Mamba Audio Matrix Router 16x16 & 32x32 ch

Product Description



NetworkSound, Inc

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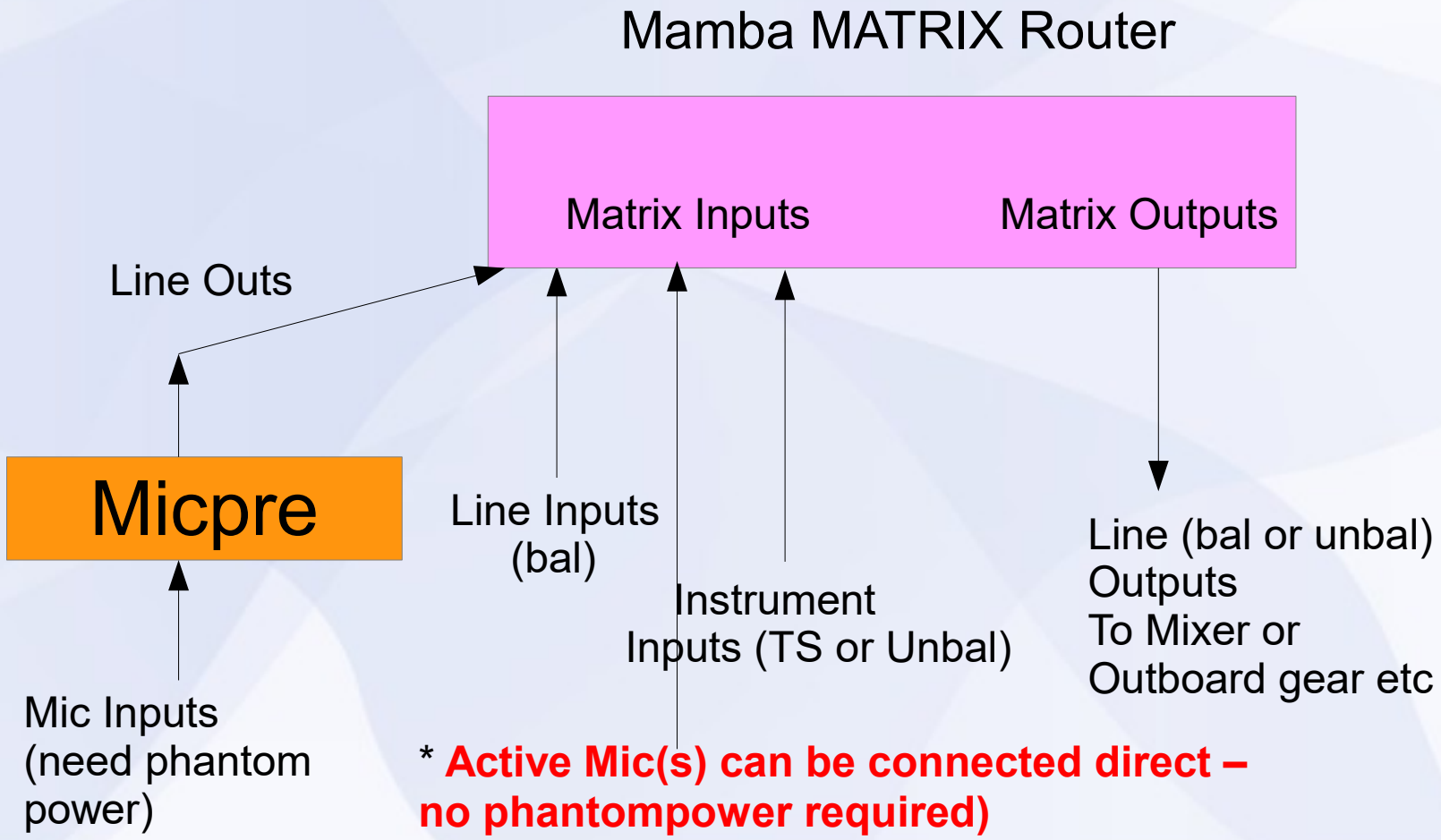
Mamba 16x16 Matrix Box [Depth = 8”]



Mamba Matrix 32x32 Box [Depth = 10”]



