

## AVN-CU2 / CU4 Firmware Update Process



This process shows an AVN-CU2 unit BUT  
the same process is for the AVN-CU4

<https://www.sonifex.co.uk/>

1

1. Logon to the website using the link shown.



2. The webpage should load.

2



3. Select the **Technical Support** tab.

3



4. Select **Software Downloads**

4

Home > Technical Support > Software Downloads

### Sonifex Software & Firmware Download

#### Downloads

To reduce the risk of introducing unwanted errors i upgrades when a new feature is required or a spe

Select the product range below to take you to the

- AVN
- CCS Musicam
- Courier
- Desktop Monitors
- Mentor
- Talkback
- Radio Capt
- Net-Log
- Pro Audio S
- Reference M
- Redbox
- Service Disc

5

5. Select the **AVN** product range icon.

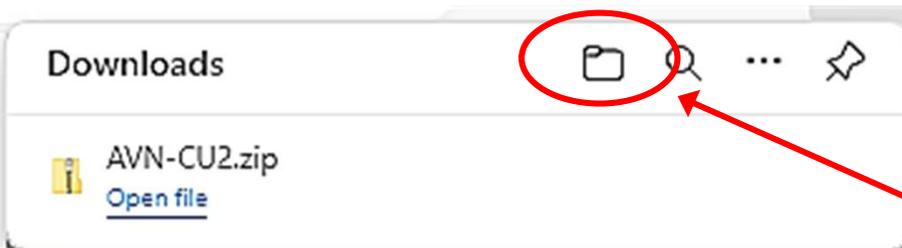
## Sonifex AVN Firmware

### AVN Commentator Unit

AVN-CU2 (Firmware - Zipped) Includes Dante firmware files	V3.15.2626
AVN-CU4 (Firmware - Zipped) Includes Dante firmware files	V3.15.2626
AVN-GMCS IEEE1588 PTP Grandmaster Clock with GPS Receiver (Firmware - Zipped)	V1.14.257

