

Fire Alerter Model Type 2A

TRAINING GUIDE



INTRODUCTION

This alerter model 2A has been designed and produced for the UK Fire and Emergency services. Unlike other general purpose pagers, the 2A has dedicated features which provide a simple and effective product.

We are confident that the 2A is presently the only product available today with such flexibility combined with simple operation.

IMMEDIATE FEATURES

Some of the 2A's features that are worth a mention at this stage are:

- Simple ('plug & play') insert battery and use, operation
- Rugged construction
- Strong lanyard attachment
- Strong belt clip
- Standard AA battery, easily available
- Built in vibration alert
- Vibration alert activates together with beep alert
- Fixed alerts, so you will always hear the same tone for fire and test calls
- Simple one button operation
- Ultra bright status / call LED's
- Alerter status display on LED panel
- No unnecessary or complicated modes of operation

MESSAGE FROM DATANET

The 2A will be different in operation and unlike your previous alerter. Also, due to the flexible configuration settings of the 2A, your communications department may setup the alerter in different ways, depending on your alerter system and the needs of your fire brigade service. One thing is certain, all alerters in any single brigade will be setup the same.

Saying this, the 2A's operation is simple, effective and easy to migrate to.

The purpose of this guide is to acquaint you with the 2A, as painlessly as possible.

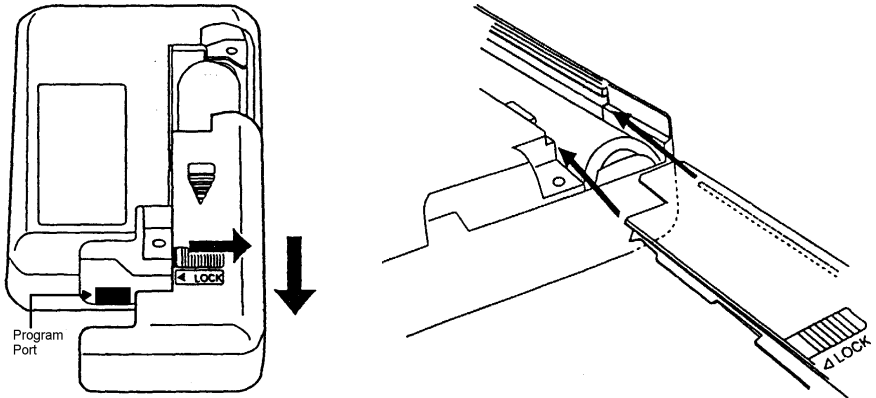
In the process we always welcome sensible comments and suggestions to improve the 2A's operative use within a specific application. In fact the 2A alerter, as you see it today, is the direct result of years of experience and extremely valued feedback from fire authorities, such as yourselves.

For this, we thank you - Datanet.

REPLACING BATTERY

To fit a battery, slide the battery door lock latch towards the side of the case, away from the belt clip.
Place thumb on triangle sign and slide cover off.

Install the LR6/AA size battery, making sure that the battery polarity matches the markings inside the battery compartment.
No harm will occur if the battery is installed incorrectly - The alerter will just not turn on.

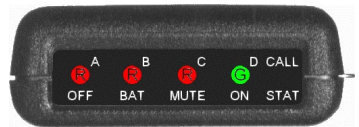


Note that when a new or working battery is installed, after about 2 seconds the alerter will turn on.

This is perfectly normal - The 2A always defaults to the ON condition when a battery is installed. Even if the 2A had previously been turned off.

Note the switch on confidence beep pattern - BEEP, BEEP, BEEP, all LEDs lit and vibrator activation.

The 'R' and 'G' on each LED indicate red and green colours respectively.



ON MODE (STANDBY)

When a new battery is installed the alerter will turn on and go into ON mode. This mode is the normal condition for receiving messages. No other intervention is required.

At any time - to check that the 2A is in ON mode, press and release the button.

The 2A will respond with a single beep and the green 'ON' LED will blink once.

See 'STAT' line of text along the bottom of the LED panel.