Matrix Router Application Scenario



Matrix Router Setup



Wi-Fi antenna

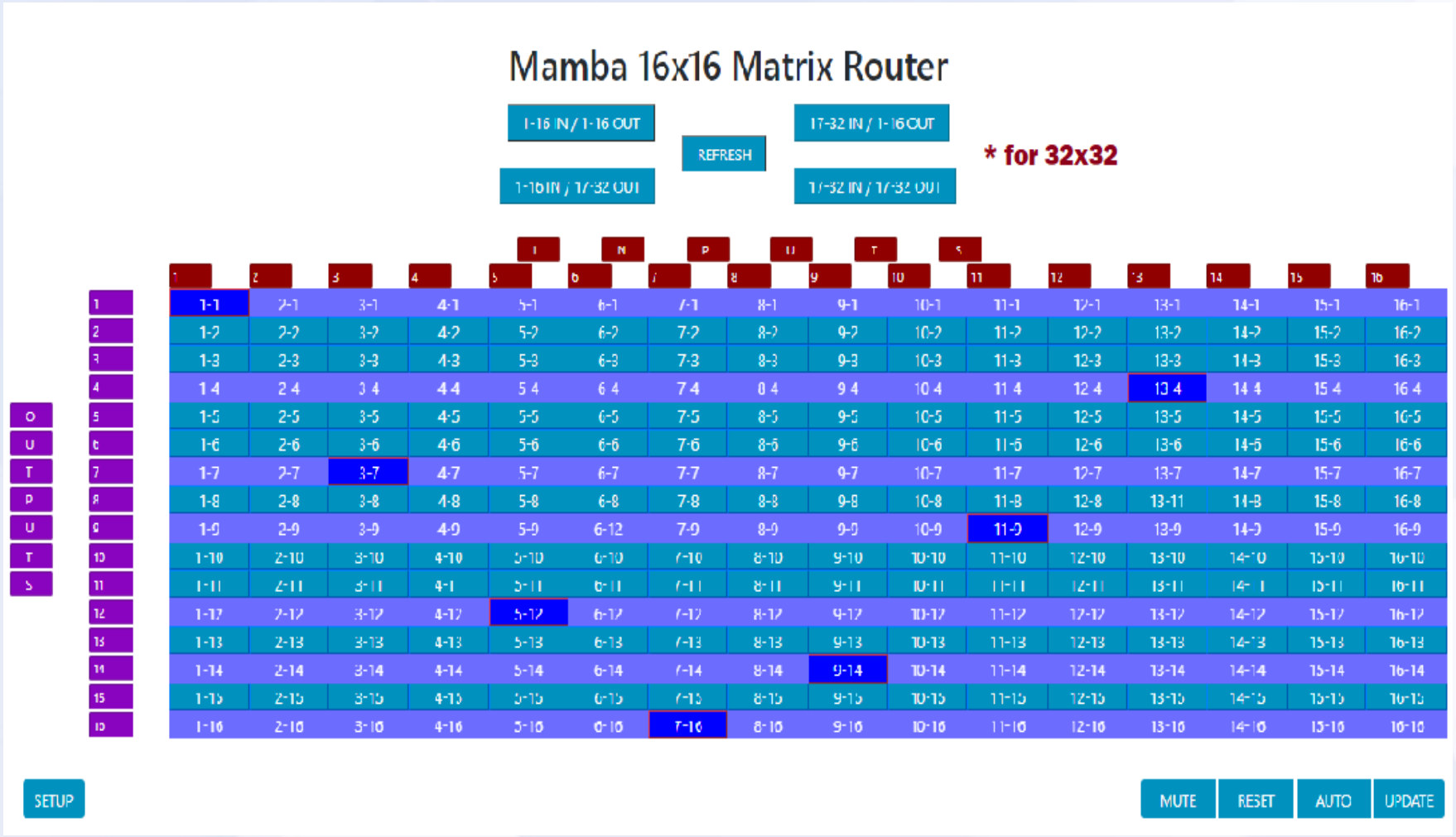
AC 110-240V



Input 1 to 16 ch & Output 1-16 ch
Use DB25 to XLR or TRS or TS break out cable
Tascam Analog Standard DB25 pin out



