Mamba MATRIX Audio Router/Switcher

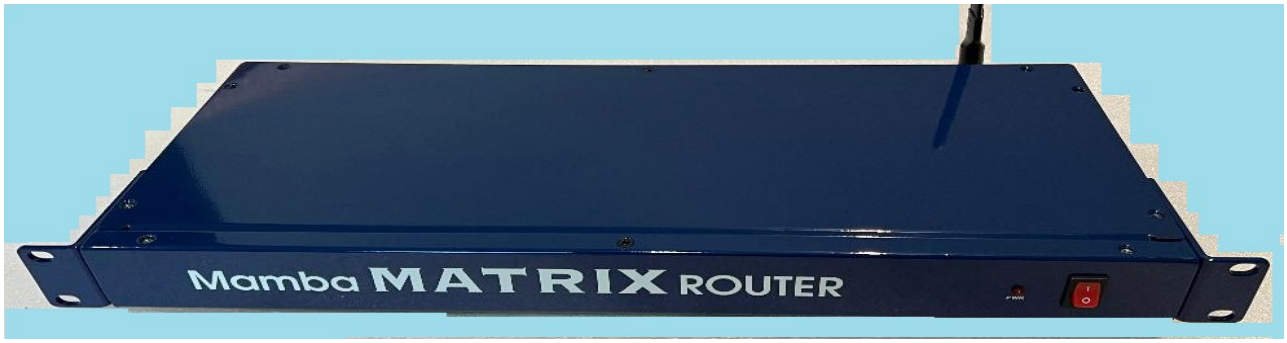
Quick Setup Guide Specification
Ver 2.0



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Any help needed please contact 978 384 0780 or support@networksound.com

Mamba Matrix Hardware Setup





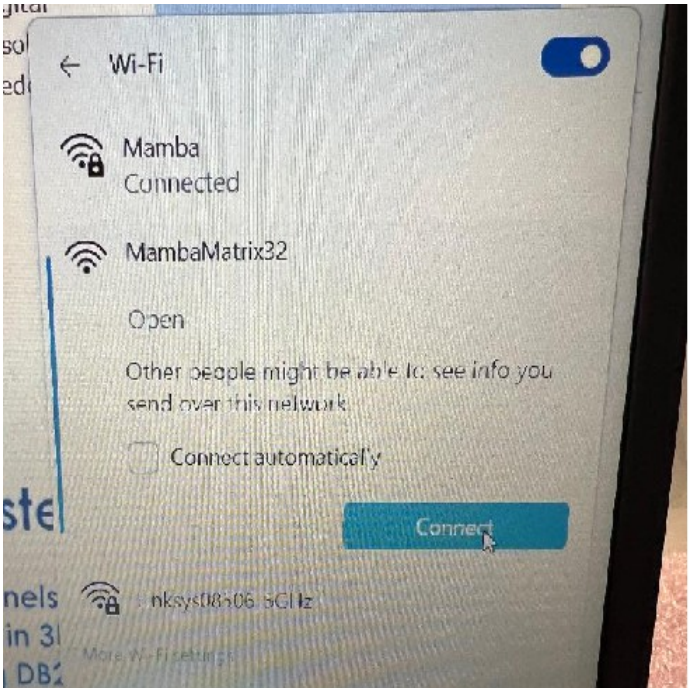
Quick Setup - METHOD 1
Mamba MATRIX Router 16x16 OR 32x32
[Connecting Mamba Unit to your Home WIFI Router]
Have your WiFi router Name and Password Ready

ANY HELP CALL 978 384 0780 or support@networksound.com

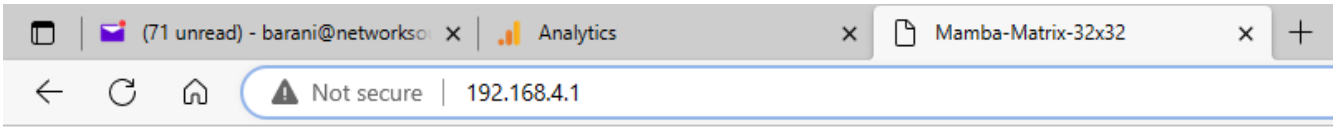
Thanks for purchasing the Mamba MATRIX Router. This is a quick guide to setup the Matrix and Access the App. We suggest using one access (USB-wif or wifi dir) at any given time.

This setup requires that you use wifi direct access to first open the APP and on the setup menu, wifi Setup, enter the home wifirouter and password so that Matrix unit is connected to your Home WiFi router. This will enable for any devices on your home network to access Mamba Matrix unit.

