

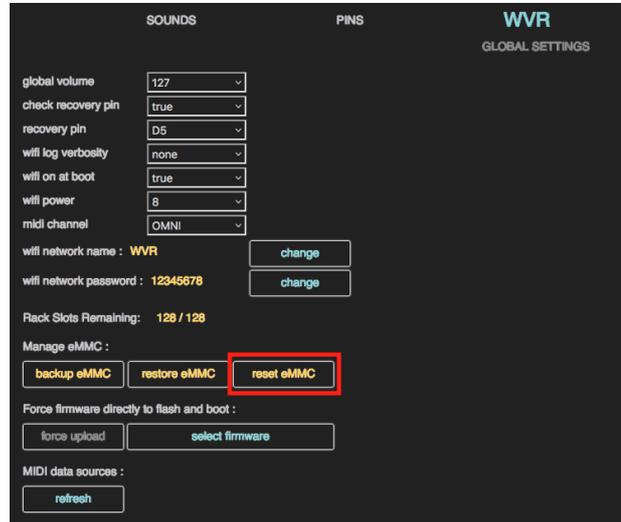
# A08 WVR - TROUBLESHOOTING

**!!! IMPORTANT !!! Do not try firmwares more recent than version 3.8.0**  
 This may result in a stuck module and you will need FTDI adapter to reset firmware.  
 Please ask if you plan to update firmware. I can test it for you before.

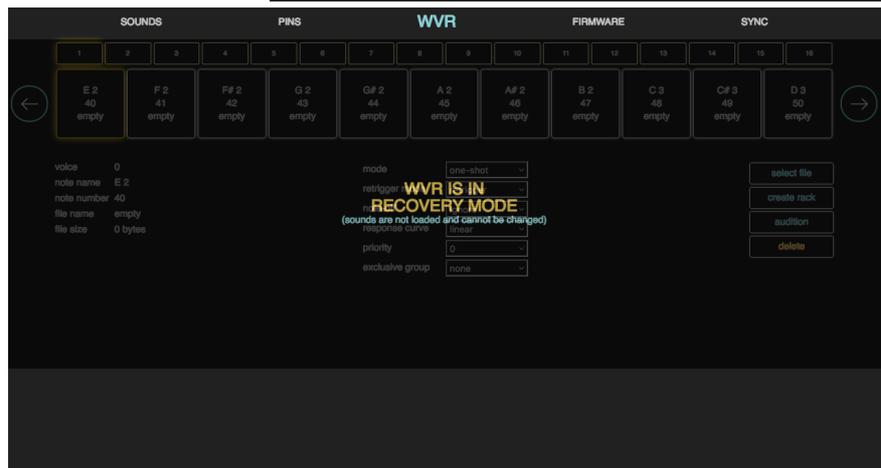
Please note that some corrupted wav file or multichannel wav file (more than 2) may crash the unit if used.

## reset eMMC

if you decided to reset eMMC, the default pin configuration and the firmware will be resetted. At the next boot you will see "WVR is in recovery mode" because recovery pin is set to true. See below how to restore the initial config wich works with the eurorack hardware.