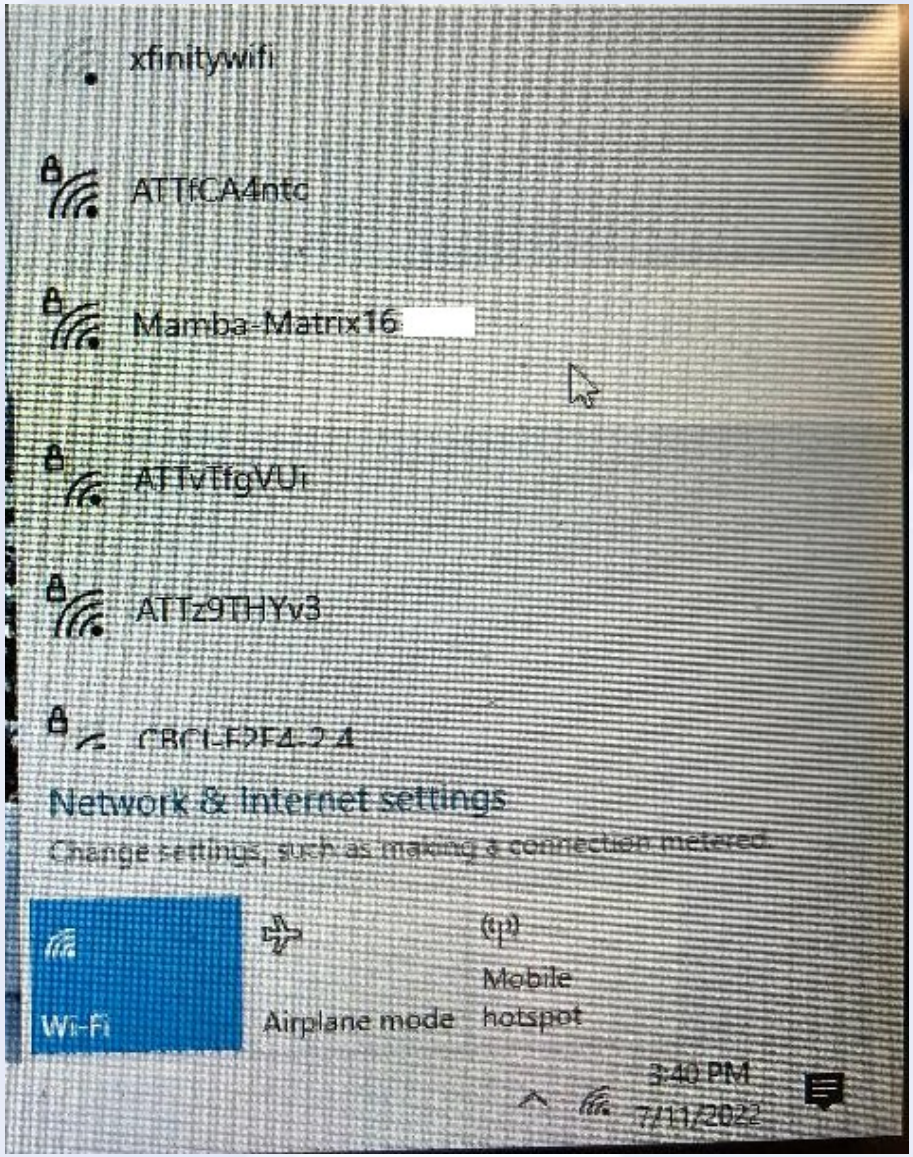
Mamba 16x16 / 32x32 Matrix App



How to Access Matrix App
WI-Fi Direct – Hotspot Mode

- You can use any device - PC, Tab, Phone and any OS to access Matrix App with a standard Internet browser
- On your device, open the wifi icon and search for wifi hotspot called “MAMBA-MATRIX16” or “Mamba-Matrix32”. Mamba matrix unit should be powered ON.
- Select the wifi hotspot and enter password (provoided to you)
- You should see the connection. If your device says “ No internet error” - Do not worry or ignore the warning. Mamba Matrix is NOT connected to the Internet and not required.
- Open a broswer and type on the URL window: 192.168.4.1 and press Enter
- You should see the App on the screen. Follow the details

Wi-Fi Direct or HotSpot Mode



- Select the wi-fi named Mamba-Matrix16 or Mamba-Matrix32
- You can change these names as you wish
- Once you have it connected (with out internet error- OK), open a browser window
- Type in on URL http://192.168,4.1
- You should see the App

