Tech Notes

A&D MERCURY PTY. LTD.

TN – X-STREAM01

ADM X-STREAM SETUP

Hardware Connections

The ADM X-Stream is supplied complete with a cable to connect to a PC and a cable to connect to an A&D Indicator/Scale with a DB9 connector. See identification labels on packaging. Ensure the cable is connected securely between the Indicating device and the ADM X-Stream RF Modem. Ensure the other ADM X-Stream RF Modem is connected securely to the RS-232C serial port of your Computer or other peripheral device.

Communication settings of the connected equipment.

The ADM X-Stream communication settings are preset.
Please set the connected equipment as follows.

Baud rate	**= 9600bps**
Parity check	**= Not used**
Character length	**= 8bits**
Stop bits	**= 1bits**

Table 1. RS-232 Signals and their implementations on the XStream RF Modem

(Low-asserted signals are distinguished by horizontal line over pin name.)

DB-9 Pin	RS-232 Name	AT Command Reference*	Description	Implementation
1	DCD	DO3	Data-Carrier-Detect	Connected to DSR (pin6)
2	RXD	DO	Received Data	Serial data exiting the RF Modem (to host)
3	TXD	DI	Transmitted Data	Serial data entering into the RF modem (from host)
4	DTR	DI3	Data-Terminal-Ready	Can enable POWER-DOWN on the RF Modem
5	GND	-	Ground Signal	Ground
6	DSR	DO3	Data-Set-Ready	Connected to DCD (pin1)
7	$\overline{\text{RTS}}$ / CMD	DI2	Request-to-Send	Provides $\overline{\text{RTS}}$ flow control or enables "Command Mode" on the RF Modem
8	$\overline{\text{CTS}}$	DO2	Clear-to-Send	Provides $\overline{\text{CTS}}$ flow control
9	RI	-	Ring Indicator	Optional power input that is connected internally to the positive lead of the front power connector

INSTRUCTION MANUAL

PLEASE NOTE:
THE INSTRUCTION MANUAL CAN BE DOWNLOADED FROM THE DEALER SECTION OF THE A&D MERCURY WEB SITE: http://dealers.andmercury.com.au/
Log in and click on Manuals then select Instruction Manuals, "Other"