



Date: 10/9/03  
To: All Niles Dealers and Representatives  
From: The Technical Support Department  
Subject: Replacing the Russound CAV6.6 with Niles MultiZone Receivers

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Recently it has come to our attention that some custom installers wish to replace the Russound CAV6.6 Controller/Amplifier with a Niles ZR-4630 or ZR-8630AV MultiZone Receiver. Therefore, we are providing this bulletin in the hopes that it will answer any questions regarding such a replacement.

The CAV6.6 is a six-zone, six-source component. The recommended wiring scheme is to run a CAT-5 cable from the equipment location to a double gang box at the keypad location and 16 or 14 AWG speaker wire from the equipment location directly to the speaker locations. Amplifier power is 20 watts per channel at 8 ohms. The CAV6.6 does not include a built in tuner.

Niles offers two replacement models. The ZR-4630 is a six-zone, four-source receiver with one built in tuner. The ZR-8630AV is a six-zone, eight-source receiver with two built in tuners and the ability to distribute composite video to any zone. Both products provide amplifier power of 30 watts per channel RMS at 8 ohms and are stable at 4 ohms.

Both receivers are wired in a similar fashion to the CAV6.6, making the replacement of the CAV6.6 with either of the Niles Multi-Zone receivers an easy task. One exception is that the Niles IntelliPad Ci keypads are connected to the system via an RJ-45 connector instead of a 110 punch-down block. Also, you are not limited to a double gang box at the keypad location. You may use Niles IntelliPad Ci Keypads in either single, double, or triple gang configurations, or the PC programmable TS-1 Wall Mount Touch Screen Keypad to provide just the right level of system control.

After installing either Niles MultiZone Receiver, you will be able to take advantage of its ability to monitor the on/off state of any source components connected to the system. This will ensure that the entire system remains in "sync" and prevent components from turning off when they should remain on.

Both the ZR-4630 and ZR-8630AV have CSA-E65 listings and are tested under UL6500 standards to provide safe and reliable operation.

We hope this bulletin answers any questions you have regarding this matter. Should you need further assistance, please call Niles Technical Support at 1-800-289-4434 between the hours of 8am and 7pm Eastern Time, Monday through Friday.