1. Make sure the unit is POWER ON and RED LED at the front is ON
2. On your PAD/PC /Phone, select wifi option and look for MambaMatrix16 or MambaMatrix32
3. Connect to it. Ignore if it says NO internet connection
4. Wait for wifi icon appear on the left top corner (Pad is connected to Matrix)

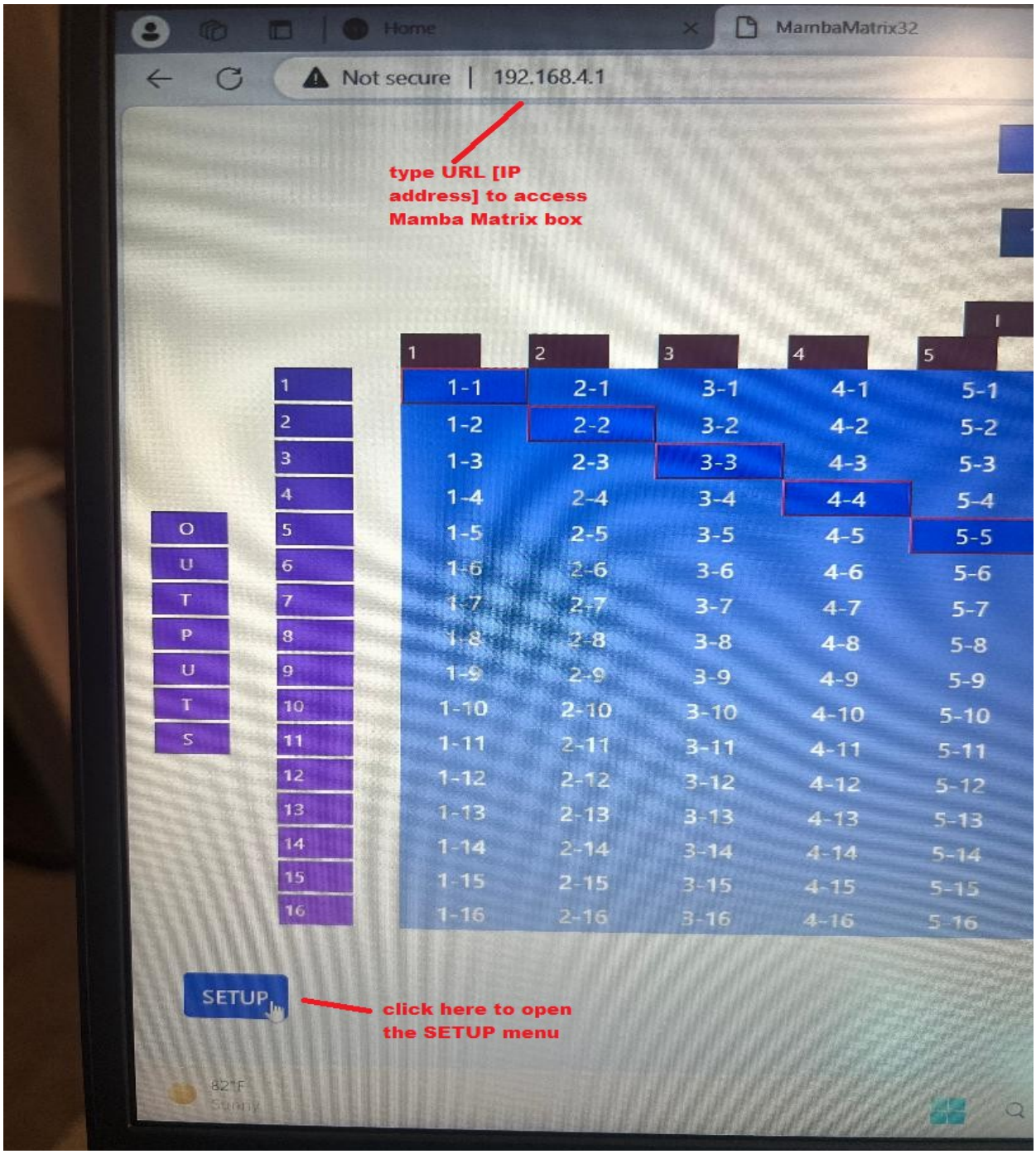


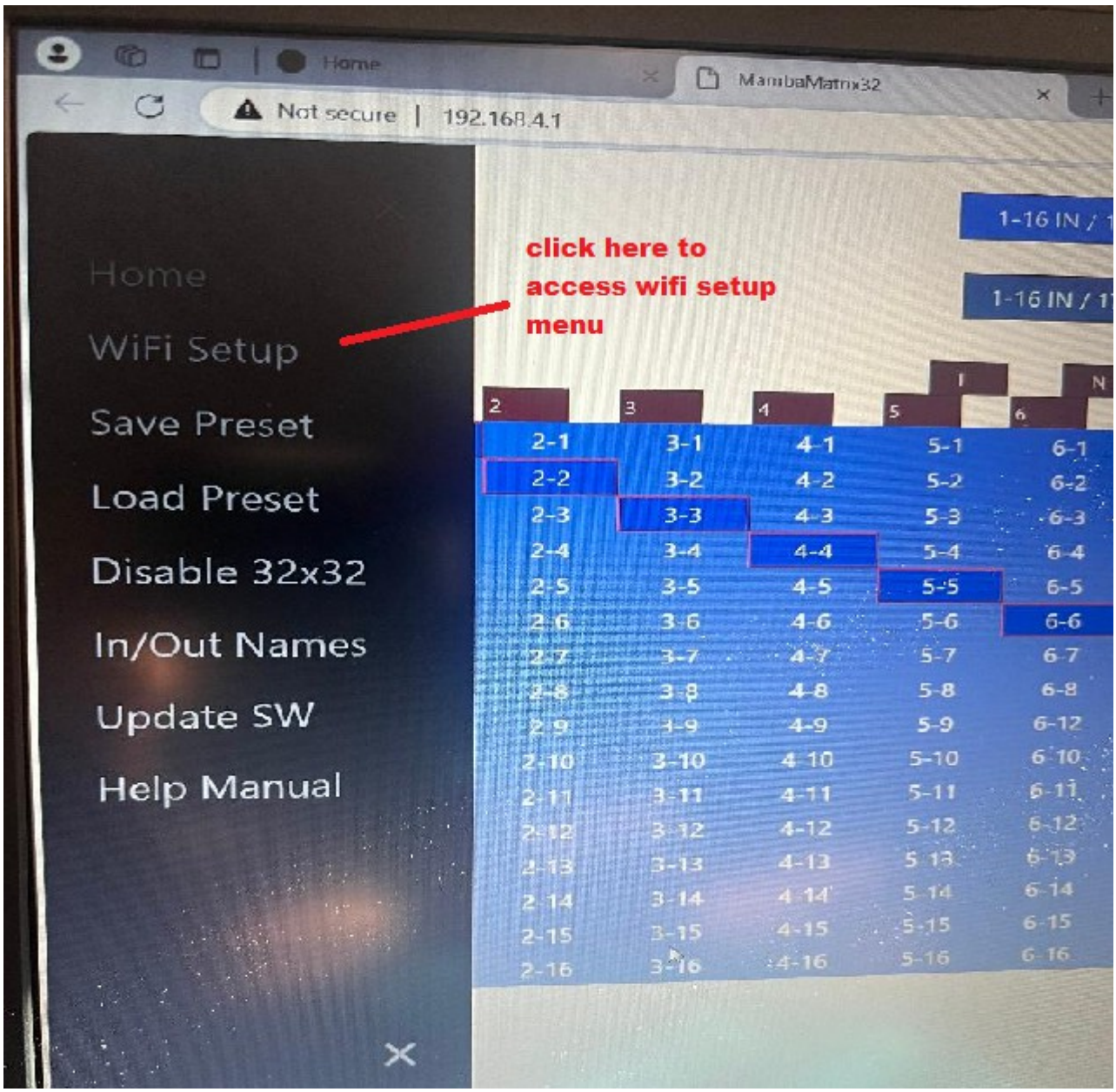
5. Open a browser page and type in 192.168.4.1 on URL window6. You should see the Matrix 16x16 or 32x32 App (as in wifi direct method)



<u>After the above steps and you see the Matrix main App page:</u>

1. Open the setup menu and select WiFi setup TAB




Home
MambaMatrix32
Not secure | 192.168.4.1
Home
WiFi Setup
Save Preset
Load Preset
Disable 32x32
In/Out Names
Update SW
Help Manual
click here to access wifi setup menu
1-16 IN / 1
1-16 IN / 1
2-1 3-1 4-1 5-1 6-1
2-2 3-2 4-2 5-2 6-2
2-3 3-3 4-3 5-3 6-3
2-4 3-4 4-4 5-4 6-4
2-5 3-5 4-5 5-5 6-5
2-6 3-6 4-6 5-6 6-6
2-7 3-7 4-7 5-7 6-7
2-8 3-8 4-8 5-8 6-8
2-9 3-9 4-9 5-9 6-12
2-10 3-10 4-10 5-10 6-10
2-11 3-11 4-11 5-11 6-11
2-12 3-12 4-12 5-12 6-12
2-13 3-13 4-13 5-13 6-13
2-14 3-14 4-14 5-14 6-14
2-15 3-15 4-15 5-15 6-15
2-16 3-16 4-16 5-16 6-16

You will see page below. As you see " WiFI Station Mode - NOT CONNECTED!"

