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Record of Amendments

Keep this record in the front of the User Manual. When the document has been amended write the amendment number, the date, the paragraph numbers affected by the amendment and your initials in the table below.

Amendment Number	Amendment Date	Reason for Re-Issue (Paragraph Number (s) Amended)	Amended by	
1.0	27 Feb 08	First Draft	AMB	

Alarm Programmer a	and Receiver
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Alarm Programmer and Receiver Basics

Radcom data loggers can be programmed with Alarm Levels. Be it pressure, flow or any other form of data - when these levels are exceeded the logger will dial (alarm out to) a predetermined phone number (or numbers).

The Alarm Receiver program requires a dedicated phone line and communication port on the PC (usually attached to PSTN a modem). While the Alarm Receiver is running the communication port and modem can not be used by any other program.

Alarms from Multilog LX data loggers are received via an SMS modem through Autocall. Autocall receives the SMS message, and then passes it on to Alarm receiver.

These instructions will guide you through setting alarm levels in a logger, and then illustrating how they will be dealt with in the Radcom software.



Running Alarm Programmer and Alarm Receiver





Alarm Receiver start up errors



When you start Alarm Receiver you may see this error message. This is due to no communication port being selected for Alarm Receiver.

For detailed instructions about setting up ports see the Radwin Setup manual.



Double click the communication port which you have allocated to receive alarms. Remember that while alarm receiver is running the port can not be used by any other application.

Configure Port		X
Select Enat specified wi	ole Port to use this port with Alarm R nich determines how this port is use	leceiver. A Connection Type must be d to talk to loggers. The default baud rate 😽
Port Configuration		
Enable Port:	Connection Type:	Default Baud Rate:
🗆 сомз	Modem	I 🖉 300 I I
l		
		OK Cancel

Select Enabl specified wh	le Port to use this port with Alarm Red ich determines how this port is used I	ceiver. A Connection Type must be to talk to loggers. The default baud rate
Enable Port:	Connection Type: Modem	Default Baud Rate:
	Modem Paknet Modem Direct Logger (PS 222)	

Configure Port		×
Select Ena specified v	ble Port to use this port with Alarm F which determines how this port is use	Receiver. A Connection Type must be ad to talk to loggers. The default baud rate 💟
Enable Port:	Connection Type: Modem	Default Baud Rate:
		OK Cancel

Enable the port by ticking the box and select the device which will receive the alarms (in this example a modem). The default baud rate should be set to the highest expected. Click OK to save settings. Then click OK to close the System Configuration window. Finally close Radwin Setup and re-run Alarm

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Programming Alarm Levels

Download Current Alarm Settings

Step 1

Connect your logger to the PC via its direct communication cable.

Step 2

Run Radcom Alarm Programmer.

Step 3	
🔣 Radcom Alarm Programmer	
File View Comms Configuration Start Help	
Click the Download	Alarm Data icon
Step 4	
Download Configuration	
Logger Location Type: Multilog Baud: 219200	
Connection: Direct (RS232)	
Number:	
Pager Number:	
Cano	Check the connection type is Direct (RS232).
	You will need to select the correct logger
	type and baud rate using the dropdown
Zone	menus.
Location	Click Next
Type: 🚺 Multilog 💽 🛃 🛃 19200	Click Next.
Connection:	
Connection: K Multilog Flash GSM/SMS	
Number: MultiligitX Pager Number:	
Next >> Canc	el

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Step 5

Download Options	
Options Alarm Parameters Alarm Conditions, Levels, Telephone Numbers, Comments Alarm Profiles	At this stage you only need to download Alarm Conditions, Level, Telephone Numbers and Comments by ticking the top box.
Alarm Report Alarm Occurances Min/Max Data Profile Exceeances	If the logger you are trying to download is able to store alarm profiles then the tick box will be available to use. Click the box if you wish to download the stored profiles in the logger.
Car	Then click OK
Downloading	
S 2 2	Wait for communications to finish.
Estimated Time Remaining: 2 Seconds	bort

