Software Update

Installation Guide

for

AVR-3806

DENON

Index

1. Warning notices

Please note that DENON can assume no liability for any damage, should the update fail to execute properly. DENON does not offer any technical support or other services in respect of the software.

The update restores all the AVR-3806 default settings. Therefore, you will need to run AUTO SETUP following an update.

Please read this guide in its entirety before carrying out an update.

- a) During the update, do not under any circumstances switch off the unit's power or activate any buttons on the unit or its remote control.
- b) Do not unplug any cables during the update.
- c) Do not run any other applications on your PC during the update.
- d) Before the update, close any memory resident programs on the PC.
- e) Deactivate your screensaver along with all power-saving measures.
- f) Switch off your PC's power management feature.
- g) If you are using a laptop or notebook, make sure that there is a stable power supply available.
- h) Do not place cables near sources of electronic interference.
- i) Before starting the update, please switch the AVR-3806 off at the power switch (ON/OFF).
- j) Always switch the unit on in accordance with the instructions in this guide.
- k) The actual update process takes approximately 10 minutes.
- l) Progress is tracked continuously in a progress bar to keep you up to date with the program at all times. Do not touch the PC, A/V amplifier or cables during the update.

2. Preparatory steps

2.1 Getting your Personal Computer (PC) ready for the update

Minimum hardware and software requirements:

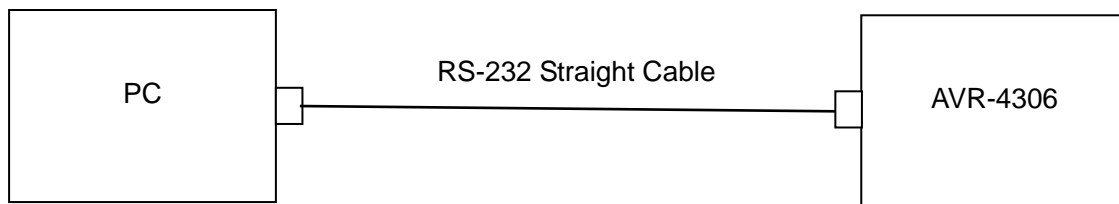| Type	PC/AT-compatible
CPU	Minimum: Intel Pentium/Celeron 300MHz
RAM	Minimum: 128 MB
Free space available on hard disk	Minimum: 25 MB
Operating system	Windows XP Home Edition/Professional SP1 or higher
Screen resolution	Minimum: Super VGA (800x600)
Port	Serial COM port (D-sub 9-pin)
Speed	RS-232 : 115,200 bps

2.2 Getting the cable ready

You should only use a straight RS-232C serial cable with male and female connectors for the update.

3. Connecting the AVR-3806 to your PC

1. Connect one end of the straight cable to the PC and the other end to the AVR-3806.

```
  ┌──────────────┐                                       ┌──────────────┐
  │              │         RS-232 Straight Cable         │              │
  │     PC       ├──┐                              ┌──────┤  AVR-4306    │
  │              │  ├──────────────────────────────┤      │              │
  │              ├──┘                              └──────┤              │
  └──────────────┘                                       └──────────────┘
```


