

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 -

E	Radcom Terminal V1.08 – 🗖		
Coms Port Operation	3 at 9600 P4DCON	PDAC PDAC	>
Clear SET GPRS	Echo ▼ CR->CRLF ▼ Manchester □ Binary □ 0005035PDAEW^M □ □ □	(FW-102-001V3_05.hex] MULTILOC IX+ 18F Version 03.05 08-08-11 Config:SNS 4 TELIT GC864 CC off Flight mode inactive	
SET SMS		Modem power 24-7 with ext power: No	
Check		Radwin comms UNLOCKED	
Send		GSM Audit window time: 15:00 An cal type: 2 pnt	
Send	1 T	Data sent via (!!INVALID!!! OL off	
Send		IMEL: 359551031139420	
Send	1		
Send	1	SNO: 014171 DOM: 03-06-11	
Gend		Channel no: 01 flow input mapped to 01	
Send	1	Channel no: 02 Status CL mapped to 01 Channel no: 03 not fitted mapped to 03	
Cend		Channel no: 04 not fitted mapped to 04	
		Int baud : 9600	
Send		Bat: 6.7V	
Send		DONE: 03-06-11	
Send		up. 00	
Send		Fifo: 00	
Send		************	
Send			
Send		Í la	
Send			
Send			~



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

—	
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 - at 9600 - PADCON	PDAC PDAC				
Clear SET GPRS	Echo V CR->CRLF V Manchester Binary I I.0005035PDAEW^M	**************************************				
SET SMS	00050FFPDAEW^M	Modem power 24-7 with ext power: No				
Check	IPDAC	Radwin comms UNLOCKED				
Send		An cal type: 2 pnt				
Cend		Data sent via UDP OL on Alarms sent via UDP				
Send		IMEI: 359551031139420				
Send		SNO: 014171				
Send	1	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		Bat: 6.7V				
Send		DONE: 03-06-11				
Send		WD : 00				
Send		Fifo: 00				
Send		***************************************				
Send						
Send						
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 → PADCON	PDAC PDAC	~		
Clear	Echo	**************************************			
SET GPRS		Flight mode inactive			
SET SMS	00050FFPDAEW^M	Modem power 24-7 with ext power: No			
Check	PDAC	Radwin comms UNLOCKED			
Send		An cal type: 2 pnt			
Send		Alarms sent via SMS or GSM			
Send		IMEI: 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			
Send		Tet band - 9600			
Send		Detro 6 20			
Send		DONB: 03-06-11			
Send		many and			
Send		WD: 00 Fifo: 00			
Send		*****			
Send			~		

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1st	06/02/13	Release	
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