	Multilog	LX Alarm Co	onfiguration :11				
ſ	Levels Tel	Numbers Cor	nments				
	Channel		Upper	Lower	Minimum Night		
	b 01 (Flor	w - Litres/Sec] w - Litres/Sec]	0.000000 0.000000	0.000000	0.000000		
						The cu logger	urrent alarm settings from the will be displayed.
4	Alarm	Channel	Туре:	Telephone	Persistence	<u> </u>	
4	<u>b</u> 01	01	LUAE - Lower or Upper Al	01 - "	1 Out Of 1 Ocuur	ances 🗧 🗧	
4	A 02	01	LUAE - Lower or Upper Al	01 - "	1 Out Of 1 Ocuur	ances 📃	
4	b 03	01	LUAE - Lower or Upper Al	01 - "	1 Out Of 1 Ocuur	ances	
4	b 04	01	LUAE - Lower or Upper Al	01 - "	1 Out Of 1 Ocuur	ances	
	205 0.00	01	LUAE - Lower or Upper Al	01."	1 Out Of 1 Ocuur	ances	
4	06	UI	LUAE - Lower or Upper Al	UI - "	1 Uut Uf 1 Ucuur	ances 💌	
				Sa	ave Upload	Cancel	

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Changing the Alarm settings

Levels

Each recording channel has an upper, lower and minimum night alarm level.

To access the level settings click the Levels tab.



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Telephone Numbers to Call

The logger can alarm out to several different numbers. If the logger alarms out to a PC running Alarm Receiver, then the information will be processed by Radwin. If you program a normal mobile phone number into the list then it will be called or receive a text message with alarm information depending on what type of logger is alarming out.

To access the alarm out telephone numbers click the Tel Numbers tab



Continued...

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W Multilea I V Alarm Configuration 1 1	
Levels Tel Numbers Comments	
Desilian	
Position Number Number No. 07788778877	
204	
> 03 > 06	If you wish to program more than one number
	just click the next available empty line and
08	follow the instruction as previously stated in
Ø 09 ≫ 10	this section
30 10	this section.
Alarm Channel Type: Telephone	For Radwin to be able to process the
1 01 LUAE - Lower or Upper Al 01 - '07788778877'	messages one of these numbers must be the
1 LUAE - Lower or Upper Al 01 - '07788778877'	modem on the DC which runs Alarm Bessiver
▲ 03 01 LUAE - Lower or Upper Al 01 - '07788778877'	modern on the PC which runs Alarm Receiver.
A 05 01 LUAE - Lower or Upper Al 01 - 07788778877	1 Out Of 1 Ocuurances
6 01 LUAE - Lower or Upper Al 01 - '07788778877'	1 Out Of 1 Ocuurances 💽
Save	Upload Cancel
NM to the second s	
Hultilog LX Alarm Configuration :11	
Multilog LX Alarm Configuration :11 Levels Tel Numbers Comments	
Image: Second system Multilog LX Alarm Configuration :11 Levels Tel Numbers Comments Number	
Image: Second system Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number Image: Second system 01 07788778877	
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number Ø 01 07788778877 Ø 02 07777889888	
Multilog LX Alarm Configuration :11 Levels Tel Numbers Comments	
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number Ø 01 07788778877 Ø 02 07777888888 Ø 03 04 Ø 05 05	Example:
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number Ø 01 07788778877 Ø 02 07777888888 Ø 03 Ø Ø 04 Ø Ø 05 Ø Ø 06	Example: Alarm programmer with two
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788778877 02 07777889888 03 04 05 06 06 07	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788778877 02 07777888888 03 04 05 06 07 08	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788778877 02 07777888888 03 04 05 06 07 08 09 10	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788776877 02 07777886888 03 04 05 06 07 08 09 10 11 1	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788776877 02 077777888888 03 04 05 06 07 08 09 10 11 12	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788778877 02 07777888888 03 04 05 06 07 08 09 11 12 12	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788778877 02 07777888888 03 04 05 06 07 08 09 11 11 12	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Comments	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Comments	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Comments	Example: Alarm programmer with two telephone numbers listed
Multilog LX Alarm Configuration :11 Levels Tel Numbers Position Number 01 07788778877 02 07777888888 03 04 05 06 07 08 08 09 11 12 Alarm Channel Type: Telephone 01 01 LUAE - Lower or Upper AL 01 - '07788778877' 03 01 LUAE - Lower or Upper AL 01 - '07788778877' 03 01 LUAE - Lower or Upper AL 01 - '07788778877' 03 01 LUAE - Lower or Upper AL 01 - '07788778877' 04 01 LUAE - Lower or Upper AL 01 - '07788778877' 05 01 LUAE - Lower or Upper AL 01 - '07788778877' 05 01 LUAE - Lower or Upper AL 01 - '07788778877' 06 01 LUAE - Lower or Upper AL 01 - '07788778877'	Example: Alarm programmer with two telephone numbers listed