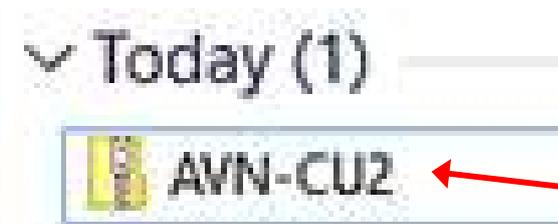
6

6. Click on the **Firmware – Zipped** link for either CU2 or CU4.



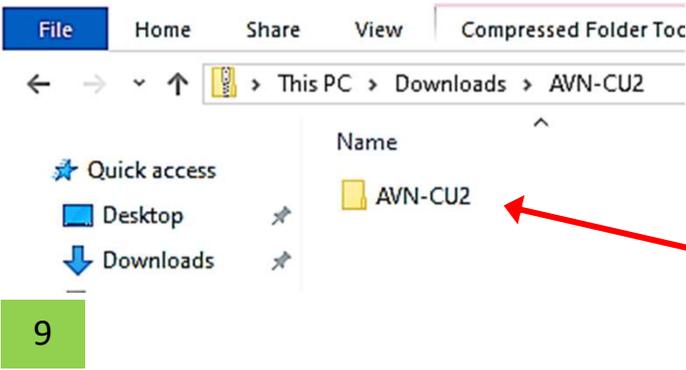
7

7. The zipped file should download.  
Select the folder icon.

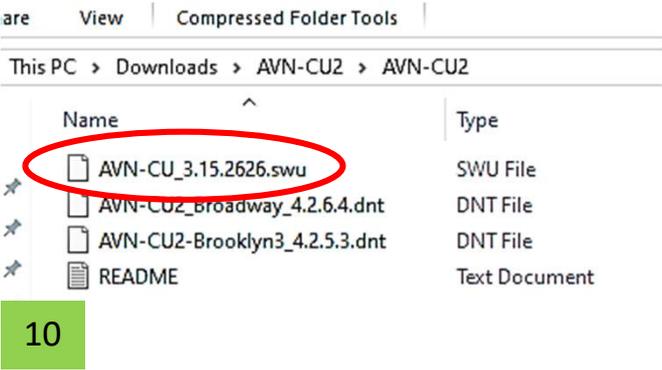


8

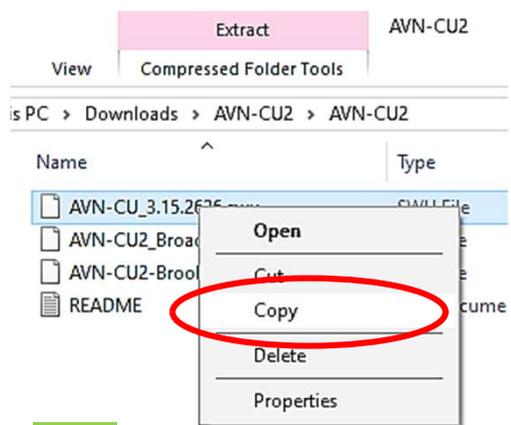
8. The zip file should now be seen.  
Double click the file.



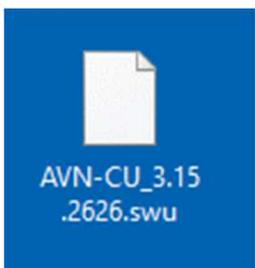
9. A second window will be shown.  
Again double click the folder



10. The **.SWU** file should now be seen.



11. Right click the file and select **Copy**.



12. Choose a location and right click then **paste** the file.

12



13

13. Attach an ethernet cable connected to your network and the 12v DC power cable (or PoE / PoE +) to the unit.



14

14. Power up the unit and wait until it has booted.



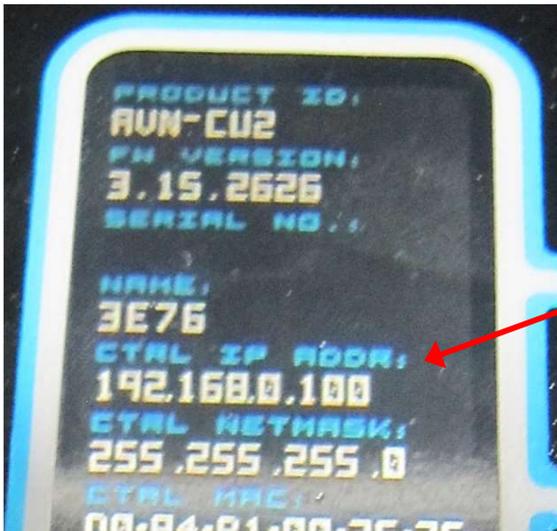
15

15. Select the **Menu** button



16

16. Select **STATUS** by pressing the rotary button next to the icon.



17

17. Check the IP address of the CTRL port. e.g. 192.168.0.100 (192.168.0.100:8080 in recovery).

If this is correct for your network then press the menu button again and go to step 27 otherwise continue to step 18 after pressing the menu button.



18

18. Press the **Menu** button again



19

19. Select **Network** by pressing the rotary button next to the icon.



20

20. Select **Control** by pressing the rotary button next to the icon.



21

21. Select **Mode** by pressing the rotary button next to the icon.



22

22. Ensure **Static** is ticked by pressing the rotary button next to the icon.

Then press **Save**.