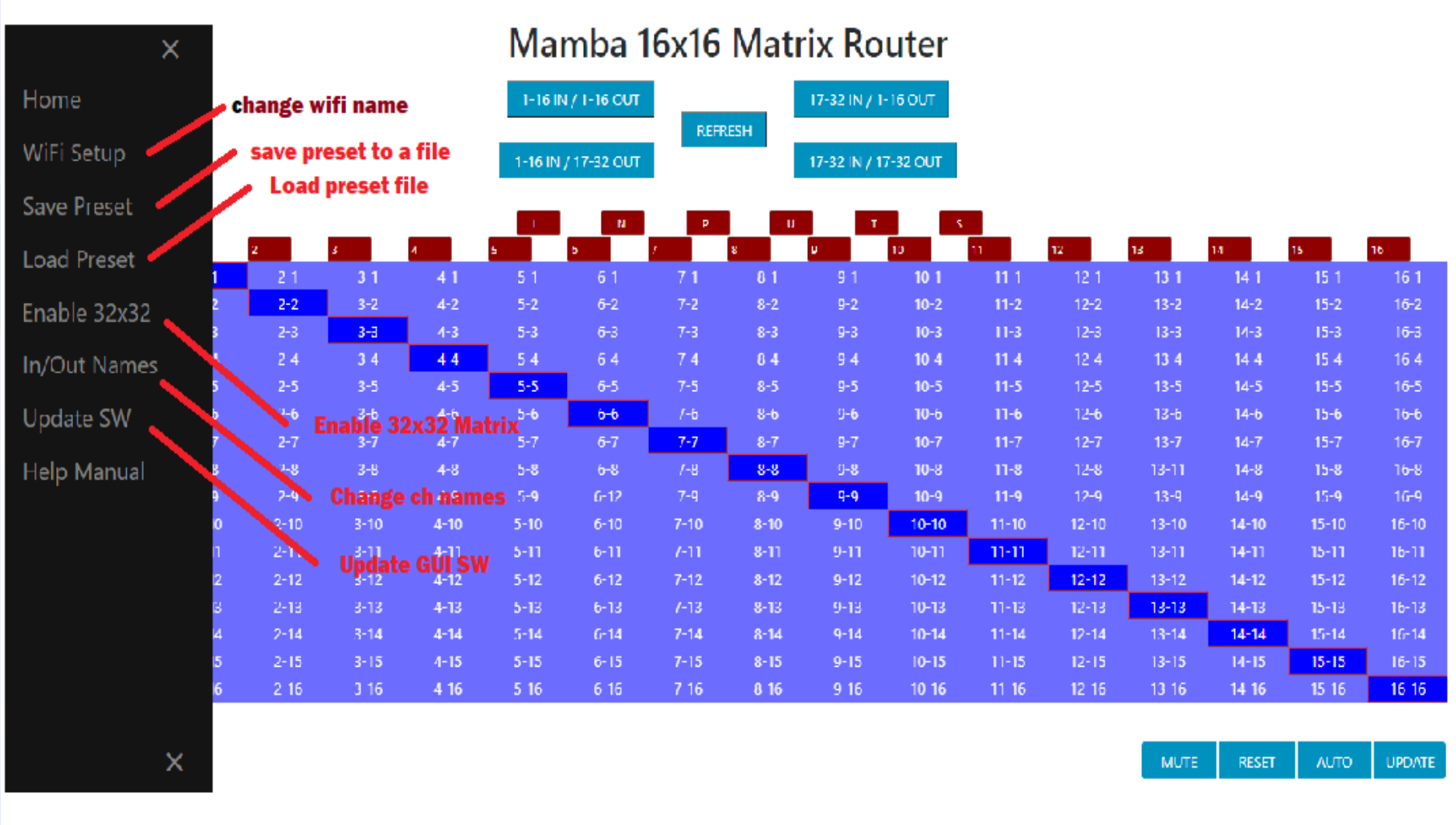
How to Access Matrix App Station Mode to Home Wi-Fi Router