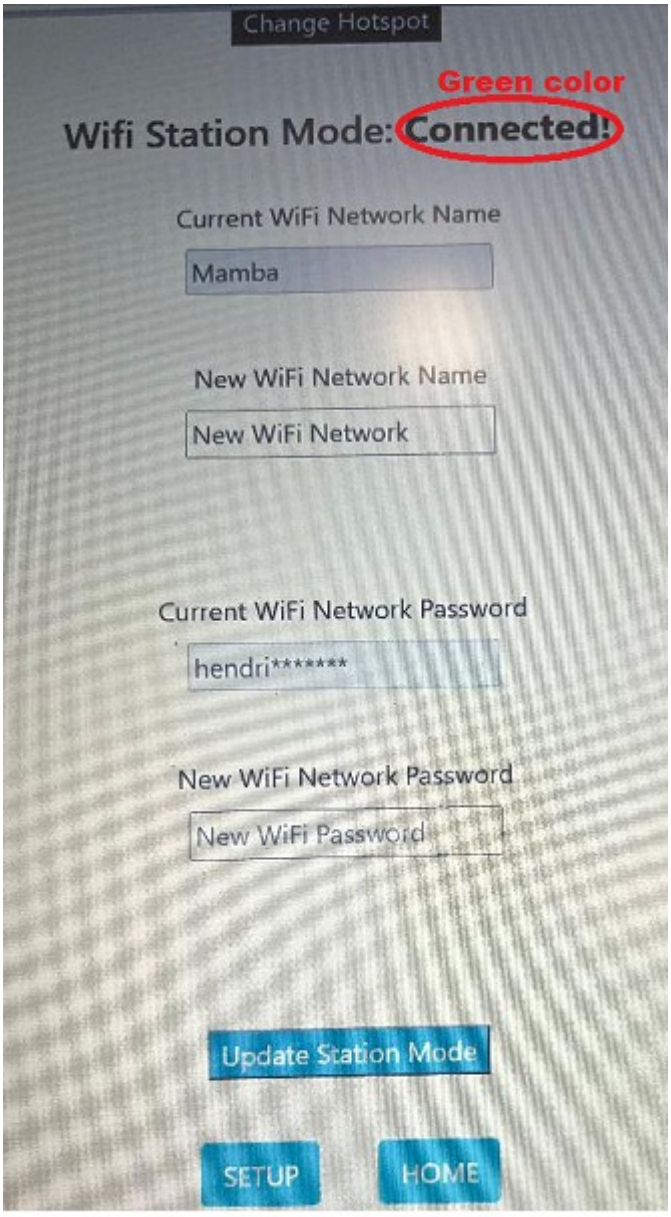
2. Enter your home wifi router name on the New WiFi Network Name and password at New wifi network password. Press **Update station mode**.
3. You may get login screen – if so press "HOME" button
4. If not, type URL 192.168.4.1 to get the APP
5. If above fails, you may have to power recycle the Matix unit after a minute
6. Connect to Mamba matrix using wifi direct steps 1-3 above and make sure you see WiFi station Mode – Connected in GREEN COLOR.



7. You can again use wifi direct connect method (steps 1 to 3) to check this page to see if Connected GREEN color or Not connected.
8. If you don't see green color "Connected" {still NOT connected!} next to wifi station mode then STOP and try again after power recycle of Mamba.

9. Contact us for help please call 9783840780.

After setup with local wifi router.. You should see the below on wifi setup.