23

23. Select **IP Address** by pressing the rotary button next to the icon.



24. Using the rotary buttons next to each of the locations adjust the IP address to suit your network.

When complete press **Save** button

24



25. Then press **Back**

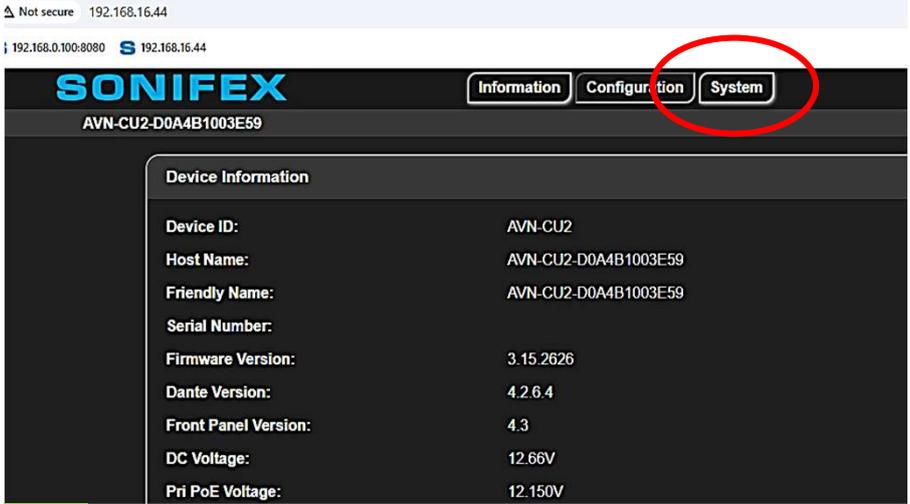
25



26. Then press **Close** and the unit will reboot

26



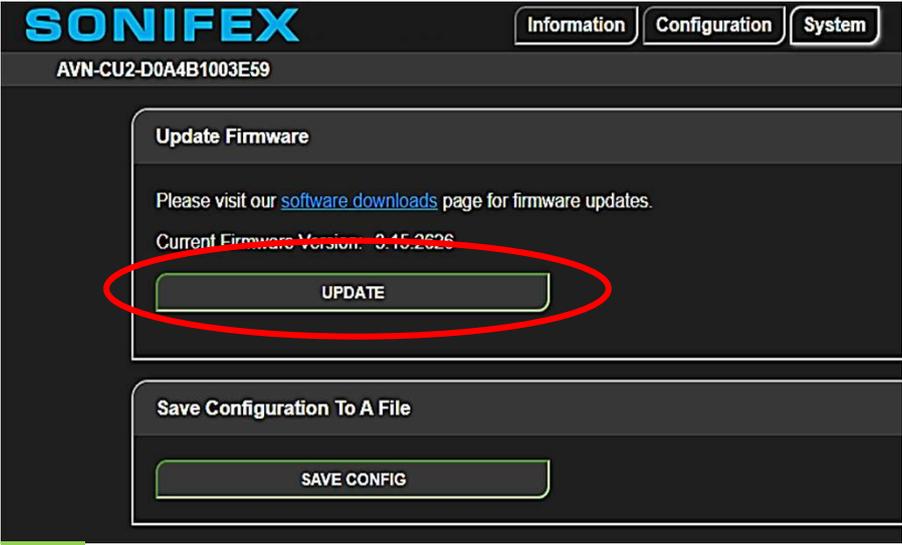


27

27. Open a web browser and enter the IP address of the unit.

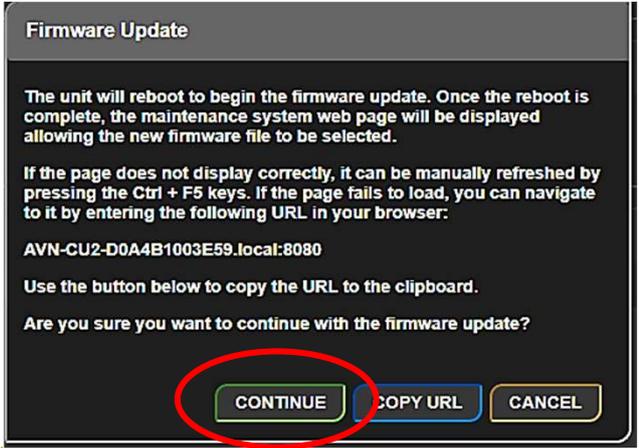
The webpage be visible.

