

Ref: FAQ0303

Version: 1.0

Title-Multilog LX -Radterm SMS to GPRS

Made By: AB 22/09/15 (

(Issue 2)

How to convert a Multilog LX from SMS to GPRS operation using Radterm software

Radterm Software can be found in the Radwin software folder identified by the Icon -

📟 Term.exe

HWM Customer Services can provide the correct .ini file on request.

First save the .ini file to the Radwin software folder on your PC. Double click on the Radterm Icon to open the software. Select the COM port your PC is using to communicate with the logger. Set a Baud rate of '9600', Echo 'On' and CR>CRLF 'On'



1. First press 'Check' the ..PDAC command to the logger and check whether it is set to SMS or GPRS -

		Radcom Terminal V1.08	
Coms Port	3 ▼ at 9600 ▼	· · PDAC . · PDAC	. 9
Operation	GPRS to SMS		
Clear	L Leho ♥ CR→CRLF ♥ Manchester □ Binary □	[FW-102-001V3_05.hex] MULTILOG LX+ 18F Version 03.05 08-08-11 Config:SMS 4 TELIT GC864 CC off	
SET GPRS		Flight mode inactive	
SET SMS		Modem power 24-7 with ext power: No	
Check	PDAC	Radwin comms UNLOCKED	
Send		GSM Audit window time: 15:00 An cal type: 2 pnt	
Send		Data sent via !!!INVALID!!! OL off Alarms sent via SMS or GSM	
Send		IMEI: 359551031139420	
Send		SNO: 014171	
Send	1	DOM: 03-06-11	
Send	1	Channel no: 01 flow input mapped to 01	
Send		Channel no: 02 Status CL mapped to 01 Channel no: 03 not fitted mapped to 03	
Send		Channel no: 04 not fitted mapped to 04	
Send		Int baud : 9600	
Send	- / '	Bat: 6.7V DONB: 03-06-11	
Send			
Send	1	WD: 00 Fifo: 00	
Send			
Send		***************************************	
Send	-		
Send			
Send			



2. If you then want to convert from SMS to GPRS then 'Send' the SET GPRS command to the logger

<u></u>	
Coms Port	3 - at 9600 -
Operation	GPRS to SMS
Clear	Echo 🔽 CR->CRLF 🔽 Manchester 🗖 Binary 🗖
SET GPRS	0005035PDAEW^M
SET SMS	00050FFPDAEW^M
Check	PDAC
Send	
Send	

Then repeat pressing the 'Check' to send the ..PDAC command and check it is now configured for GPRS as below.

		Radcom Terminal V1.08 – 🗖 🔀
Coms Port Operation	3 v at 9600 v RADCON	PDAC PDAC
Clear SET GPRS SET SMS	Echo Image: Character and the character and	**************************************
Check Send	PDAC	Radwin comms UNLOCKED GSM Audit window time: 15:00 An cal type: 2 pnt
Send Send Send		Data sent via UDP OL on Alarms sent via UDP IMEI: 359551031139420
Send Send Send		SNO: 014171 DOM: 03-06-11
Send Send		Channel no: 01 flow input mapped to 01 Channel no: 02 Status CL mapped to 01 Channel no: 03 not fitted mapped to 03 Channel no: 04 not fitted mapped to 04
Send		Int baud : 9600
Send Send	1	Bat: 6.7V DONB: 03-06-11
Send		UD: 00
Send		Fifo: 00
Send Send		
Send	<u></u>	
Send		· · · ·



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3. To convert back to SMS then press the SET SMS command. Then press 'Check' to send the ..PDAC command to confirm.

	Radcom Terminal V1.08 – 🗆 🗙				
Coms Port Operation	3 → at 9600 → GPRS to SMS → P4DCON	PDAC PDAC	~		
Clear	Echo	**************************************			
SET GPRS	0005035PDAEW^M	Flight mode inactive			
SET SMS	00050FFPDAEW^M	Modem power 24-7 with ext power: No			
Check	PDAC	Radwin comms UNLOCKED GSM Audit window time: 15:00			
Send		An cal type: 2 pnt			
Send		Data sent via !INVALID! OL off Alarms sent via SMS or GSM			
Send		INEI: 359551031139420			
Send		SNO: 014171			
Send		DOM: 03-06-11			
Send		Channel no: 01 flow input mapped to 01 Channel no: 02 Status CL mapped to 01			
Send		Channel no: 03 not fitted mapped to 03 Channel no: 04 not fitted mapped to 04			
Send		Int baud : 9600			
Send					
Send		Bat: 6.7V DONB: 03-06-11			
Send		themes have			
Send		WD: 00 Fifo: 00			
Send		******			
Send			~		
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Document History:

Edition	Date of Issue	Modification	Notes
1st	06/02/13	Release	
2nd	22/09/15	Format update	