- First, use the Hotspot mode to connect to Matrix Box & steps
- Click on the SETUP button on left & Wi-Fi Setup on the Menu
- You Shoud see the WiFi setup options
- In the Wi-FI Station Mode section, you can enter the home wifi router name and password (New wifi network name and New wifi network password). Make Sure to enter correct
- At the bottom, press “Change All” button to save the changes
- Power cycle the box.Wait for couple of minutes and then connect to the Matrix box using Hotspot or wifi direct mode
- Make sure to see Wifi Station Mode: Connected! (GREEN)

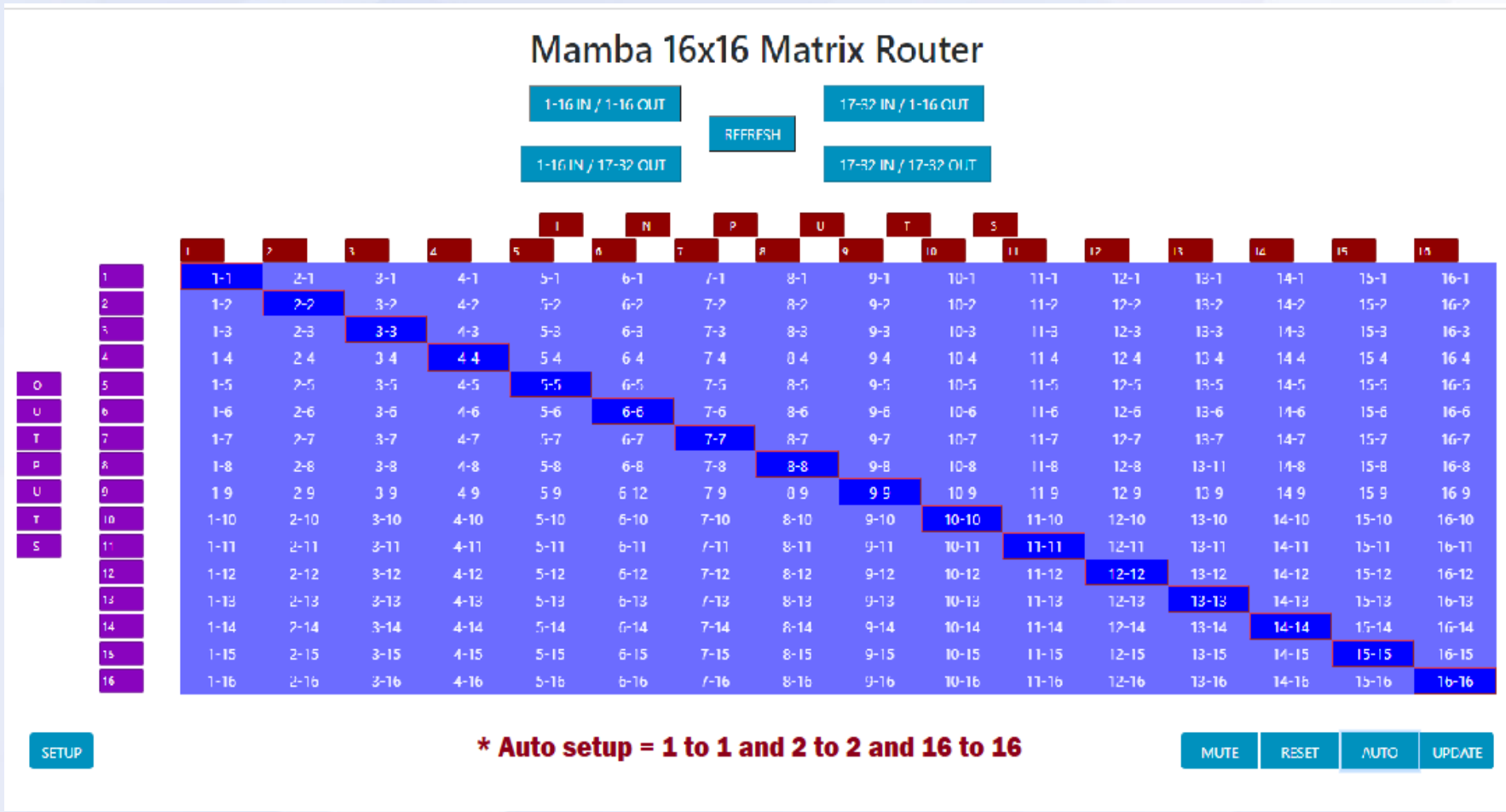
Connect via WiFi Station Mode (Contd..)