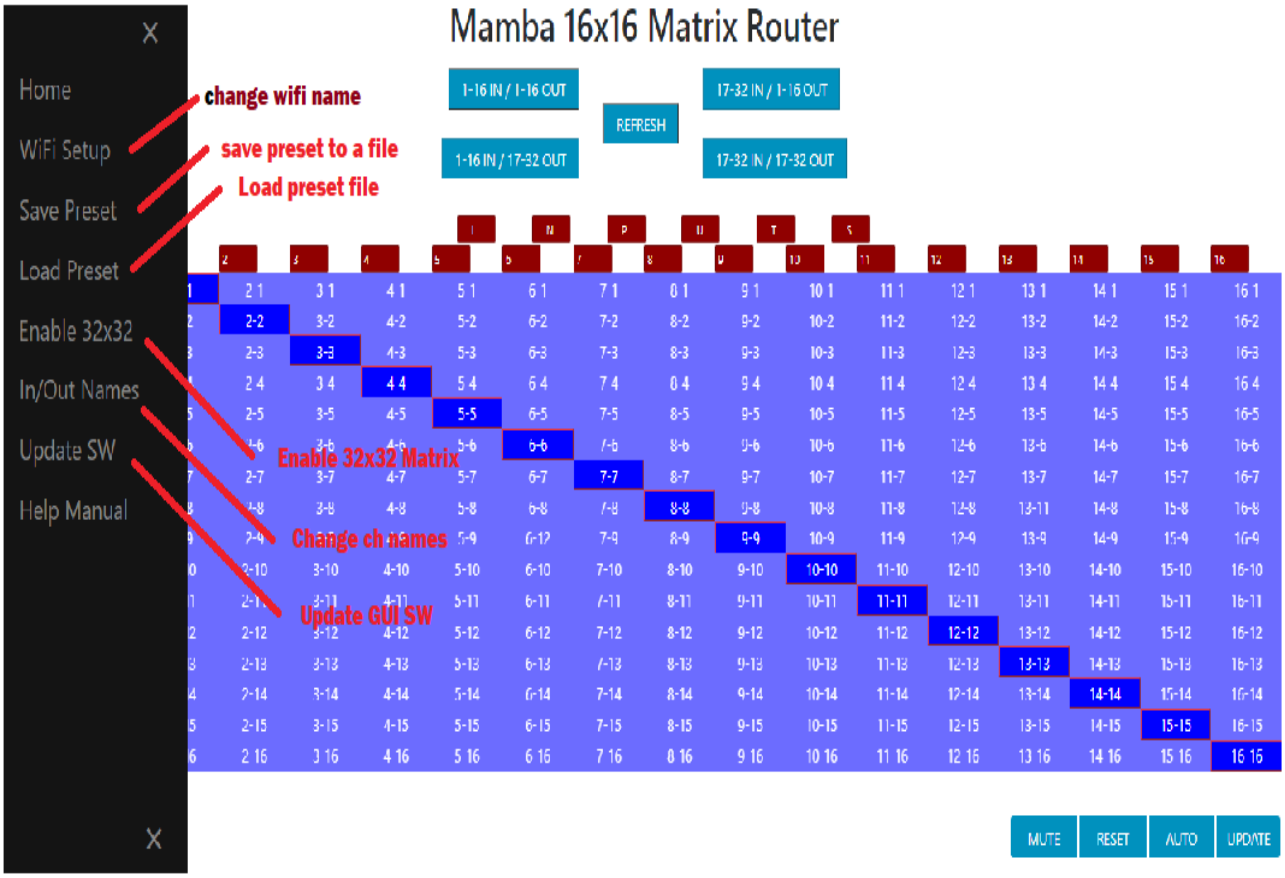
If it is **green color "connected" then you are GOOD**. Follow the below steps

1. Connect your Laptop or device back to your home wifi network (same as MambaMatrix unit)
2. Make sure you can browse Internet.
3. Open a browser window and type in http://Mamamatrix16 or http://MambaMatrix32 (** This should be same as HotSpot Name you have on the wifi setup page.
4. You should see the Mamba Matrix App on your browser window. If not, pls refresh again and see if you can access Matrix App.
5. The name recognition by local router may take few minutes. If you still cannot connect to Mamba Matrix App (ay after 5-10 min) then Pls call us 978 384 0780.

Please note that you cannot use 192.168.4.1 on when using STATION Mode.

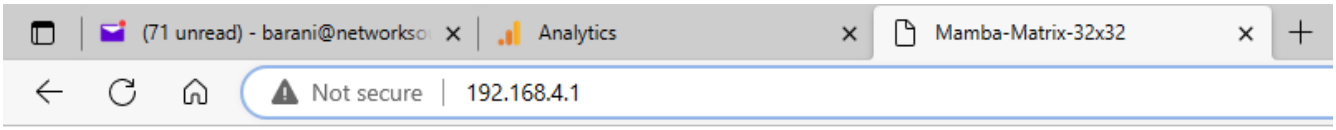
We also recommend using METHOD 2 of USB-wifi adaptor (included) a preferred way to use Mamba Matrix unit as it is simple to setup/use and keeps your home/Corp. wifi network separate from MambaMatrix control. Pls check the METHOD2 steps on how to use this.

Quick Setup – Mamba MATRIX 16x16 OR 32x32 App
[SETUP Menu and options under STEUP]

