AVAA C214

App Compatibility & Firmware update

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Rev. number	Emitted by	Date	Visa	Approved by	Date	Visa
1.0	YBR	14.03.25	YBR	RRK	14.03.25	RRK
Distribution	Customers / RELEC SA					

1   Content

2   Introduction

The AVAA system by PSI Audio is an advanced active bass trap designed to enhance acoustic performance in various environments.

To ensure optimal functionality, it is crucial to use the latest firmware version and corresponding application.

This guide provides comprehensive information on firmware compatibility, firmware update process, and some key considerations when managing your AVAA device.

3   Firmware Version and App Compatibility

- If your AVAA is running **Firmware (FW) 1.X.X**, you must use the **PSI Audio app** for pairing process.

- If your AVAA is running **Firmware (FW) 2.X.X**, you must use the **AVAA Controller app**.

- **To check your AVAA firmware version**:
    - Press and hold the blue button for at least 3 seconds.
    - If there is **no reaction**, your AVAA is running **FW 1.X.X.**
    - If the blue **LED blinks twice**, your AVAA is running **FW 2.X.X.**

4 Firmware update Process when using FW 1.X.X

- **To check your AVAA firmware version**:
    - Press and hold the blue button for at least 3 seconds.
    - If there is no reaction, your AVAA is running FW 1.X.X.
    - If the blue LED blinks twice, your AVAA is running FW 2.X.X.

- **Updating Firmware from FW 1.X.X to FW 2.X.X**:

    If your device is running on FW 1.X.X version **it needs to be update to FW 2.X.X version.**
    To do so, it needs to be connected to the network using **PSI Audio App.**
    Then the firmware can be updated using **AVAA Controller App.**
    Follow steps hereunder:

    1. Please ensure you have the latest application versions on your phone/tablet

        - Check that you have the latest version of the **PSI Audio app**.
        - Check that you have the latest version of the **AVAA Controller App.**

    2. Connect your AVAA C214 to the network using **PSI Audio app**.

        - Make sure your phone/tablet is connected to a 2.4 GHZ Wi-Fi network.
        - Connect your AVAA C214 by following the instructions on the **PSI Audio App.**

    3. Switch to **AVAA Controller app.**

        - Once the AVAA C214 is connected to the network, you may switch to using **AVAA controller app.**
        - Your AVAA Controller app. will automatically see the AVAAs connected to same network
        - A "**update**" text will appear **on the AVAA icon** when a firmware update is necessary.
        - Click on the "update" text and follow the instruction on the AVAA Controller app.

    4. Continue using only the **AVAA Controller App.**

        - Once the AVAA C214 firmware is updated to FW 2.X.X you will no longer be able to go back to a previous FW 1.X.X version or use the PSI Audio App.
        - Continue using only the **AVAA Controller app**.

5   Firmware update Process when using FW 2.X.X

- **To check your AVAA firmware version**:
    - Press and hold the blue button for at least 3 seconds.
    - If there is no reaction, your AVAA is running FW 1.X.X.
    - If the blue LED blinks twice, your AVAA is running FW 2.X.X.

- **Updating Firmware FW 2.X.X to the latest version:**

    If your device is running on FW 2.X.X version you will be prompted to update the firmware as soon as a new version is released

    1.   Please ensure you have the latest application version on your phone/tablet

    - Check that you have the latest **AVAA Controller App.**

    2.   Connect your AVAA C214 to the network using **AVAA Controller app**.

    - Make sure your phone/tablet is connected to a 2.4 GHZ Wi-Fi network.
    - Connect your AVAA C214 by following the instructions on the **AVAA controller app.** and scanning the QR code at the rear of the AVAA C214.

    3.   Follow the instruction on the AVAA Controller App.

    - Your AVAA Controller app. will automatically see the AVAAs connected to same network.
    - A "**update**" text will appear **on the AVAA icon** when a firmware update is necessary.
    - Click on the "update" text and follow the instruction on the AVAA Controller app.

6 Known connection issues with iOS Devices

Connections have sometimes shown to be unreliable between devices running on iOS and AVAA C214 running FW 1.X.X.

Unfortunately, these limitations may cause difficulties in performing the firmware update and it might be necessary to repeat the process several time.

