

APPLICATION NOTE 065

TITLE: The IC-100ME Default Configuration Plug

A default plug is a convenient method for re-initializing a Monicor radio modem to the factory default settings.

The default configuration plug is used to set all parameters to the factory default values. The "permanent" power-up configuration is not affected.

Use a male connector with the following two pairs of pins connected as a 'default configuration' plug:

	Pin	Pin
DB-9:	3 to 6	4 to 8

Apply 8 volts to pins 3 and 6. This is done conveniently with a 9 volt power adapter connected to a voltage regulator located internally in the DB-9 housing.

Plug the connector into the radio or into a standard cable connected to the radio.

Turn on the radio while watching the green lamp. The lamp will be on for about 3 seconds and then start flickering. The flickering will last for about 5 seconds.

The default-configuration plug must be removed during this 5 second period in order to force the radio to the default configuration. The green lamp may start flashing about twice a second, but that is easily distinguished from the very rapid flickering.

Connect the terminal to the radio after the flickering has stopped.

The radio now has all parameters set to the factory default values, and the radio issues the "configuration overrule" signal immediately after the flickering has stopped, but this will not show up on the terminal since it is not connected at that moment.

The power-up configuration can be activated for any of the three groups of parameters (baud, facilities, profile) by executing the command(s) Baud Initial, Facilities Initial, or Profile Initial.

Execute the appropriate command(s) in order to check or modify the power-up configuration. (Modify with "Write").