# New Firmware update 4.0x5: Configuring Power-on Modes

Our older version of the KeyAT had certain power-on modes that could be easily set using a DIP switch setting. We've added options to the "D" command in "Setup mode" to make this easier on the KeyAT-4 model. Previously on the KeyAT-4 you had to modify the configuration string, which is a little more involved than a one or two character option to the "D" command.

To configure the KeyAT to particular power-on modes, you must first get into "Setup Mode" with the "Setup>" prompt, as shown:

```
*~*SETUP<ENTER>
Setup>
```

You can set defaults (no special modes) with the D command and no options:

```
Setup>D<ENTER>      (Restores default settings, no special modes)
Setup>PC<ENTER>     (Displays Configuration Data)
9600,NoPar,YesCmd,NoCR,LM,NM,0D,7E
Setup>
```

You can add up to two options to the "D" command. Whenever you do a "D" command, it's best to check the configuration string afterwards to verify that it did what you want. Valid Options are:

"N" = Disables Commands    "C" = CR pass-thru mode
"I" = Immediate Mode        "Q" = QWERTY Mode        "M" Monitor Mode

The following example shows enabling "CR Pass-thru mode":

```
Setup>DC<ENTER>     (Default settings w/ CR pass-thru mode)
Setup>PC<ENTER>     (Displays Configuration Data)
9600,NoPar,YesCmd,YeCR,LM,NM,0D,7E
Setup>
```

The following example shows enabling "Immediate mode":

```
Setup>DI<ENTER>     (Default settings w/ CR pass-thru mode)
Setup>PC<ENTER>     (Displays Configuration Data)
9600,NoPar,YesCmd,NoCR,IM,NM,0D,7E
Setup>
```

The following example shows enabling "Monitor mode":

```
Setup>DI<ENTER>     (Default settings w/ CR pass-thru mode)
Setup>PC<ENTER>     (Displays Configuration Data)
9600,NoPar,YesCmd,YeCR,LM,NM,0D,7E
Setup>
```

The following shows enabling "QWERTY mode" and disabling commands:

```
Setup>DQN<ENTER>    (Default settings w/ QWERTY Mode & Commands Disabled)
Setup>PC<ENTER>     (Displays Configuration Data)
9600,NoPar,No_Cmd,YeCR,LM,QM,0D,7E
Setup>
```