

# Restore Defaults

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## Contents

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<b>Abstract .....</b>	<b>1</b>
<b>DIP Switch Method.....</b>	<b>1</b>
<b>X-CTU Software Method .....</b>	<b>1</b>
<b>Contact Information .....</b>	<b>2</b>

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## **Application Note**

**XST-AN011a**

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## Abstract

If a radio modem is not responding or cannot enter into "AT Command Mode", restore the radio modem to its default settings by following one of the two methods outlined in this document.

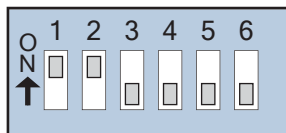
## DIP Switch Method

**Note:** If using XCite radio modems, only the "X-CTU Software Method" will restore all defaults.

If using an XIB-R (RS-232/485) interface board (features six DIP switches next to the Configuration Switch), use the DIP Switch method. XStream PKG-R RS-232/485 RF Modems contain the XIB-R interface board and also support this method.

1. Power off the radio modem.
2. Set switches 1 & 2 of the DIP Switch to the on (up) position and all other switches to the off (down) position. [Figure 1]
3. Power on the modem for at least 1 second.  
→ The radio modem's default parameters should now be restored and saved to non-volatile memory.
4. To return the radio modem to the desired communication mode: Power off the modem, return DIP Switch settings\* to operating positions, then power on the modem.

**Figure 1.** DIP Switch "Restore Defaults" settings



\* For more information on DIP Switch settings, see the "XStream PKG-R RS-232/485 RF Modem" Product Manual. This manual can be viewed and downloaded online at [www.maxstream.net/support/](http://www.maxstream.net/support/).

## X-CTU Software Method

**Note:** Always use this method when using XCite radio modems.

Use the "Restore Defaults" button on X-CTU, MaxStream's Configuration & Test Utility software. For the latest version of X-CTU Software, go to the "Software" section of the following web page:  
<http://www.MaxStream.net/support/>.

1. Connect the MaxStream radio modem to a PC and launch the X-CTU Software.
2. Click the "PC Settings" tab and select the PC COM port that will be used.
3. Click the "Modem Configuration" tab then click the "Restore Defaults" button.
4. If a dialog box appears indicating action is required, please follow the on-screen instructions. When successful, status is indicated by the following message: "Restore Defaults...complete."  
→ The radio modem's default parameters should now be restored and saved to non-volatile memory.

## Contact Information

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Please use the following resources for additional support:

Documentation	<a href="http://www.maxstream.net/support/">http://www.maxstream.net/support/</a>
Technical Support	Live Chat: <a href="http://www.maxstream.net">www.maxstream.net</a>
	Phone: (801) 765-9885
	Toll Free: (866) 765-9885 (U.S. and Canada)
	E-Mail: <a href="mailto:support@maxstream.net">support@maxstream.net</a>

MaxStream office hours are 8:00am – 5:00pm [U.S. Mountain Standard Time]