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Alarm Conditions

Having programmed phone numbers into the logger, you also need to set the alarm conditions which will cause the numbers will be dialled. These alarm levels are accessed from the Tel Number tab.



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Cancel

ΟK



Alarm Configuration Update	
Alarm Configuration 01 Status: Enabled Channel:	Pick the type of exceedance which will cause this alarm.
Alarm Configuration Update Alarm Configuration 01 Status: Enabled Channel:	If you have programmed in more than one phone number you can pick which one the logger will send a message to.
Alarm Configuration Update Alarm Configuration 01 Status: Enabled Channel: Ype: Tube: Telephone: 01 - '07788778877' Persistence: 1 - Out Of 2 3 4 5	Select how persistent the alarm level has to be before the logger alarms out.

An enabled alarm will not have a red cross next to it.

Alarm	Channel	Туре:	Telephone	Persistence
🙏 01	01	UAE - Upper Alarm Level	02 - '07887887788'	1 Out Of 1 Ocuurances
1 102	01	LUAE - Lower or Upper Al	01 - '07788778877'	1 Out Of 1 Ocuurances
Ab 03	01	LUAE - Lower or Upper Al	01 - '07788778877'	1 Out Of 1 Ocuurances
Ab 04	01	LUAE - Lower or Upper Al	01 - '07788778877'	1 Out Of 1 Ocuurances
1 10 10 10 10 10 10 10 10 10 10 10 10 10	01	LUAE - Lower or Upper Al	01 - '07788778877'	1 Out Of 1 Ocuurances

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Profiles

On some loggers it is possible to program alarm profiles. Use this when you expect your data to follow a predicted pattern. If the data deviates from this pattern the logger will alarm out.

Click the Profiles tab to start the configuration process.

-	" Multilee Elseh CSM/SMS Alarm Capfing ation : 20000								
÷	- Multilog Flash GSM/SMS Alarm Configuration :20000								
L	Levels Tel Numbers Comments Profiles								
	🖄 Channel 01 💌 🛲 Monday 💌 Copy Import From Radwin Import ASCII								
	🔲 1 🛛 Pres	sure - Metres	Head Lower						-
	0.5 0.0 -0.5								
	-1.0								
	00:00:00	1	06:00:00	12:0	00:00	18:0):00	00:00:00	
	GMT Monday		Monday	Mor	ndaγ	Mon	day	Monday	-
	Time:	Lower	Upper				<u>^</u>		
	🤣 01:00	0.000000	0.000000						
	Ø2:00	0.000000	0.000000						
	🤌 03:00	0.000000	0.000000				✓		
Ē	Alarm Ch	annel Tu	vne:		[elenhone		Persistenc	e (
17	01 02	 LL	JAE - Lower or I	Joper Al (01 - '+44791	299665'	1 Out Of 1	Ocuurances	
1	02 01	LL	JAE - Lower or I	Jpper Al (01 - '+44791	299665'	1 Out Of 1	Ocuurances	
1	δ <u>0</u> 3 01	LL	JAE - Lower or I	Jpper Al (01 - '+44791	299665'	1 Out Of 1	Ocuurances	
1	60 01	LL	JAE - Lower or I	Upper Al (01 - '+44791	299665'	1 Out Of 1	Ocuurances	
4	b05 01	LL	JAE - Lower or I	Upper Al (01 - '+44791	299665'	1 Out Of 1	Ocuurances	
4	b 06 01	LL	JAE - Lower or I	Jpper Al (01 - '+44791	299665'	1 Out Of 1	Ocuurances	~
						Save	Upload	Cance	

If the logger has never been configured with profiles, or you did not download the profile information then you should see a straight line on the graph (see above).