Select **System**



28

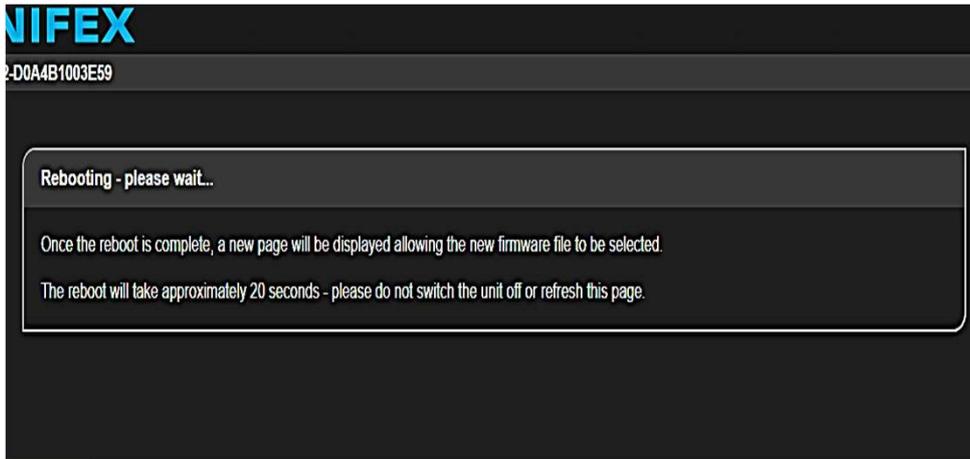
28. The screen will change, select **Update**



29

29. A warning box will show indicating the firmware is about to be changed.

Press **Continue**



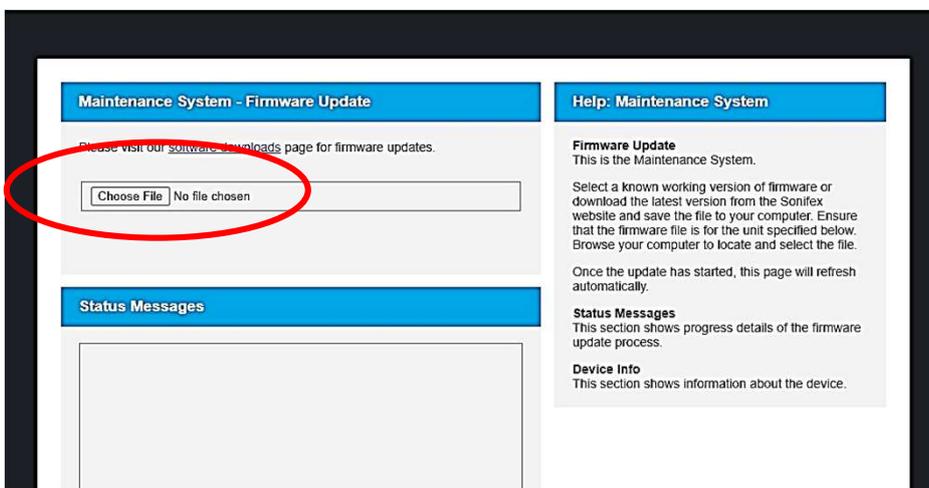
30. The screen will indicate the unit is rebooting which should be approximately 20 seconds

30



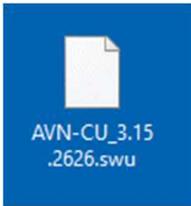
31. The Cu... screen will change showing a maintenance system

31



32. At the same time the webpage will change as shown.  
Select Choose File

32



33

The screenshot shows the 'Maintenance System - Firmware Update' page. It includes a 'Choose File' button with 'AVN-CU\_3.15.2626.swu' selected, a green progress bar labeled 'installing', and a 'Status Messages' section with log entries. A 'Device Info' section at the bottom lists IP address, MAC address, system version, kernel release, and kernel version.

34. The webpage will show the firmware installing and the CU.. will also show the upgrade taking place



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The screenshot shows the 'Device Information' page for AVN-CU2-D0A4B1003E59. It lists various system parameters:

Device ID:	AVN-CU2
Host Name:	AVN-CU2-D0A4B1003E59
Friendly Name:	AVN-CU2-D0A4B1003E59
Serial Number:	
Firmware Version:	3.15.2626
Dante Version:	4.2.6.4
Front Panel Version:	4.3
DC Voltage:	0.00V
Pri PoE Voltage:	12.178V
Sec PoE Voltage:	0.00V
Temperature:	43°C
Dante Redundancy:	Redundant
System Up Time:	0 hrs 0 mins

Below this is the 'Control Port Information' section showing the Hardware Address: D0:A4:B1:00:3E:59.

35. After approximately 4 minutes the webpage will be displayed.

35



36. The unit will reboot and look like this

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