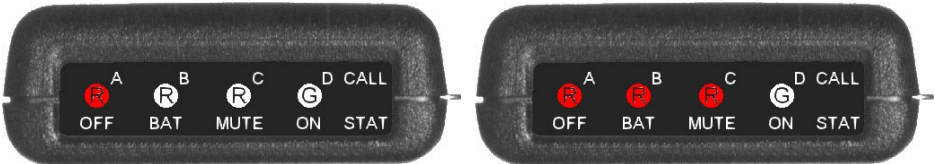
RECEIVING A FIRE CALL

The 2A must be in 'ON' mode, see previous, (or mute, see later).

When a fire call is received the 2A will generate a beep pattern. This pattern is programmable by your communications department only. As the user, you are unable to change this pattern. The call beep will continue for a period of time as set by comms dept.

Also your communications department may have programmed the 2A to use its vibrator alert during fire calls. In which case the vibrating alert will also activate.

This LED display seen on your 2A during a fire call is also programmable by your communications department. We suggest, fire calls activate either one of the following LED patterns.



Look at the top legend on the LED panel. 'CALL' is printed at the top right.

Use the legends to the left of 'CALL' (A, B, C, and D) to identify the call type.

(Not the OFF, BAT etc) - These are used at times of non call reception to identify the alerter's status.

The LED's (whichever pattern is programmed), will blink in time with the alerter tone pattern.

ACKNOWLEDGE THE FIRE CALL

During the fire call beeping period, identify the call to be sure of the call type and press the button.

The beep, vibration and LED panel alerts will stop immediately. The alerter will return to standby mode, ready to receive the next call.

No other realerts or reminder beeps, bips, vibs or LED blinks will occur for the call that has just been acknowledged.

You do not need to delete any calls that have been received.

RECEIVING A TEST CALL

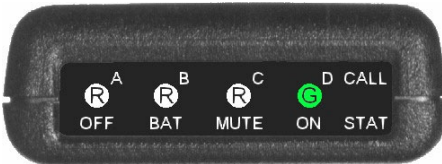
The 2A must be in 'ON' mode, see previous, (or mute, see later).

When a test call is received the 2A will generate a beep pattern. This pattern is programmable by your communications department only. As the user, you are unable to change this pattern. The call beep will continue for a period of time as set by comms dept.

Also your communications department may have programmed the 2A to use its vibrator alert during test calls. In which case the vibrating alert will also activate.

The LED display seen on your 2A during a test call is also programmable by your communications department.

We suggest that test calls activate the following green LED pattern. This produces a clearly identifiable test call.



Note that this suggested test call LED pattern, illuminates the 'D CALL' green LED.

Look at the top legend on the LED panel. 'CALL' is printed at the top right.

Use the legends to the left of 'CALL' (A, B, C, and D) to identify the call type.

(Not the OFF, BAT etc) - These are used at times of non call reception to identify the alerter's status.

The LED's (whichever pattern is programmed), will blink in time with the alerter tone pattern.

ACKNOWLEDGE THE TEST CALL

During the test call beeping period, identify the call to be sure of the call type and press the button.

The beep, vibration and LED panel alerts will stop immediately. The alerter will return to standby mode, ready to receive the next call.

No other realerts or reminder beeps, bips, vibs or LED blinks will occur for the call that has just been acknowledged.

You do not need to delete any calls that have been received.

2A ALERTER MODES

The 2A alerter has several other functions that you should be aware of:

- Off mode
- Mute mode
- On mode
- Un-acknowledged call retrieval
- Un-acknowledged call prompt

OFF MODE (IF ALLOWED)

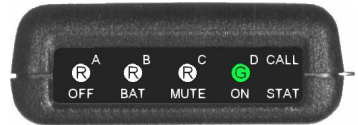
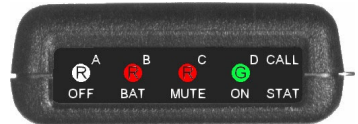
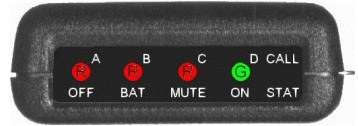
During this condition the alerter will not receive any messages.