Levels Tel Numbers	Comments Profiles	Comments Profiles
\Lambda Channel 01 💌	Monday 💌	- 📠 Monday 💌 📃
🚣 Channel 01	Metres Head Lower	- M 🎹 Monday
\Lambda Channel 02		— 🛲 Tuesday —
🔊 Channel 03		- Wednesday
🔊 🕰 Channel 04		
-1.0		🛲 Friday
	00.00	
OU:00:00 GMT_Mopday	UU:UU:OU Mondey	🛲 Sunday
Ciwit Moliday	monuay	wer Every Day

A different profile can be set for each channel and for each day if required.

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These instructions will describe how to import information from data already collected in Radwin.

Levels Tel Numbers Comments Profiles Channel 01 Channel 01 Metres Head Lower Channel 03 Channel 04 -1.0 00:00:00 06:00:00 GMT Monday Monday 	Select the channel which for uploading profile information to.
Levels Tel Numbers Comments Profiles Channel 01 Image: Monday Copy 1 Pressure - Metres Head Lower 0.5	Import From Radwin
Import Profile From Radwin Import Data Select Data Source Using Radlog For Windows View Load Selected Data Source Data Source Identity: Data Filename: Required Start Date: 25/01/2008 Import Length: 1 Day(s) Starting on Day: Import Andrew Comparison	Click Select Data Source Using Radlog for Windows View

Radlog for windows View will now open.

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Radcom View Click the Open Data File icon 💹 File Download Options Gra 🕂 🔁 👬 📂 Location Select - Data File Type: Data File - Select the required Zone, followed by the required Location, followed by the required Data File from the list. To Edit, Delete, or Create a new item, select the 'Tools' ^ v and the second 💼 🛛 🗙 🛅 📰 • Cone/Location/Data * - * Data File Identity <mark>/2</mark>4 Name 🚸 __10 Automatically Generated Zone Data Time Period 🤣 _20 thames Double click the zone which contains the data f_{x} you need. Function Sets L10 Automatically Generated Zone ΟK Cancel 🛏 Location Select - Data File Type: Data File - Select the required Zone, followed by the required Location, followed by the required Data File from the list. To Edit, Delete, or Create a new item, select the 'Tools' ^ v a star * - * 😓 __10 : Automatically Generated Zone 🛍 🛛 🗙 🛅 🎟 🔹 Data File 12 Identity Name ~ ₩__7 ₩_10 Double click the location BR6 7BZ 86 Ladycroft Way Orpington Data Time BR6 8EU 9 Nutfield Way Orpington Period to access the data files ₩__29 ₩__94 64 Merlin Grove DA16 3DF 22 Elmfield Ct. Wickham St. you need. ₩ 112 ₩ 113 $\frac{1}{f_{x}}$ DA16 2BH "The Lodge Danson Lane" DA17 5BW 39 Kentish Road Belvedere Function Sets 116 DA6 8EN 4 Brunswick Road Bexleyheath ₩ 117 ₩ 141 DA6 8HG 22 Sydney Road Bexleyheath SE25 6EJ Flat 1 Bromfield Ct 10 Oliver Gr ¥ 146 SE16 5EG "Flat 5 406-438 Rotherhithe Street SE16 7LA 1/48 Aland Ct. Finland St" ΟK Cancel

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🐱 Location Sele	ect - Data File 📃 🗆 🔀
Type:	Data File - Select the required Zone, followed by the required Location, followed by the required Data File from the list. To Edit, Delete, or Create a new item, select the 'Tools'
Data File	🏋 _3 : BR6 6LF, 10 Highfield Avenue, Orpington 📃 🔀 🏣 🔹 🛠 🗸
Data Time Period	File Comment
	OK Cancel

The data files available for this location are listed here. Double click on the archive or manual file to view the data within.

Click the channels drop down menu to change the data which is viewed. By default it will display All Channels, but you need to select to just one channel from a multiple channel logger so that the correct information is imported into the alarm profile..