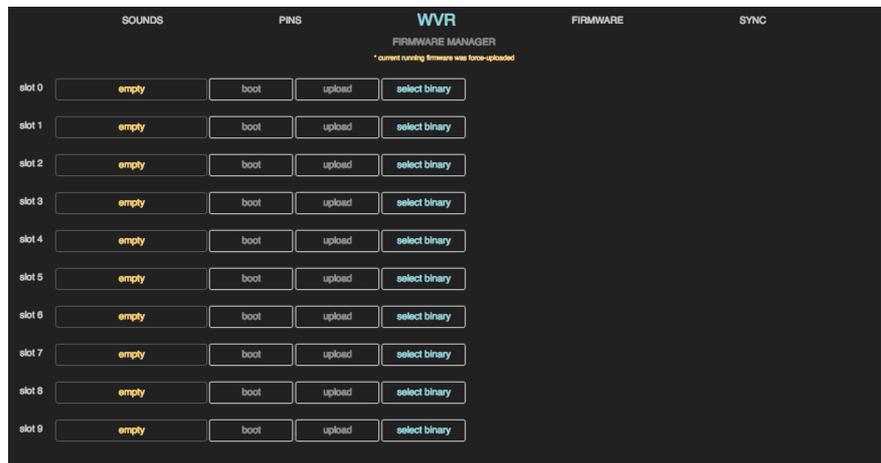


## WVR is in recovery mode

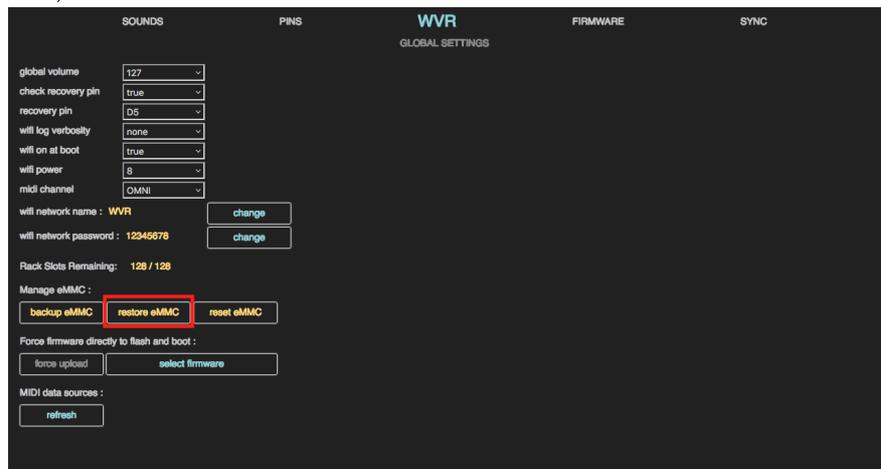


## What to do?

- feed a constant +5v into input "D5"
- hold the button "RESET" down for 2 seconds and release (WVR should start normally, not in recovery mode because of the +5v in D5)
- reconnect your wifi network to "WVR"
- hit the reload button of your browser
- click the "FIRMWARE" tab



- click "select binary" button of the first line
  - select file "wvr\_basic380.ino.bin"
  - click "upload" button (wait until upload is complete)
  - click "boot" button (click OK at prompt "refresh page?")
- (you may reconnect to the WVR wifi network)



- click "restore eMMC"
  - click OK at prompt and select file "wvr\_emmc\_A08\_default.bin"
- (wait until all memory is uploaded, don't interrupt the process)
- click OK at prompt when upload is completed
  - hold the button "RESET" down for 2 seconds and release
- (you may reconnect to the WVR wifi network)
- you can remove the +5v at input D5

- you should see the following screen (basic default configuration)

**WVR**

SOUNDS      PINS      FIRMWARE      SYNC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E 2 40 BD.wav	F 2 41 41_SD.WAV	F# 2 42 42_CP.WAV	G 2 43 43_CH.WAV	G# 2 44 44_OH.WAV	A 2 45 45_LT.WAV	A# 2 46 46_HT.WAV	B 2 47 47_CY.WAV	C 3 48 42_TJUPP.w	C# 3 49 44_CABASA.	D 3 50 45_STICK.w					

voice: 0  
note name: E 2  
note number: 40  
file name: BD.wav  
file size: 352804 bytes

mode: one-shot  
retrigger mode: retrigger  
note-off: ignore  
response curve: square root  
priority: 0  
exclusive group: none

select file  
create rack  
audition  
delete

**WVR**

SOUNDS      PINS      FIRMWARE      SYNC

GLOBAL SETTINGS

global volume: 127  
check recovery pin: false  
recovery pin: D5  
wifi log verbosity: none  
wifi on at boot: true  
wifi power: 8  
midi channel: OMNI

wifi network name: WVR      change  
wifi network password: 12345678      change

Rack Slots Remaining: 128 / 128

Manage eMMC:  
backup eMMC    restore eMMC    reset eMMC

Force firmware directly to flash and boot:  
force upload    select firmware

MIDI data sources:  
refresh