

# Firmware Release Notes

## Version 4.20r1

### New features and enhancements of FW 4.20r1

#### System & control

- Show complete serial number on the system page
- Update StormAudio logos
- Add system status panel on the system page in monitoring view
- Add network configuration parameters to the WebUI
- New name for console access path
- New default hostname: stormaudio-pa, needed for mDNS use.

### Overview of PA firmware installation

The PA product range is made of PA 8 Ultra and PA 16. They are sharing the same firmware package and process.

#### Download information

The upgrade package can be downloaded from the [StormAudio software download page](#) of StormAudio website. The file name will be: **pa\_4.20r1\_20241217.ssp** with an approximate size of 56 MB.

#### Upgrade information

The upgrade can be done either via the Web User Interface Remote Upgrade function, accessed by entering the Unit IP address on a web browser, using mDNS access with **stormaudio-pa.local** used in the web browser URL area or via a USB dongle key connected in the back panel of the unit. We recommend the use of the Web User Interface. Alternatively, Remote Upgrade of a PA is possible via an ISP or I.ISP Web User interface in the System page (ISP loaded with FW V3.2r0 onward).

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 the upgrade, the PA will remain in standby.

#### *Unit with firmware earlier than 4.14r0*

If upgrading from an earlier version than 4.14r0, firmware upgrade shall be made using a USB key in the back panel.

## Firmware releases historic

You will find below the former firmware revisions Release Notes summary.

## FW4.18r0 (20180808)

### New features and enhancements

#### *System Control*

- “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

## FW4.17r1 (20180606)

### New features and enhancements

#### *System Control*

- Add web terminal for support

## FW4.16r0 (20180416)

### New features and enhancements

#### *System Control*

- Copyright information added (Immersive Audio Technologies)
- Correction of back panel FAN control hysteresis leading to FAN not stopping

## FW4.15r3 (20180411)

### New features and enhancements

#### *System Control*

- Copyright info.
- Responsive design WebUI

## FW4.15r2 (20171211)

### New features and enhancements

#### *System Control*

- Upgrade status bar
- Bootloader version

## FW4.14r0 (20171116)

## New features and enhancements

### *System Control*

- Integration of a Web User Interface for:
  - remote upgrade,
  - upgrade status
- Remote Upgrade from ISP and I.ISP System page,
- USB dongle upgrade with information on front panel LED
- Monitoring feature is now fully implemented.