All Channels	•
Channel 01 -	
All Channels	

Load Data File				
Select a c the graph	lata channel, or all n should be update	data channels, to view. Selec d whenever new data is adde	t 'Enable L d to the se	ive Update' if 🔥 elected data 🖌
Identity				
Zone:	_100	ESSEX AND SUFFOLK		
Location:	_01	DOWNHAM RES 14446		
File:	A0004	DOWNHAM RES 14446		
Channel:	Channel 01 -		•	Advanced >
🔽 Load Stored Te:	×t			
🔲 Enable Live Upd	late		ОК	Cancel

Click OK to view the data.

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	_															
R R	adcor	n View	v V4.46	[Grap	h 1]											
👯 F	ile Do	ownload	Options	Graph O	ptions Data	a Options	Advanced C	onfiguration	Start V	Vindow	Help					- 🗗 ×
0	Ē	5	<mark>48</mark> 🔁	$\langle \mathbf{X} $	■ 1 · _10	0_01 : DOV	/NHAM RES	14446 : A000	4 : Chan	- 🤤	Cursor V	′alues 👱		I		
	1	Press	ure: _100	0_01 : DC	WINHAM RE	S 14446 : A	0004 : Chann	el 1 : DOWNH.	AM RES 1	4446				Cursor:	06:45:00 0	8/02/2008
Ø		1												1	5.500	
õ		5.5														
		1						4		\sum_{n}	\neg					
		5.0			_					~1	/ VY	~~ <u> </u>	7			
						<u> </u>		1								
		4.5														
12																
A		4.0														
X	Head	3.5														
	rest	-														
¥	Met	3.0														
5	- ann															
1	ress	2.5														
	L															
		2.0														
		1.5														
		-														
		1.0														
		0.5														
		0.0] 12:45	5:00 15	45:00	18:45:00	21:45:00	00:45:00	03:45:00	06:45	:00 '	09:45:00	12:45:00				
	GMT	07/02/	2008 07/0	02/2008	07/02/2008	07/02/200	8 08/02/200	8 08/02/2008	3 08/02/2	2008 0	8/02/2008	08/02/2008		<		>
	Curson	r: 06:45	:00 08/02/	2008 Fric	lay						Logger	Time: 27/0	2/2008 1	2:44:37	NUM	11

Now click Alarm Programmer to bring it back in front of View.

Click Load Selected Data Source

Import Profile From Rad	win 🔀
Import Data	
Select Data Source	e Using Radlog For Windows View
Load	Selected Data Source
Data Source Identity:	
Data Filename:	
Required Start Date:	25/01/2008 🗸
Import Length:	1 Day(s)
Starting on Day:	🛲 Monday 💌
	OK Cancel

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mport Profile From Radwin 🛛 🛛 🔀					
Import Data					
Select Data Source	e Using Radlog For Windows View				
Load	Selected Data Source				
Data Source					
Identity:	_100_01				
Data Filename:	A0004001.01D				
Required Start Date:	07/02/2008 🔻				
Import Length:	1 Day(s)				
Starting on Day:	📰 Monday 💌				
	OK Cancel				

After clicking Load Selected Data Source you should see information in the Data Source information boxes.

The Identity number of the logger.

The Data Filename.

The required Start data is taken from the beginning of the graph, but you can select a different day by using the drop down menu.

You can import up to seven days of data using the drop down menu.

Select the day into which this information should be imported into using the drop down menu.

Click OK to import the data.

Create Profiles From	1 The Selected Data		3	
Data Summary	Minimum Value:	Maximum Value:		The alarm levels for the profile can
Upper Profile	62.150002	63.525002 59.525002		be set here.
Lower Profile	52.150002	53.525002		Apply a fixed offset here.
- Apply Offsets to Profiles	Upper Profile	(+) Lower Profile (-)		The upper and lower alarm levels
Apply Fixed Offset:	5	5		will be 5 units higher and 5 units
C Apply Percentage	Offset 10.000000	10.000000		lower than the level of the data respectively.
		OK Cancel		

Click OK to continue.



