

## RDR Over-the Air (OTA) Commands

See Also: [RDR Programming Commands](#), [Quick Page Commands](#),  
[RDR Test Mode](#), [Portable Radio Commands](#).

### RDR Over-The-Air (OTA) Programming Commands

| FC | CC | OC | Description   | Example/Definition   |
|----|----|----|---|--|
| 80 | 01 |    | Set pump start station  | 80 01 08 - Sets station 8 to be the pump start station. The station specified turns on whenever any other output is on. The station turns off if all other outputs are off.  |
| 80 | 03 | 00 | Disable and turn off all stations in the RDR with sequential shutdown | 80 03 00 - Disables all stations. After this command, simple on/off commands will not work for any stations until reenabled. This is a duplication of 75 43.<br><b>Note:</b> Reference OTA command; 80 07 09 - To enable or disable sequential shutdown.             |
| 80 | 03 | 01 | Enable all stations in the RDR  | 80 03 01 - Enables all stations. After this command, all stations will work normally. This is a duplication of 75 44.  |
| 80 | 04 |    | Change password for accessing OTA programming                         | 80 04 75 31 12 34 - Changes the password from 7531 to 1234.<br><b>Note:</b> Reference OTA command 80 07 03 to enable or disable OTA password protection.   |
| 80 | 05 | 01 | Change individual pager address                                       | 80 05 01 27 92 00 - Changes the individual RDR address to 279200.<br><b>Note:</b> Avoid changing the first three digits except for special applications. The paging terminal may require reconfiguration to return the group address factory setting of 279256.      |
| 80 | 05 | 02 | Change group pager address  | 80 05 02 27 92 41 - Changes the group address to 279241.<br><b>Note:</b> See note for 80 05 01.  |
| 80 | 06 | 01 | Set the syringe time period   | 80 06 01 01 00 - Changes the syringe time period to one hundred, 30 second time periods, or 50 minutes total. The maximum number of 30 second time periods allowed is 255. Zero time periods disables this feature.<br><b>Note:</b> Set to 5 minutes at the factory. |

|    |    |    |  |  |
|----|----|----|--|--|
| 80 | 06 | 02 | Set time out timer time period(Not enabled at factory)                       | 80 06 02 00 20 - Changes the time out timer to twenty, 30 minute intervals, or 10 hours total. The time an RDR waits without receiving a page before giving control back to the clock timer. The maximum number of 30 minute interval settings is 255.<br><b>Note:</b> Reference command 80 07 08 - Enable/disable time out timer. |
| 80 | 07 | 01 | Enable/disable individual address(Enabled at factory)                        | 80 07 01 00 - Disable the individual address. 80 07 01 01 - Enable the individual address.   |
| 80 | 07 | 02 | Enable/disable group address(Enabled at factory)                             | 80 07 02 00 -Disables the group address. 80 07 02 01 Enables the group address.  |
| 80 | 07 | 03 | Enable/disable password protection for OTA command (Not enabled at factory). | 80 07 03 00 - Disables the password. 80 07 03 01 - Enables the password protection. Usage: FC CC pppp OC, where pppp is the password.  |
| 80 | 07 | 08 | Enable/disable time-out timer (TOT)(Not enabled at factory).                 | 80 07 08 00 - Disables the TOT. 80 07 08 01 - Enables the TOT.   |
| 80 | 07 | 09 | Enable/disable sequential shutdown function(Enabled at factory).             | 80 07 09 00 - Disables. 80 07 09 01 - Enables. Prior to execution of the 'disable all' command, a delay of 5 seconds times the last digit of the RDR address is added, to provide sequenced shutdown. For address 028, the delay in turn off is $8 \times 5 = 40$ seconds.   |
| 80 | 07 | 10 | Enable/display syringe timer(Enabled at factory).                            | 80 07 10 00 - Disables syringe timer. 80 07 10 01 - Enables syringe timer.   |

**Notes:**

1. Invalid format or data commands are ignored by the RDR.
2. All OTA commands support the password protection option. Default is no password protection. See the 80 07 03 command for password enable/disable.
3. All RDRs can be controlled simultaneously by using the group address. The group address is changed using the 80 05 02 OTA command (factory set to 256).
4. This command set is valid for RDR software version 3.10. The version number is shown on the socketed part under the removable metal cover of the RDR decoder board.