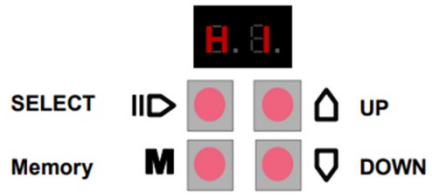
ADVANCED INSTRUCTIONS

Product code: 116-1168 Model: FSP500

FIRECHIEF®
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FIRECHIEF SITEWARDEN RF PRO SITE ALARM – FIRE AND FIRST AID

Advanced Instructions are for use only after the Quick Start Instructions have been followed and the product successfully set up.



HOW TO PROGRAM THE UNITS

1. Press the **SELECT** button twice to enter the menu.
2. The first menu option (SI) will appear, followed by its current value (e.g., 01).
3. Use the **UP and DOWN** buttons to adjust the settings.
4. Press **SELECT** to navigate through the menu options.
5. To save a setting, press and hold the **M** button. The display will show dashes moving from bottom to top, indicating the setting has been stored.

Site Number (SI) and Unit Number (UN) must be set using the quick start instructions prior to advance programming below.

LEVEL 1 SETTINGS

Name	Range	Default Setting	Description
SI	1 - 32	1	Site Number
UN	1 - 64	1	Unit Number
CP	3 - 65	60	Call Period
CR	0 - 64	0	Call Repeater. Beginning of group
CE	0 - 64	0	Call Repeater. End of group
NU	0 - 1	0	Master Unit
RF	0 - 5	1	Relay Function
TS	0 - 3	1	Tamper Selection
LS	0 - 1	1	Lost Signal Reporting

Call Period (CP)
The "CP" or Call Period represents how often the unit checks in with the bridge (central monitoring station). It can be set to a value between 3 and 65. Here's how it works:

- If the value is between 3 and 60, it represents the number of minutes between check-ins (with 60 being the default, meaning 1 hour).
- If the value is 61, the unit will check in every 1.5 hours.
- A value of 62 means a 2-hour check-in interval.
- 63 represents a 3-hour interval.
- 64 means the unit will check in every 4 hours.
- 65 sets the check-in interval to 5 hours.

Call Repeat. Beginning of group (CR) and Call Repeater. End of group (CE)
Where there are obstacles or great distances between units, it is recommended to select some units to act as repeaters. Keep this number to a minimum to minimise battery wastage.

You can set a unit to repeat calls from other units that otherwise may be out of range of the IP Bridge. EG: CR5 CE7. In this example, this unit only will repeat call messages from units 5,6 and 7.

Master Unit (NU)
Any unit can be set to be a master unit. In this mode, it will annunciate the same message as all the other units but with the addition of which unit in the system has been activated. Master units can also be used to reset the whole system. (0) is the default and this means the unit is not set to be a master unit. Set to (1) in order to set as a master unit. We suggest setting only one master unit in any series.

Relay Function (RF)
Relay 1 has volt free contacts that will change state on activation of an alarm. You can select to make it change state for the duration of the alarm or just for 1 second when the alarm commences. This relay can be assigned to Fire only, First Aid only or both Fire and First Aid.

Tamper Selection (TS)
This unit has two tamper sensors that will transmit to an IP Bridge and also activate the onboard Relay 2. The relay will close contact for 2 seconds during the tamper period. A 3-axis inertia sensor detects when the unit is repositioned or moved (accelerometer). A lid tamper detects when the unit's lid is removed. In the settings you can either disable or select either or both tamper sensors.

0 = No tamper
1 = Lid detection (default)
2 = Accelerometer (position change)
3 = Both Lid Tamper and Accelerometer

Lost Signal (LS)
If the unit cannot contact other units in the system, it will display lost signal by alternatively flashing the red and green LEDs around the buttons. Once communication has been restored, the flashing will stop.

If only one unit is used, then this setting should be set to off (0) otherwise it will continuously indicate lost communication.

LEVEL 2 SETTINGS

Advanced. We recommend using the default settings unless there is a specific requirement to change. Please take extra care when changing and test setting changes work as expected before use.