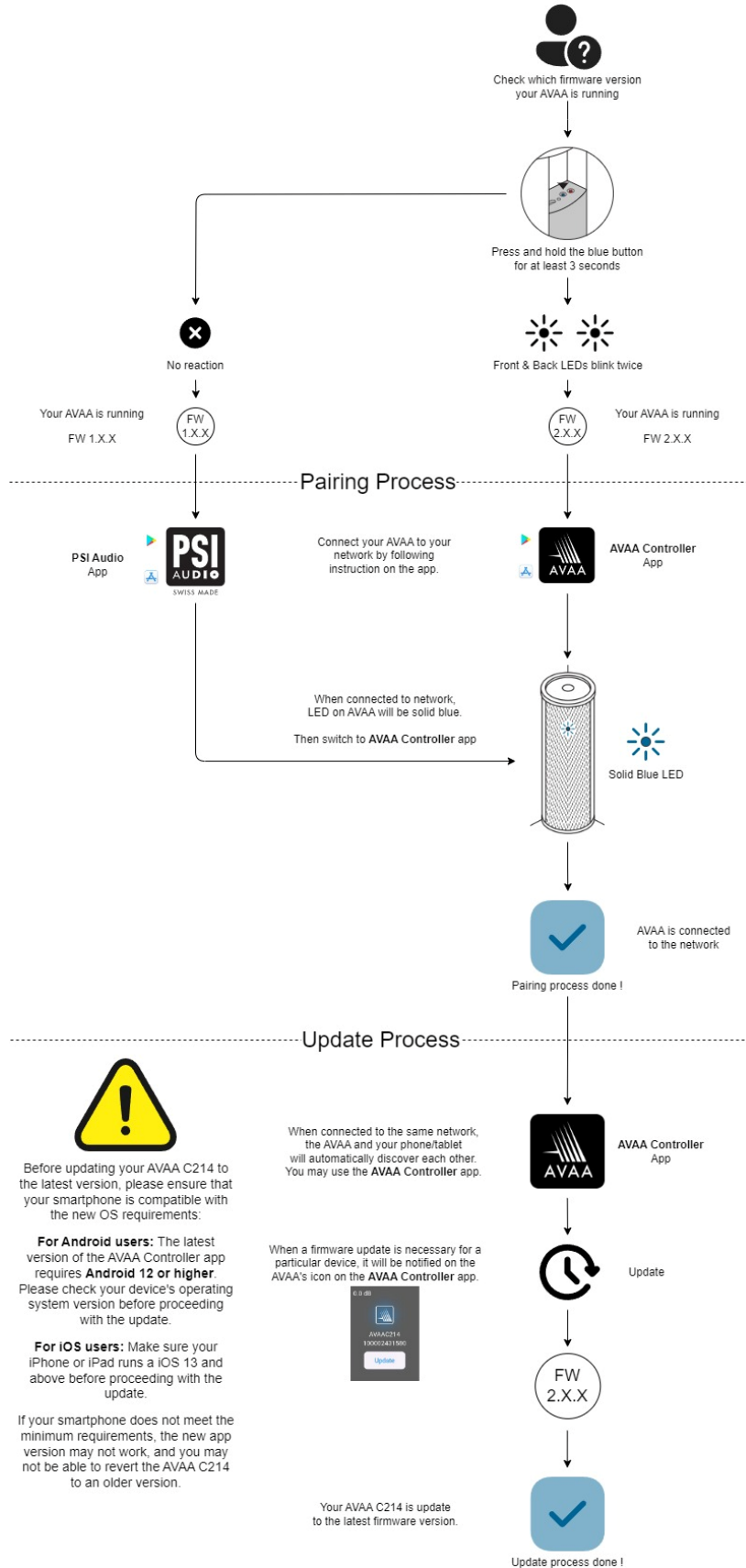To ensure a smoother update process, we recommend using one of the following alternatives:

- Use an **Android phone** to perform the update via the PSI Audio app.

- **Download the PSI Audio app on a Mac computer** and complete the update from there following the same steps as described in chapter 4.

Once the firmware has been updated to FW 2.X.X, you will be able to use the AVAA Controller app on your iOS device without any issues.

7 Important Notes

- **Factory Reset Limitation:**
    - Once your AVAA is updated to FW 2.X.X this version will replace the factory firmware.
    - It will not be possible to revert to FW 1.X.X.
    - Any AVAA updated to FW 2.X.X will no longer be compatible with the PSI Audio app.
    - You will need to use AVAA Controller app.

8   Illustrations

9   Summary

- **FW 1.X.X** → Use **PSI Audio app** to connect to network.
  Once connected, switch to AVAA Controller app and update firmware.

- **FW 2.X.X** → Use **AVAA Controller app**.

10 Conclusion

By following this guide, you can efficiently manage firmware updates and ensure seamless operation of your AVAA device. If you encounter any issues, refer to the official PSI Audio support for further assistance.

For detailed instructions, please refer to the AVAA user manual or the official PSI Audio support.