Ľ	T Multilog Flash GSM/SMS Alarm Configuration :20000									
l	Levels Tel Numbers Comments Profiles									
	Copy Import From Radwin Import ASCII									
	1	Press	ure - Metre	s Head Lower						
		40 -								
		20								
		<u>م</u>								
	our	00:00:00		06:00:00	12:1	00:00	18:00:	00 '	00:00:00	
	GMT	Monday		Monday	MO	пааү	Mond	aγ	Monday	- 1
	Time:		Lower	Upper	-					
	100	1:00	62.799999	3 52.799999						
	20 0	2:00	62,900002	2 52,900002						
	<u> ~~ 0</u>	5.00	03.023002	33,023002	-			×		
	Alarm	Cha	nnel	Туре:	· · ·	Telephone		Persistence		~
4	<u>)</u> 01	02		LUAE - Lower or	Upper Al	01 - '+44791	299665'	1 Out Of 1 O	cuurances	=
4	b 02	01		LUAE - Lower or	Upper Al	01 - '+44791	299665'	1 Out Of 1 O	cuurances	
4	6 03	01		LUAE - Lower or	Upper Al	01 - '+44791	299665'	1 Out Of 1 O	cuurances	
4	04	01	I	LUAE - Lower or	Upper Al	01 - '+44791	299665'	1 Out Of 1 O	cuurances	
4	05	01		LUAE - Lower or	Upper Al	01 - '+44791	299665'	1 Out Of 1 O	cuurances	
14	06	01		LUAE - Lower or	Upper Al	J1 - '+44791	299665'	1 Out Of 1 O	cuurances	~
							Save	Upload	Cance	

An alarm profile has now been imported into the software as you can see on the graph above. It shows the upper level in green and lower in purple.

This only applies to one day. Click every day to see the profiles for the rest of the week.

🗶 Multilog Fla	sh GSM/SM	S Alarm Conf	iguration :	_20000				\mathbf{X}
Levels Tel Num	ibers Comme	ents Profiles						
Channel 01	•	ven Dau	Copy	Import Fre	om Radwin	Import.	ASCII	
		Head Lower						
40								
20								
<u></u>	1							
00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	
GMT Monday	Monday	Tuesday	vvednesda	/ Thursday	Friday	Saturday	Sunday	-2
1me:	Lower					2		
√ 17:00	0.000000	0.000000						
(T) 10:00	0.000000	0.000000						
	0.000000	0.000000				*		
Alarm Cha	innel Ty	ipe:	Tel	ephone		Persistence		~
🙏 01 02	LL	JAE - Lower or U	pper Al 01	- '+447912996	65'	1 Out Of 1 Ocu	urances	
Ab 02 01	LL	JAE - Lower or U	pper Al 01	- '+447912996	65'	1 Out Of 1 Ocu	urances	
A 03 01	LL	JAE - Lower or U	pper Al 01	- '+447912996	65'	1 Out Of 1 Ocu	urances	
A 01	LL	JAE - Lower or U	pper Al 01	- '+447912996	65'	1 Out Of 1 Ocu	urances	
Apr 05 01	LL	JAE - Lower or U	pper Al 01	- '+447912996	65'	1 Out Of 1 Ocu	urances	
J 🔥 06 01	LL	JAE - Lower or U	pper Al 01	- '+447912996	55'	1 Uut Of 1 Ocu	urances	×
				0		T I S I S S S	Coursel	



It is possible to copy this profile to other days. Change the view back to Monday, then Click Copy.

onok oopy.		
Levels Tel Numbers Comments Profiles	A	
\Lambda Channel 01 💌 🌆 Monday 💌	Сору	Import From Radwin
1 Pressure - Metres Head Lower 0.5		

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Copy Profile	
Copy Monday Profile To:	
 ✓ Tuesday ✓ Wednesday ✓ Thursday ✓ Friday ✓ Saturday ✓ Sunday 	OK Cancel

Tick the days that you wish to copy the profile to.

Click OK

Now change the view again so that you can see the profile for every day and you should see the graph fills the screen.