- If Connected appears, you can disconnect the your laptop(PC) wifi from Mamba-Matrix16(32)
- On WiFi icon, now select the home wifi router. Once connected, open a new browser window
- On the URL, type in http://mamba-matrix16/ or 32 as the box name aka hotspot name. You should see the App.
- Any issues, you can contact NetworkSound

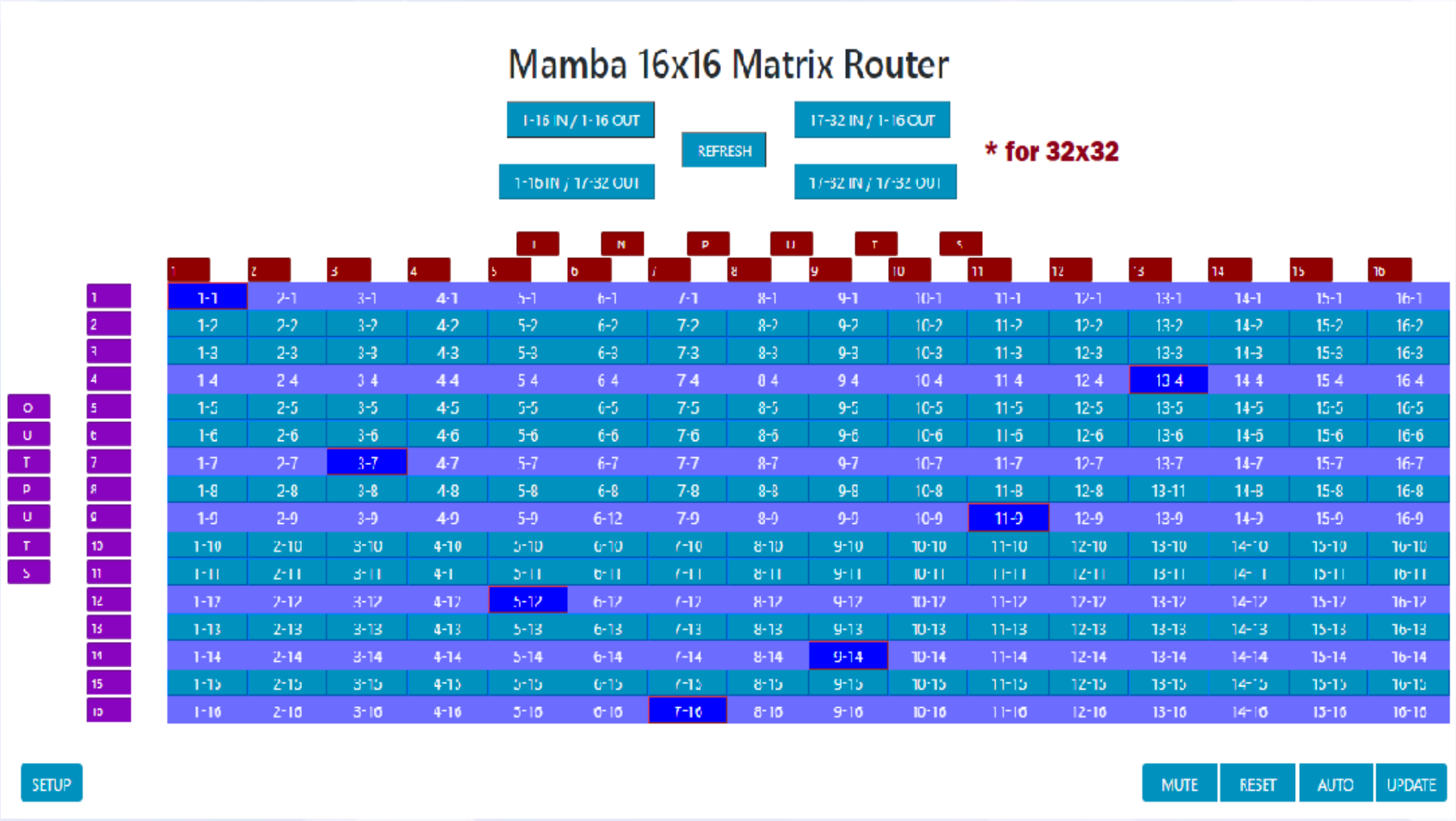
Matrix App Home Screen Info.