Its purpose is to maximise battery life and or to stop receiving messages when off duty.

As stated above, off mode may be de-programmed by your comms dept, to avoid the risk of accidentally turning off the alerter.

However, if this mode is allowed and you wish to turn off your alerter:

- The alerter must be in ON or MUTE mode and not receiving a message
- Press and hold the button
- The alerter will produce a repeating beep, bip, beep, bip in 1 second intervals
- These are count down beeps
- Keep holding down the button
- As each beep, bip is generated, one LED is extinguished from the left to the right of the LED panel (see right)
- Keep holding the button until all LED's are extinguished (see right) and OFF LED blinks once together with OFF status beep.
- Release the button
- The alerter is now in OFF mode



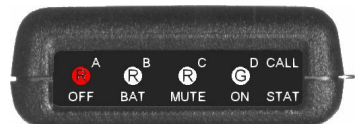
IMPORTANT

Note that it has taken 9 seconds of constant holding of the button to turn off your alerter. Throughout this period, if the button had been released, even for a fraction of a second, you would need to begin the OFF mode count down sequence again.

To confirm that the alerter is in OFF mode, press and release the button.

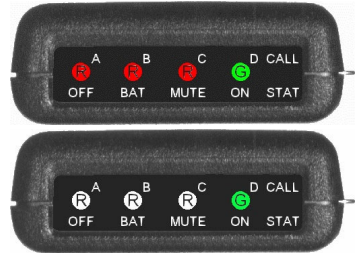
The 2A will respond with a single low pitch beep and the red 'OFF' LED will blink once.

See 'STAT' line of text along the bottom of the LED panel (right).



TURN ON ALERTER (IF SET TO OFF MODE)

- Press and hold button for 5 seconds
- Alserter generates the switch on beep
- All LEDs blink in time with switch on beep
- At same time, release the button
- Confirm that 2A is in ON mode by pressing and releasing the button
- The green 'ON' LED blinks once together with the ON confirmation beep



See 'STAT' line of text along the bottom of the LED panel (above).

MUTE MODE (IF ALLOWED)

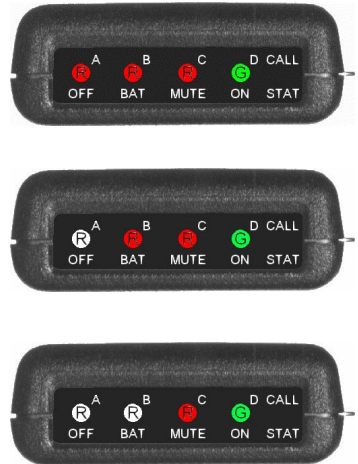
The 2A alserter can be operated discretely if necessary by setting mute mode. In mute mode, audible call alerts are silenced, only vibration alert operates. The LED call patterns will remain unaffected.

It is likely that your comms dept may set your alserter to bypass mute mode for urgent fire calls.

However, less urgent, test or administration calls may not be set to bypass the mute mode.

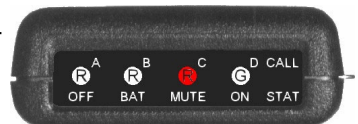
To set alserter into mute mode:

- The alserter must be in ON mode and not receiving a message
- Press and hold the button
- The alserter will produce a repeating beep, bip, beep, bip in 1 second intervals
- These are count down beeps
- Keep holding down the button
- As each beep, bip is generated, one LED is extinguished from the left to the right of the LED panel (see right)
- Keep holding the button until only the 'MUTE' and 'ON' LEDs are lit (see right)
- Release the button
- The alserter produces a double beep and activates the vibration to confirm mute mode
- The alserter is now in mute mode



To confirm that the alserter is in mute mode, press and release the button.