💥 Multilog Fla	sh GSM/SM	S Alarm Con	figuratio	n :2000	0			X
Levels Tel Num	nbers Comme	ents Profiles						
A Channel 01		varu Dau	Cop		ort From Radwin	I Import	ASCIL	
	Sura Matras	Head Lower						-
	sure - metres							
40			86 - 13				-	
20			13 14					
의								
GMT Monday	00:00:00 Monday	00:00:00 Tuesday	00:00:0 Wedna	00:00:0 Ulasia de comunicación de comunicación de comunicación de comunicación de comunicación de comunicación de comu	JO 00:00:00 Jay Friday) 00:00:00 Saturday	00:00:00 Sunday	
Time:	Lower	Upper				~		-
3 17:00	62.375000	52.375000						
3 18:00	62.174999	52.174999				<u></u>		
🤣 19:00	62.150002	52.150002				~		
Alarm Cha	annel Tu	ine:		Telephone		Persistence	1	
	11100 13	IAF - Lower or L	Inner Al	01 - '+44791	299665'	1 Out Of 1 Ocu	urances	
Å 02 01	LL	IAE - Lower or l	Jpper Al	01 - '+44791	299665'	1 Out Of 1 Ocu	lurances	
A 03 01	LL	JAE - Lower or l	Jpper Al	01 - '+44791	299665'	1 Out Of 1 Ocu	iurances	
A 01	LL	IAE - Lower or l	Jpper Al	01 - '+44791	299665'	1 Out Of 1 Ocu	lurances	
Apr 05 01	LL	JAE - Lower or l	Jpper Al	01 - '+44791	299665'	1 Out Of 1 Ocu	iurances	
A 06 01	LL	JAE - Lower or l	Jpper Al	01 - '+44791	299665'	1 Out Of 1 Ocu	iurances	~
					Save	Upload	Cance	el 🔤

Repeat the process for every channel that you want profile alarms for.

Be sure to set up an alarm condition for the profile (page 13).

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Uploading to the logger

Save Upload Cancel Click Upload settings to the	d to send the ne logger.
Upload Configuration	
Logger Zone1 Location1 Type: \top Multilog LX Baud:	9600
Connection:	
Connection: Direct (RS232) GSM Data Number:	
Next >>	Cancel
Upload Options	
Alarm Conditions, Levels, Telephone Numbers, Comments Alarm Profiles All Channels	Make sure you tick the profiles box if you have configured them and your logger accepts them.
Uploading 🔀	
Comm 1 - 9600 Uploading	Wait for upload to finish
Estimated Time Remaining: 0 Seconds	

When uploading has finished you will be returned to the main Alarm Programmer window, and the conditions you have set will cause the logger to alarm out when they are exceeded.

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Receiving Alarms

Alarm Receiver must be running to receive alarm messages. Without alarm receiver running Radwin will not be able to process messages. Ideally Alarm Receiver should be left running at all times.



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Alarm Receiver with messages



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Audible Warning

If an alarm is received you can set the Alarm Receiver program to make an audible warning sound (working sound card and speakers required).

From the Configuration menu select Basic Configuration

👪 Radcom Alarm Receiver						
File Options	Configuration	Start Help				
%	Basic Config Advanced C	juration				
_		oringaracionin				

System Configur	ration : Alarm Receiver - Basic	×
Configure:	Alarm Receiver Options - Configure the alarm report displayed by the Alarm Receiver. A data download may also be requested (via Autocall) when an alarm is received. Note: SMS Alarm messages are	< >
Alarm Programmer	Database System Startup Alarm Receiver Ports Alarm Receiver Uptions Printing Data Download (Using Autocall)	
Alarm Receiver	Display Type Display Active Alarms Only C Last Day C Last Month C Last 6 Months	
Remote Autocall	Last Week Last 3 Months Last 12 Months	
Remote Alarm	Image: Constraint of the second se	

Alarm Receiver will play any WAV file as an audible alarm.

Tick the "Enabled" box and use the Browse button to select a WAV file. Select a repeat frequency from the drop down menu and the click OK.

When alarm messages are received the selected WAV file will play, and will be repeated at the interval you selected.

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Options for dealing with an alarm

Acknowledge Alarm

👬 F	Radcom Alarm Receiver											×
File	Options Configuration Start Help											
Q	Acknowledge Selected Alarms Export Alarm List											
Alar			🔬 Channel	🖧 Channel Type	🤌 Time	Δ	Loca		∆lar	m Rec	eiver	×
0		r Level	1	Flow	09/10/07	16:46:00	Alaı	W				
								Search:			→	



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Export Alarm List





Example exported alarm list...

Active11 Upper and Lower Level 1 Flow 09/10/07 16:46:00 Alarm Lo
--

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Start Other Radwin Programs



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