Matrix App – Auto Config

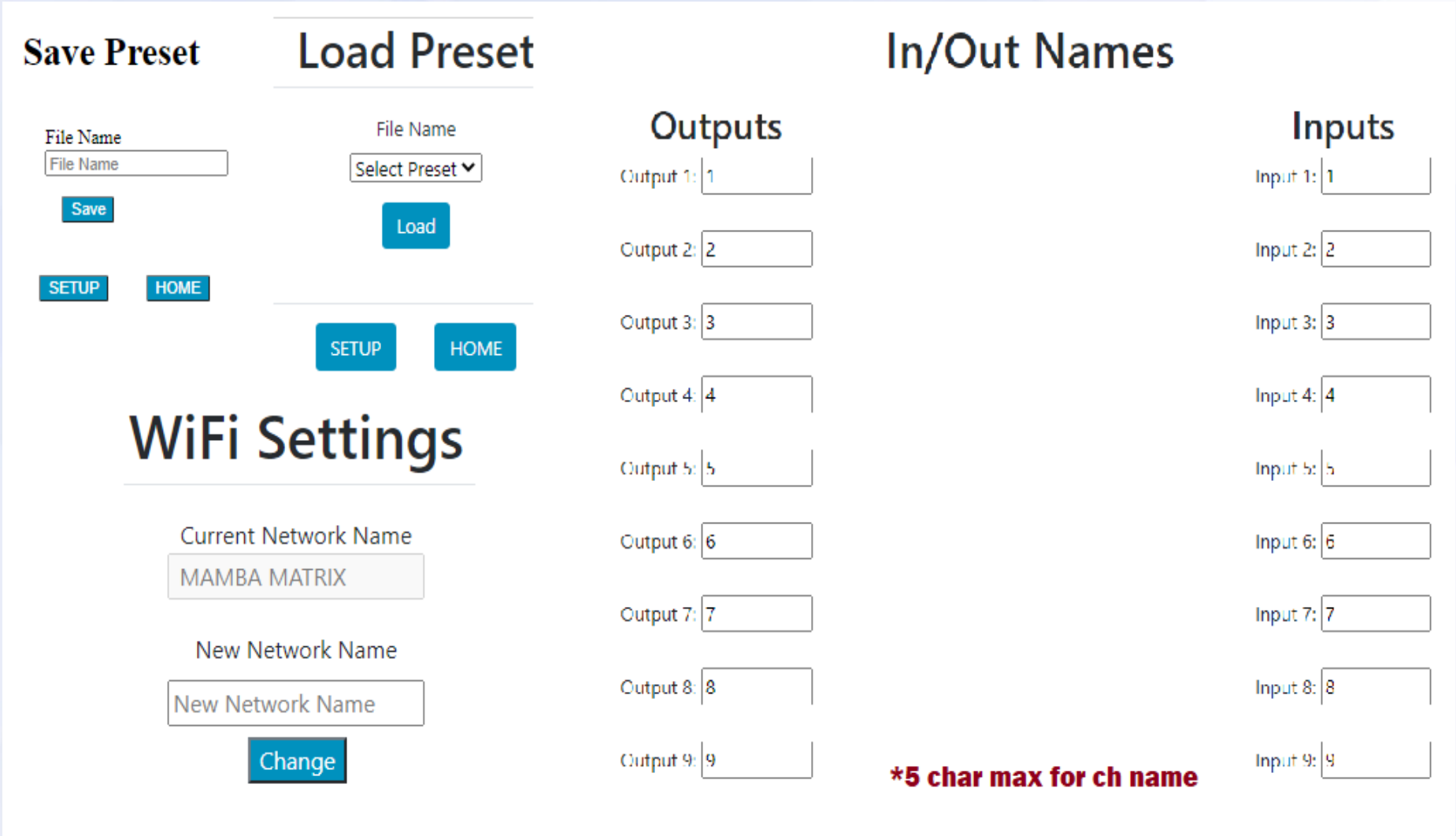


Select Few Matrix Points



Any changes to Matrix (select or de-select cross points Followed by pressing "UPDATE" for the changes to have effect

Matrix App – Setup Menu



Wi-Fi setup – Dual Mode

[Hotspot & Client to Home WiFi Router]

