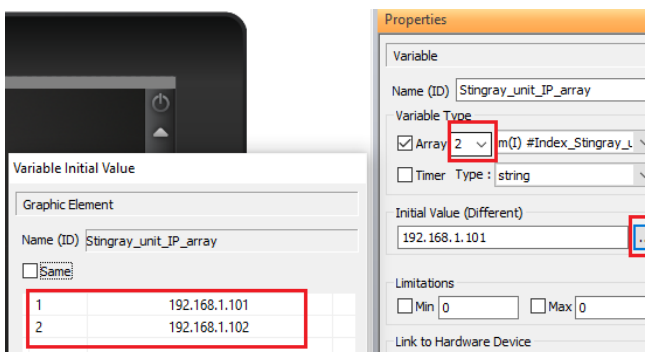
- Audio Conferencing Control
 - Dialer
 - Phonebook
 - Call History
- Audio Controls
 - Input Muting
 - Output Muting
 - Speaker Volume Control
- Multi-Room Control
 - Room Splitting
 - Room Combining

Appendix 1.

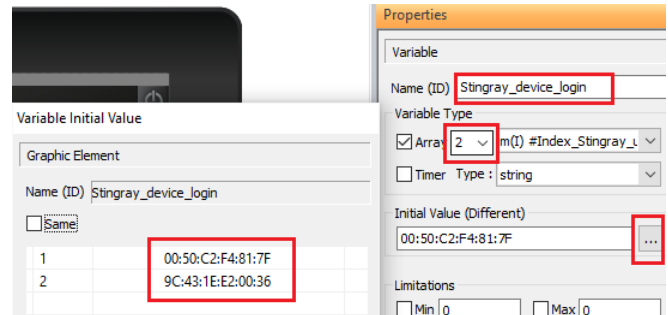
1. In Compass Navigator, go to the editing page of the Stingray module.
2. Select the variables tab. Then, click “Stingray_unit_IP_array” variable under Modules folder.



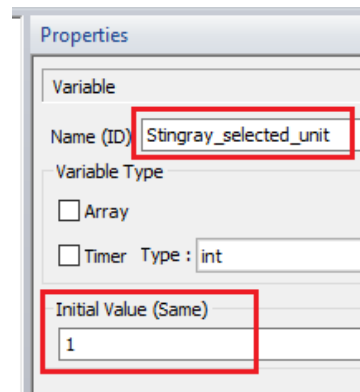
3. Go to properties on the right side of Compass Navigator. Select the number of index(es) of array, the total number of Stingray unit(s). And then enter the unit’s IP Address. Make sure the first(index) IP address is the Primary Stingray if you use daisy chain to control multiple Stingrays.



4. Like Step 2, click “Stingray_device_login” variable.
5. Like Step 3, select the number of array’s index and enter the unit’s Mac Address. The first Mac address should be also the Primary Stingray in daisy chain.



6. For “Stingray_device_password”, follow the step 3. If there is no password, you don’t need to set the password.
7. Like Step 2, click “Stingray_selected_unit” variable.
8. Go to properties on the right side of Compass Navigator. Enter the number into Initial Value, the unit’s number that you want to connect (log in) at the first time running of the module.



The modified module supports to select what Stingray unit is selected for control.

For that, the function, “Change_unit_number”, can be called by macro in the project and the parameters have two options, primary and secondary.

Steve should call this function in each iPad A and iPad B at the beginning of the project start. (iPad A controls Stingray primary unit, and iPad B controls Stingray secondary unit)

Please see the example below how to use.