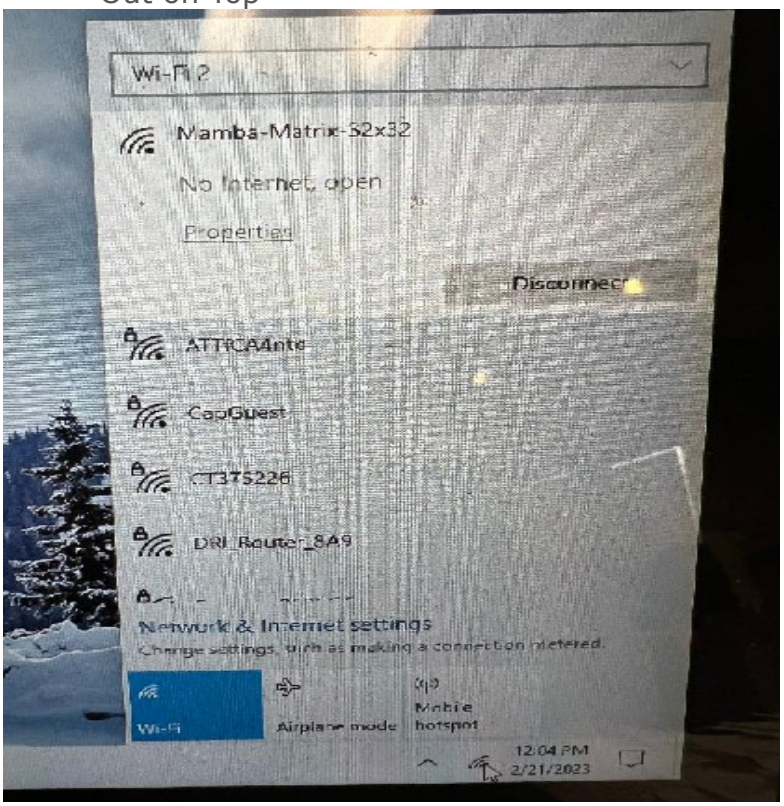


Quick Setup METHOD 2 – Mamba MATRIX Router
[Using USB-WiFi Adaptor from a PC]
Ideal to use your laptop with local wifi and Matrix control

1. Power ON the Matrix unit and make sure the RED LED is ON. Power cord incl.
2. You can use the antenna (back) or leave it. Antenna is needed for distance beyound 20-25 ft. Be gentle with screw and unscrew the antenna. If none, skip this step
3. Connect the USB-wifi Adaptor to your PC USB port.
4. Click on the wifi icon on your PC (where you select the wifi network)
5. You should see the below pic. Wifi2 (usb-wifi adaptor) and select MambaMatrix16 or MambaMatrix32. Ignore if it says no internet connection. Seclect connect always.
6. Open a browser window. Type 192.168.4.1 and you should see the App. You can follow the App features on rest of the manual as described (online).



7. The Unit is configured default as 1-1 and 16-16 or 32-32 already. You can connect the DB cables for in and out and test audio. The input DBs 32 in are at bottom and Out on Top

