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RC210 DVR Upgrade

Congratulations on your purchase of the DVR Upgrade for your RC210 Deluxe Repeater Controller. This upgrade will more than double the recording and playback time of the stock DVR, providing more than a total of 2 minutes.

Please note that use of this new IC requires Firmware 7.36 or later. If you have not previously done so, you should stop and upgrade the firmware. If you have RCP, you would be well advised to first make sure you have a current backup of your controller configuration. You will find instructions on how to upgrade your firmware in the RC210 Operations & Programming Manual.

Also note that you will lose any DVR recordings you may already have and will need to re-record them after this upgrade is complete.

Installation

After you power down your RC210, locate the largest IC on the board, designated U7. If you have a chip puller, use that to remove the IC from its socket. If you don't, CAREFULLY use a small flat blade screw driver to first gently pry one end, then the other. Do this equally and the IC will evenly be removed from its socket with minimal bending of its pins. Insert the upgrade IC into the socket, taking care to insure all pins are lined up and the IC is fully (and securely) seated in the socket.

Select The Type DVR IC

If you use RCP (you should be using Version 7.36 or later), go to the Special Codes/AutoPatch tab and look for the ISD Type Select section. Click the radio button for Type 05, click APPLY then Update Changes Only. Be sure to save the change to your dat file as well. If you don't use RCP, using a DTMF equipped radio, unlock any Port you want and enter *70071. The controller should respond with "ISD Five Set". You may now lock the controller.

You are now ready to re-record your DVR tracks