4. Firmware update procedure

4.1 Installing the update program

1. Start "FWCV_AVR_3806_V0027_SETUP.exe". Please follow the on-screen instructions.

2. Once the program has finished installing, the following icon will appear on your desktop:

DENON
FWCV_AVR38
06_V0027

4.2 Switching on the AVR-3806

1. Start up the AVR-3806, remembering to use the **ON/OFF** switch. The AVR-3806 should now start up.

2. If the LED on the **ON/STANDBY** switch lights up red, press the **ON/STANDBY** switch until the LED flashes green and eventually shows a steady green light.
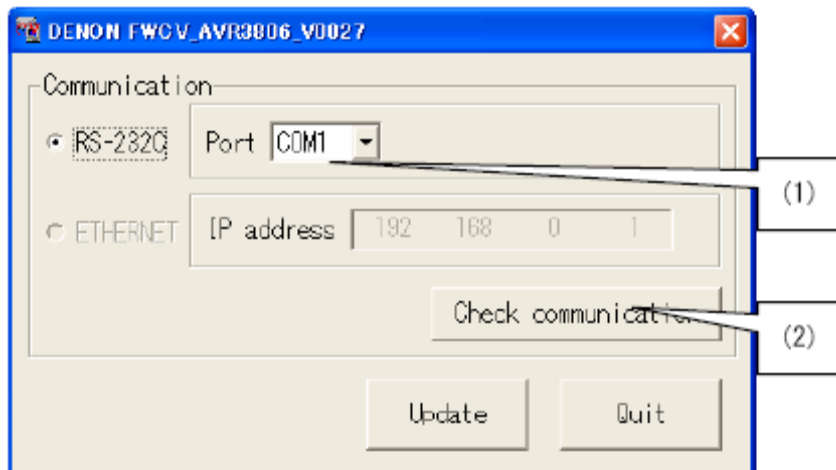
4.3 Starting the DENON Flash ROM Writer Compact

To start the DENON Flash ROM Writer Compact, click the relevant icon.

DENON
FWCV_AVR38
06_V0027

4.4 Checking communication

1.   Select the relevant COM port.

2.   Select
     [Check communication].

3.   If a connection can be established between the PC and AVR-3806, the "Communication check OK" dialog box will appear. Click [OK] to acknowledge the message.

4.   If no connection can be established between the PC and AVR-3806, you will see the message "Communication check NG!".
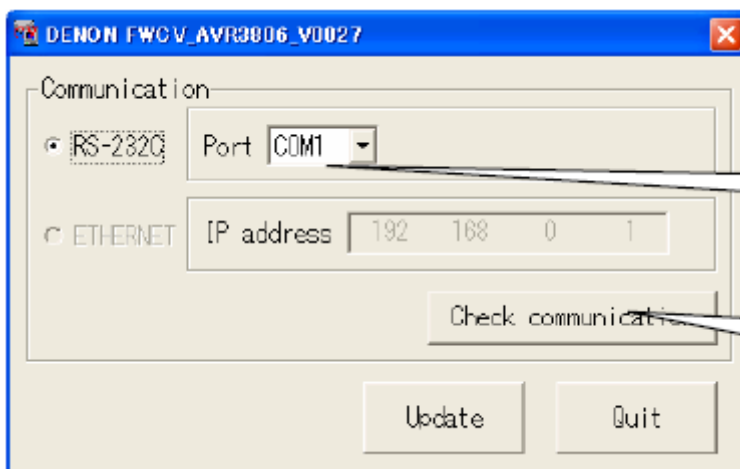

     In this case, please check the following:
     a) Check the connection (see Section 3.1).
     b) Check that the AVR-3806 has been switched on (see Section 4.2).
     c) Check the COM port number (see Section 4.4).

4.5 Starting the firmware update

1. Click [Update]. The amplifier will switch to Update mode. The LED on the ON/STANDBY switch will light up red.

Although the update normally takes approximately 10 minutes, it may sometimes take longer. Progress is tracked continuously in a progress bar to keep you up to date with the program at all times.
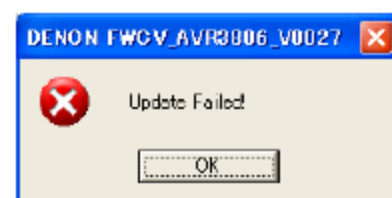
Do not touch the PC, A/V amplifier or cables during the update.

4.6 Completing the firmware update

1. As soon as the firmware update has finished, the "Update completed" dialog box will appear. The amplifier will restart in normal mode. At the end of the update, switch the AVR-3806 off completely by pressing the **ON/OFF** switch. Click OK to confirm the dialog box. Now unplug the RS-232 cable from the amplifier before switching the amplifier back on. That is the end of the update process.

Note: If the software update cannot be completed, the "Update Failed" message will appear. In this case, switch off the AVR-3806 and attempt the update again.

5. Firmware update procedure in safe mode

If you have not been able to complete the upgrade successfully and/or are unable to start up the A/V receiver, try the process again in safe mode.

5.1 Starting the update

1. Connect the AVR-3806 to your PC (see Point 3.a).
2. Keep the "SURROUND PARAMETER" + "SURROUND BACK" buttons pressed while you power up the AVR-3806 with the **ON/OFF** switch.
3. The power LED will light up red. Safe update mode is now active.
4. Now attempt the update again in accordance with Section 4.4.