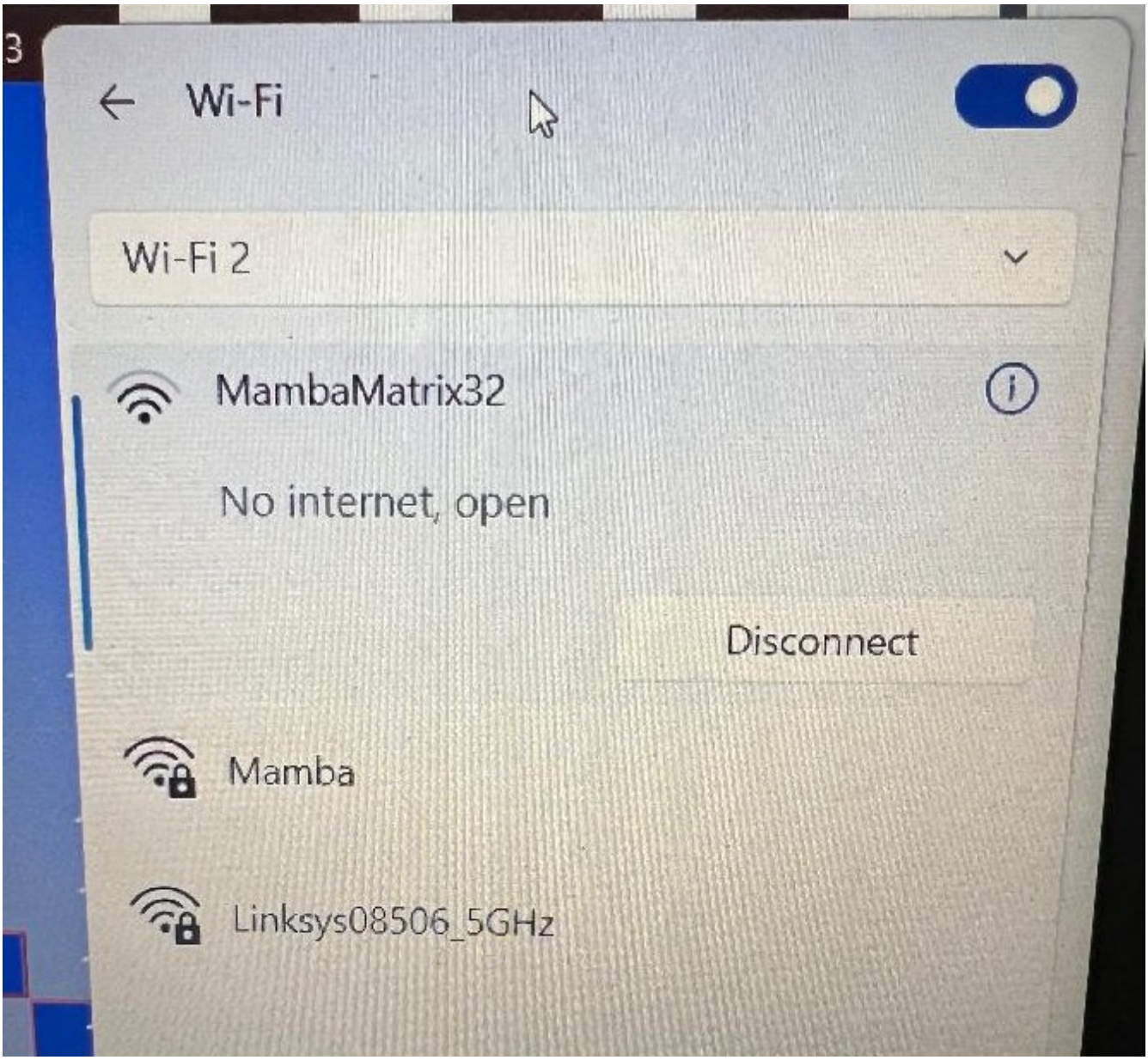


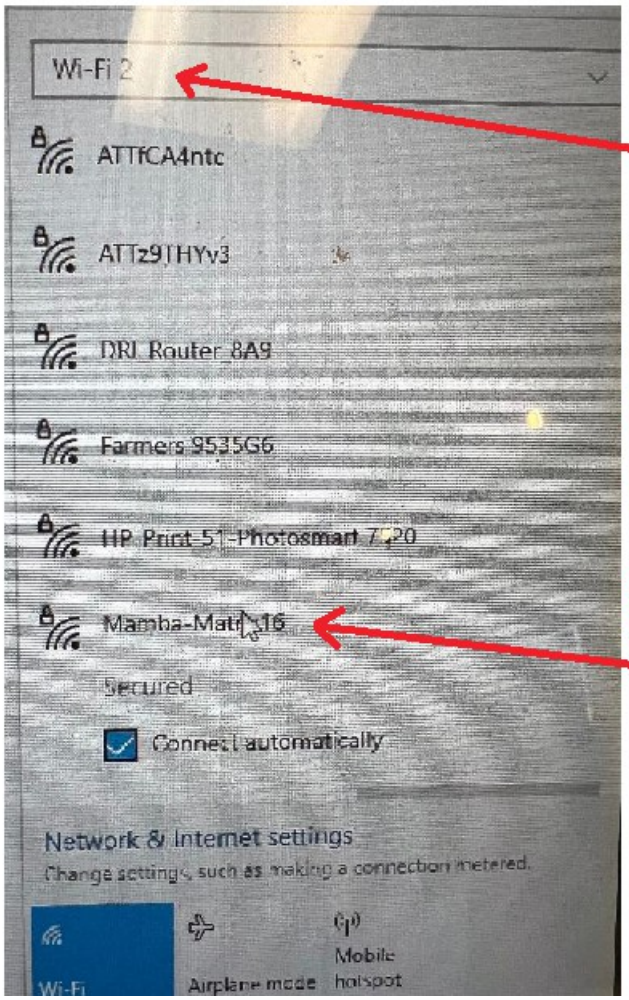


(FREE - included with Matrix)

*** YOUR PC IS CONNECTED TO BOTH Local WIFI and Mamba MATRIX tru USB-Wi-Fi adaptor- No ISSUES AT ALL. You can browse internet and control Matrix ***

In many new PCs you may see this for wifi..





Select WiFi2
[USB to wifi]

1. Connect USB to wifi adaptor to a USB port on PC
2. Select wifi2 on wifi icon on your PC
3. Look for Matrix16 or Matrix 32 wifi name [make sure the Matrix box is ON]
4. Select the wifi and connect to it. Wait for it to connect.
5. Once it is connected, a new browser window - type 192.168.4.1 and enter
6. You should see the Matrix App