- To enter level 2, press and hold the **SELECT** button until the display now shows n1.
- Now press the **UP** button to go to n2.
- Use the **SELECT** button to scroll through the level 2 menu and the **UP/ DOWN** buttons to make changes.
- Press and hold **M** to store the settings. Wait for the dashes to move from the bottom to the top of the display.

Name	Range	Default Setting	Description
PA	1 -11	1	Playback on Activation FIRE
PD	0 - 11	0	Playback on Deactivation FIRE
PF	1 - 11	6	Playback on Activation FIRST AID
PE	0 - 11	0	Playback on Deactivation FIRST AID
PU	0 - 20	10	Fire Volume
FU	0 - 20	5	First Aid Volume
PS	0 - 99	1	Pattern Strobe light
NA	TIME	49	Number of Repetitions / Activation Fire
ND	TIME	3	Number of Repetitions / Deactivation
NF	TIME	10	Number of Repetitions / First Aid
NE	TIME	3	Number of Repetitions / First Aid End

ALARM FILES

Relevant for PA, PD, PF, and PE settings

1 Siren plus fire message (Male)
2 Siren plus fire message (Female)
3 Fire only message (Male)
4 Fire only message (Female)
5 Siren only
6 First aid requested (Male)
7 First aid requested (Female)
8 First aid request cancelled (Male)
9 First aid request cancelled (Female)
10 All clear (Male)
11 All clear (Female)

Playback on activation. FIRE (PA)
Sounds and messages that are played on activation of the Fire button are stored in the above file locations. The default file is (1) Siren plus fire message (Male). Choose also from 2,3,4 or 5. Avoid alarm files 6 – 11 for this setting.

Playback on deactivation. FIRE (PD)
Sounds and messages that are played on deactivation of the fire button. The default alarm file is (0) which means that there will be no message on deactivation. Select 10 or 11 to sound all clear on deactivation.

Playback on activation. First Aid (PF)
Sounds and messages that can be played on activation of the First Aid button. The default alarm file is (6) First aid requested (Male). 7 is alternative file option.

Playback on deactivation. First Aid (PE)
Sounds and messages that can be played on deactivation of the First Aid button – choose from either (8) or (9) alarm files to state that the first aid request has been cancelled on deactivation. The default file is (0) which means there will be no message played on deactivation.

Fire alarm playback volume (PU)
Set the Fire Alarm volume from 0 lowest to 20 loudest. The default file is (10)

First aid alarm playback volume (FU)
Set the First Aid request volume from 0 lowest to 20 loudest. The default file is (5)

Pattern of strobe light (PS)
Set the flashing LED sequence. (0) deactivates the strobe LED's. The default file is (1)

NUMBER OF REPETITIONS

1-40 is equal to the number of repetitions. A repetition is one play of a file. A file can contain sounds and speech and is limited to 180 seconds in length. Alternatively, choose from 41 to 50 to set a timed number of minutes the alarm file will play for instead. (0) or (50) are continuous. It is not recommended to use these settings as it will cause the battery life to deplete to the point they need to be replaced.

F**ire Alarm (NA)**
Fire Alarm End (ND)
First Aid (NF)
First Aid End (NE)

Battery status should be checked after a full alarm.

Fire/First Aid repetitions	
1-40	= Number of repetitions
41	= 1min
42	= 2min
43	= 3min
44	= 4min
45	= 5min
46	= 6min
47	= 7min
48	= 8min
49	= 9min
0/50	= Continuous

Warning: Do not trial changing the settings unless you are confident that you are able to programme correctly. Failure to correctly follow the instructions may result in incorrect alarm messages being played. Always make sure to test alarm settings after changing to make sure they are working correctly. If you change the advanced settings, then you are responsible for the alarm and first aid files playing as expected.

Auxiliary Terminals
RS232 -These terminals are reserved for future accessories and are not currently implemented.
External power source - The unit may be powered from an external power source. The requirements are 12 volts DC 500mA. Connect this to 0V and +12V.
It is not necessary to fit lithium D cell batteries when powering the unit from an external supply.
Relay 1 - This is an alarm output for integration with third party products. See relay function (RF)
Relay 2 - This is for tamper outputs. See tamper selection (TS)
AUX X1 and X2 - These two inputs share 0V as their reference and are used to connect additional contacts for partial alarm functions not covered or relevant to these instructions.

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