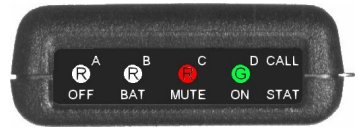
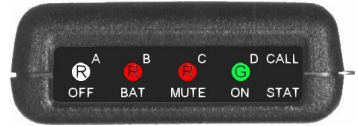
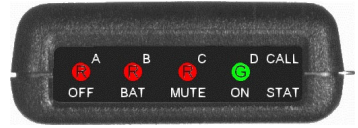
The 2A will respond with a double beep, the red 'MUTE' LED will blink twice and vibrator will activate. See 'STAT' line of the LED panel (right).



NORMAL ON MODE (NON-MUTED, IF MUTE MODE SET)

To return alerter to normal non-muted ON mode, repeat steps as per previous section 'Mute Mode'.

- The alerter must be in MUTE mode and not receiving a message
- Press and hold the button
- The alerter will produce a repeating beep, bip, beep, bip in 1 second intervals
- These are count down beeps
- Keep holding down the button
- As each beep, bip is generated, one LED is extinguished from the left to the right of the LED panel (see right)
- Keep holding the button until only the 'MUTE' and 'ON' LEDs are lit (see right)
- Release the button
- The alerter produces a single beep to confirm ON mode
- The alerter is now in ON mode



UN-ACKNOWLEDGED CALL RETRIEVAL (IF ALLOWED)

When a 2A receives a call, whether in ON or MUTE mode, some form of alert is generated depending on the mode set.

During the time when a message is received, the 2A will alert:

- If you do not acknowledge the call, (by pressing the button,) within the alerting period (set by comms dept) the 2A will stop alerting.
- This is necessary to preserve battery life.
- There is now a pending call stored in the 2A.
- This call will remain indefinitely in the 2A memory
- To recall the un-acknowledged call, press the button
- The pending call will generate a realert
- Acknowledge the call within the alerting period by pressing the button
- The 2A clears this call from its memory

Note, if a call is pending in the 2A memory, your alerter will still be able to receive more calls as normal.

UN-ACKNOWLEDGED CALL PROMPT (IF ALLOWED)

See previous 'Un-acknowledged Call Retrieval' section.

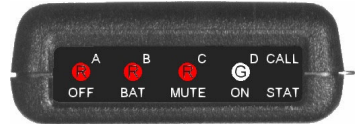
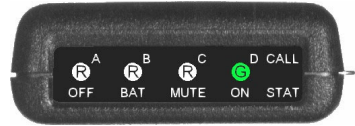
If call has not been acknowledged, it will remain in the 2A memory indefinitely.

Under these circumstances you may be unaware that a call is pending unless you press the button on a regular basis to check for any calls.

This is solved with the call prompt feature.

During the time when a call is pending in the 2A memory:

- A short bip is generated at preset intervals
- The 'ON' LED blinks with the bip
- This interval is set by your comms dept
- A call is pending, so recall by pressing the button
- The pending call realerts in the normal way
- Press the button during the alert period to acknowledge the pending call



LOW BATTERY WARNING

The battery should be replaced whenever the low battery warning activates. See 'Replacing Battery' section at beginning of this guide.

During operation the battery condition is constantly monitored by the 2A. At a point where the battery condition drops to a low level a warning is generated.

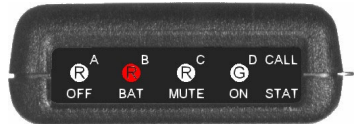
The warning is a low pitch repeating beep, beep, beep, pause, pause, pause beep, beep...

The period of which lasts for 4 seconds.

During this beep, the 'BAT' LED blinks.

The 2A then returns to normal operation and will continue to receive messages.

Thereafter, the low battery beep warning will repeat whilst blinking the 'BAT' LED every 60 seconds to remind the user that the battery should be replaced.



Replace the battery as soon as possible.

Note that once a low battery warning has been generated by the 2A, pressing and releasing the button to check the alerter status will:

- activate the low battery warning beep and
- blink the 'BAT' LED
- the status will also be shown, ON or MUTE mode LED's

AND FINALLY...

- Read this document carefully.
- Be aware of the FIRE and TEST call LED and alert tone patterns.
- Contact your communications department if in need of assistance.
- Contact us at Datanet if you have any suggestions about the 2A, its use and this document.

NOTES

datanet
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