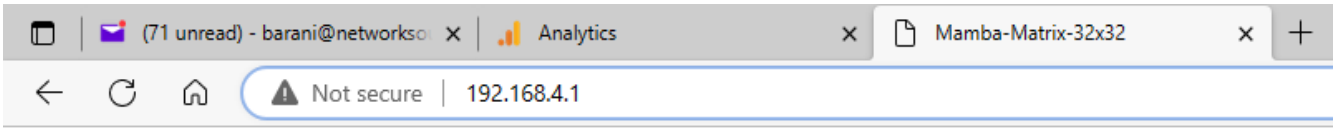
Select Mamba-Matrix16 or 32

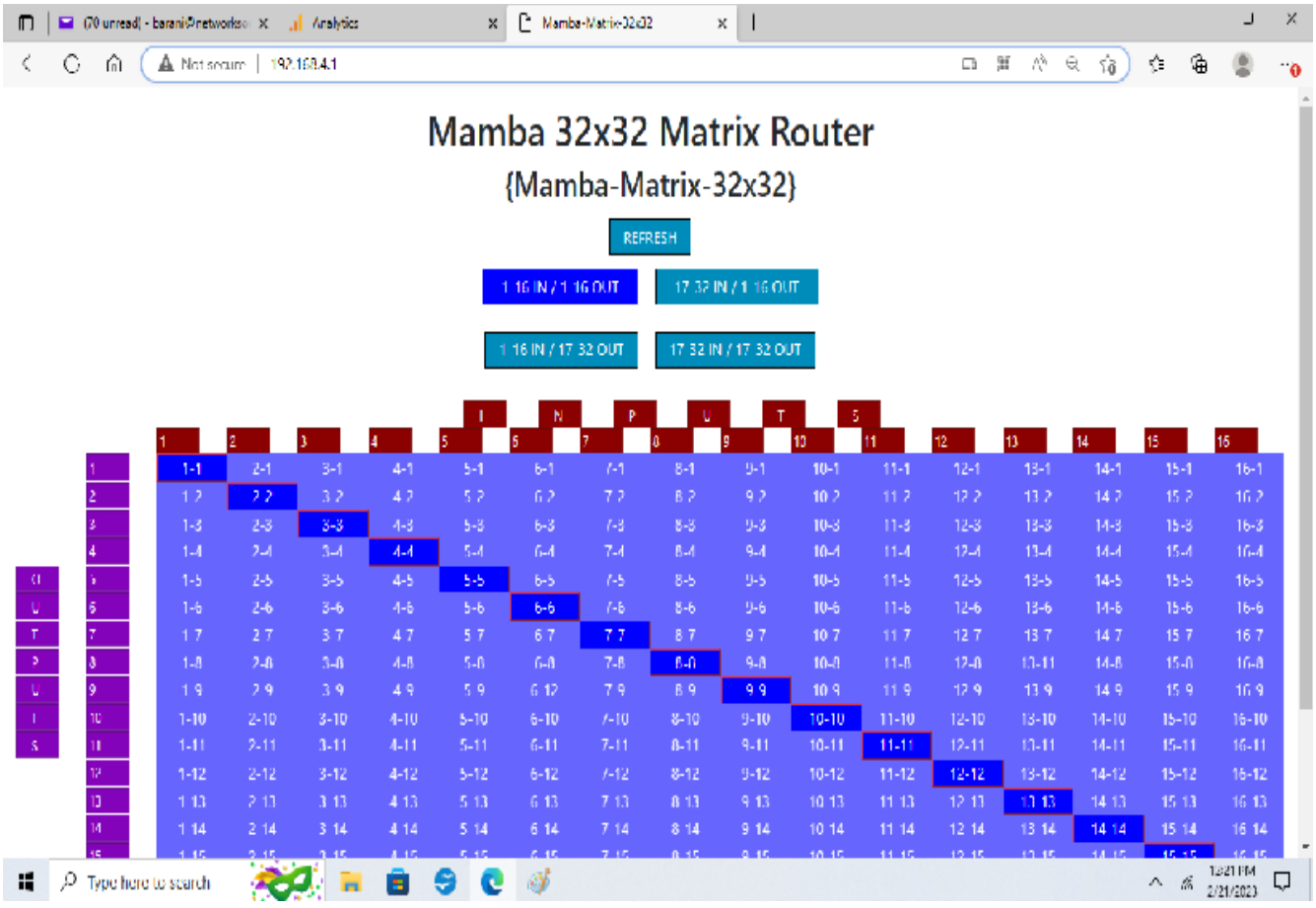


(FREE - included with Matrix)

Quick Setup Method 3 – Mamba MATRIX Router
[Using WiFi Direct from a Laptop or Phone or PAD]

1. Make sure the unit is ON
2. On your PAD, select wifi option and look for MambaMatri16 or MambaMatrix32
3. Connect to it. Ignore if it says NO internet connection
4. Wait for wifi icon appear on the left top corner (Mean pad is connected to Matrix)
5. Open a browser and type in 192.168.4.1
6. You should see the Matrix 32x32 App as below.





Please contact us @ support@networksound.com OR 978 384 0780 for any help.