Application Guide

Firmware Requirements for ZON Config Version 2.0

The ZON Serial Configuration Utility ("ZON Config") Version 2.0 requires specific firmware to be present on the ZON Router (ZR-98), ZON Audio Controller/Amplifiers (ZAC-60), and Sub Zone Controller/Amplifiers (ZAC-30/ZAC-30jr) for successful operation. It is recommended that you update your firmware by the following guide before using ZON Config Version 2.0.0 or later to customize your system:

Recommended Firmware Update Process

Please follow the firmware update process as outlined below:

Step One: Update ZON Router Firmware (MB and FB Version 1.6.7)

Before you attempt to update the firmware on a ZON Router, it is recommended that you disconnect any ZIM-4 Input Modules, ZAC-60 Audio Controller Amplifiers and any local inputs from the ZON Router. If you have ZAC-30 or ZAC-30jr controllers, please disconnect them and set aside until you are ready for the last step.

Launch ZON Config, Version 2.0.0 or later, and choose the option to connect to the ZON Router.

After connecting with the router, click on the ADVANCED tab, and choose UPGRADE FIRMWARE.

Choose UPGRADE ROUTER FIRMWARE and browse for the following file: ZR_1-6-7 Part 1.zpr. This file is written, by default to C:/Program Files/ZON Audio/ZON Config. Apply the "Part 1" file. Upon completion, ZON Config will close, and you will be prompted to power cycle the ZON Router.

After the power cycle, re-connect to the router, click on ADVANCED, UPGRADE FIRMWARE, UPGRADE ROUTER FIRMWARE, and browse for ZR_1-6-7 Part 2.zpr. When this file has loaded, ZON Config will close, and again, power cycle the ZON Router.

Repeat as necessary for each of the ZON Routers in the system.

Step Two: Update ZAC-60 Firmware (Version 2.56)

Before you attempt to update the firmware on a ZAC-60 *make certain that you do not have a ZAC-30 or ZAC-30jr connected.* It is recommended that you first update the ZON Router firmware as outlined in Step One above.

Via ZON Config, connect to the router. Click on the ADVANCED TAB, choose UPGRADE FIRMWARE, then select UPGRADE CONTROLLERS (ZAC). Browse for the following file: ZAC60_256.zac. This file is written, by default to C:/Program Files/ZON Audio/ZON Config. Apply this firmware file to each of the connected controllers. After you have updated the ZAC-60 controllers, power cycle the ZON router.

Repeat as necessary for each of the ZAC-60s in the system. You will have to connect to each router in the system (if you have more than one router in a system).

Step Three: Update ZAC-30 Firmware (Version 1.19)

It is recommended that you not perform this step until you have fully completed steps One and Two above. While the power to the ZON Router is disconnected, connect a ZAC-30 or ZAC-30jr to a ZAC-30 ready ZAC-60 controller (See the special insert in the ZAC-30 box for more details on compatible ZAC-60 models). Re-connect power, launch ZON Config and connect to the ZON Router.

Click on the ADVANCED tab, select UPGRADE FIRMWARE, then select UPGRADE CONTROLLERS (ZAC). Browse for the following file: ZAC30_119.zac. This file is written, by default to C:/Program Files/ZON Audio/ZON Config. Apply this firmware file to each of the connected controllers. After you have updated the ZAC-30/ZAC-30jrs, power cycle the ZON router.

Repeat as necessary for each of the ZAC-30/ZAC-30jrs in the system. You will have to connect to each router in the system (if you have more than one router in a system that employs the use of ZAC-30/ZAC-30jr sub-zone controllers.