

## AT Fax Commands

This faxmodem implements the following commands and functions associated with its fax capability.

The following commands will never be used directly in the operation of your faxmodem. They will be issued from your fax software, which provides a user friendly interface for fax options.

For those interested in fax software development, more detailed descriptions of the commands shown below and other important information relating to control of the fax hardware can be obtained from the Telecommunications Industry Association, located at 1772 Eye Street NW, Suite 440, Washington, DC, 20006 Ask for information about EIA-578 Service Class 1 commands.

AT FAX COMMANDS	
COMMAND	FUNCTION
+FAA=n	Data/fax auto answer. Configures faxmodem to detect whether an incoming call is data or fax. n = 0 Disable data/fax auto answer. Faxmodem answers according to the +FCLASS setting. n = 1 Enable data/fax auto answer mode.
+FCLASS=n	Select service class. n = 0 Return to data mode. n = 1 Fax Class 1
+FF=n	Enhanced flow control for data transfer between DTE and DCE. n = 0 Disable enhanced flow control interface. In this mode, data transfer is compatible with the EIA-578 standard. n = 1 Enable enhanced flow control.
+FRH=n	Receive data with HDLC framing. Off-hook use only. n = 0
+FRM=n	Receive data. Off-hook use only. n = 24 or 48 (for 2400 and 4800).
+FRS=n	Receive silence. Off-hook use only. n = 0, Specifiable in 10 ms intervals.
+FRTn	Receive test data. Faxmodem goes off-hook and begins modulating received data at specified rate. n = 24 or 48
+FTH=n	Transmit data with HDLC framing. Off-hook use only. n = 3
+FTM=n	Transmit data. Off-hook use only.

	n = 24, 48, 72, or 96
+FTS=n	Stop transmission and wait. Off-hook use only. n = 0, specifiable in 10 ms intervals
+FTTn=m	Transmit test data. n = rate, m = pattern n = 24, 48, 72, or 96 m = 0, ASCII data (20H - 7FH sequential) m = 1, All zeros m = 2, All ones m = 3, Alternate 10 m = 4, Sliding 0 (01111) m = 5, Sliding 1 (00001)
+F<command>?	Report active configuration. Responses are: +FAA? 0 = auto-answer disabled 1 = auto-answer enabled +FCLASS? 0 = data mode 1 = fax Class 1
+F<command>=?	Report operating capabilities for a given command. Alternatively, the command +F <command> = <parameter>? interrogates the faxmodem as to whether a particular function is supported.

(smc-01/10/94)