

Firmware Update (to be completed prior to hardware changes)

- 1) Power the unit and connect to the web server.
- 2) Go to the Updates page on the web server and select the supplied update file using the button under the 'Update Firmware' heading.
- 3) Press the 'Update Code' button to begin update.
- 4) When the update is complete, reboot the unit with a power off/power on cycle.
- 5) Go to Device Info page and confirm the latest firmware version.
- 6) Proceed with hardware changes overleaf.

The screenshot displays the web interface for the Sonifex DHY-04G. The header includes the Sonifex logo and the text 'Manufacturers of audio & video equipment for radio & TV studios'. The page title is 'DHY-04G Web Server'. A navigation menu at the top contains links for Home, Config, Network, Device Info, and Updates. The main content area is divided into two sections: 'Device Info' on the left and a larger 'Device Info' box on the right. The left section lists various device parameters and their values, while the right section contains a descriptive note about the information provided.

Device Info	
Device:	DHY-04G
Serial Number:	107149
Description:	Sonifex DHY-04G
Bonjour Name:	DHY-04HD-107149
Firmware Version:	v1.18.155.169
Base Version:	v1.01.091
Front Panel Version:	v1.00
GSM Module Version:	v1.08
GSM Device Version:	v
Config Set:	DHY-04G default setup
System Up Time:	25h 09m 30s

Device Info
This page shows general, network and GSM information about the connected DHY-04G.

Hardware Changes (to be completed after firmware update)

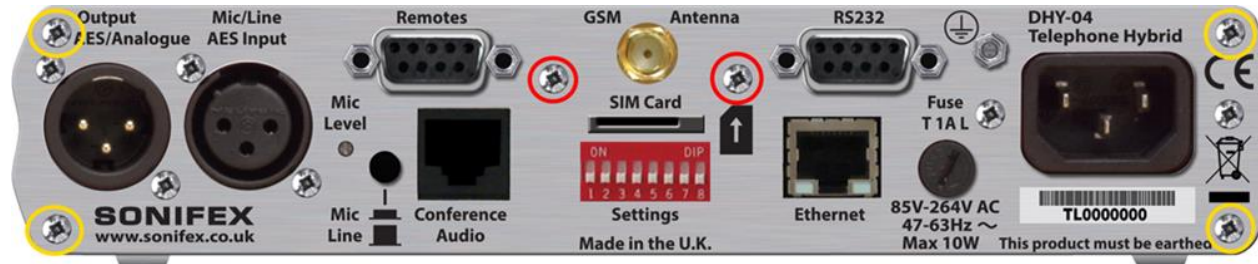


Figure 1: DHY-04 Rear Panel

- 1) Ensure unit is powered off & remove SIM card from the rear panel.
- 2) Locate and remove the 4 screws highlighted with a **YELLOW** circle.
- 3) Locate and remove the 2 screws highlighted with a **RED** circle.
- 4) While holding the front panel, slide the rear panel out. Note the PCB slots in the side chassis.
- 5) The module is located to the centre rear of the unit. Locate and carefully remove the Antenna push fit cable connection marked **1** by lifting it clear (see figure 2).
- 6) Remove the 2 nuts marked **2** (see figure 2).
- 7) The module can now be removed from the unit.
- 8) Position the new module in the unit and ensure that the SIM connector marked **3** fits within the rear panel cut-out. The screw blocks marked **4** should fit flush against the inside of the rear panel (see figure 2).
- 9) Refit the 2 nuts removed in step 6 ensuring that the PCB locating lugs marked **5** are correctly located (see figure 3).
- 10) Re-connect the module antenna removed in step 5 by carefully aligning the two sections and gently pressing down.
- 11) Re-assemble the unit by locating the main PCB in the chassis slots and gently slide the two parts together. The rear panel should fit flush against the back of the chassis.
- 12) Re-fit the screws removed in steps 2 and 3.
- 13) Insert the SIM card into the rear panel slot. The unit is now 4G VoLTE ready.



Figure 2: Exploded view of lugs



Figure 3: Module