



# PA Firmware

## Release Notes

Version 4.18r0

### Overview of PA firmware installation

The PA Firmware is a complete firmware package compatible with all products of the StormAudio Power Amplifiers range: PA 8 ELITE, PA 16 ELITE and PA 8 ULTRA ELITE.

### Download information

The upgrade package as well as the "StormAudio - Firmware Upgrade - Quick Guide - 2018.08.pdf" can be downloaded from the StormAudio Support webpage with private access (<http://www.stormaudio.com/en/private-access/login.html>). Login with password is required. Please contact your distributor to obtain access information or email [support@stormaudio.com](mailto:support@stormaudio.com). File name will be: **pa\_4.18r0\_20180808.ssp** with an approximate size of 45 MB.

### Upgrade information

Remote Upgrade of a PA is possible via an ISP or I.ISP loaded with FW V3.2r0 onward. Check your ISP firmware version and upgrade it to the minimum required version if necessary.

Initial production PA Firmware (prior to V4.14r0 version) doesn't allow the PA Remote Upgrade and the Remote Monitoring feature. For this specific case, a first upgrade to V4.14r0 version of the PA using a USB key is required (see PA USB Upgrade Process document available in the Client Portal).

**Upgrade earlier than 4.14r0 requires upgrade to made first via a USB key.**

Upgrading from 4.14r0 onward can be done remotely using described process.

### Upgrade process

The upgrade can be done either via the ISP or I.ISP Web User Interface Remote Upgrade function (by entering the ISP or I.ISP Unit IP on a web browser and selecting the System tab or directly entering PA Unit IP address on a web browser) or via a USB dongle key connected in the back panel of the PA unit. We recommend the use of the Web User Interface.

After having launched the upgrade process (via Web UI or USB key insertion), the PA front panel LED will blink RED.

**Do not interrupt the process before the LED turns OFF (USB upgrade) or reading the message:**

**"Update finished successfully" in the PA Web User Interface.**

After upgrade, the PA will remain in Standby.

## **New features and enhancements**

### SYSTEM & CONTROL

- The Web Terminal has been added to allow better remote support
- “Fav icon” has been added to the Web page
- A script allowing the change from Rack mode to Home mode can be launched through the Terminal via Support request: in Home mode, the FAN law is shifted so they start and stop at a higher temperature, making the system more silent in normal usage

## **Known bugs and issues**

In the below part, we are listing issues that have been identified but not yet addressed in the proposed firmware release. These issues will be addressed in future release of the firmware. When an issue cannot be fixed, it will be listed as a limitation.

### **User interface issues**

- No upgrade message status in the WebUI with an upgrade via USB. After upgrade, you must restart PA (hard power OFF/ON needed).