DATANET 2A
Emergency Services Alerter

DEDICATED PERFORMANCE FIREFIGHTER'S ALERTER

The 2A has been designed especially for use as a firefighter's alerter.
Its unique LED coded visual alert provides instant call type recognition and its many configurable features can be adjusted to tailor this product to operate on any existing mobilising system, whatever its configuration.

USER FEATURES

- MG4 compliant
- 'Plug & play', insert battery and use
- Rugged construction
- Simple one button operation
- Instant call type recognition
- No unnecessary or complicated modes of operation
- Very loud
- Strong lanyard attachment hook
- Strong belt clip
- Built in vibration alert, activates together with beep
- Distinctive alerts for fire, test, co-responder etc
- Alert tone patterns are not adjustable by the user
- Ultra bright status and call LED's (3 x red, 1 x green)
- Duplicate call comparator, stops repeating calls
- Totally compatible with all fire brigade mobilising systems

SYSTEM FEATURES

- Versatile Windows programming software
- 7 ID codes with 4 sub-addresses per ID code
- 32 programmable alert tone patterns
- Programmable 4 way call type selector (select call types by RIC or sub-address)
- Display configuration, (LED pattern)
- Vibration with tone alert enable
- Programmable escalating alert
- Alert tone bleeping period, 2 to 240 seconds
- Unread message prompt blip
- Disable off mode
- Disable mute mode
- Mute override feature to bypass user mute settings for urgent calls
- Duplicate call comparator to suppress multiple alerts, associated with other models

ULTRA BRIGHT LEDs

Customisation Options.

1. Firmware customisation to provide true individual operation.
2. Customer specific logo label.
3. Customer individual barcoding.
4. Optional strong lanyard available.

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THE COMMUNICATIONS SOLUTION

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SPECIFICATIONS

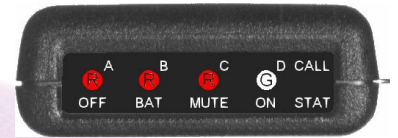| Parameter	137-174 MHz	420-473 MHz
Sensitivity 512 bps 1200 bps 2400 bps	<14dBuV/m (Front) <17dBuV/m (Front) <19dBuV/m (Front)	<15dBuV/m (Front) <18dBuV/m (Front) <20dBuV/m (Front)
Spurious rejection	60dB	45dB
Channel Spacing	25 KHz	
Selectivity	>70dB@ +/-25KHz	
Digital modulation system	Carrier frequency shift keying (NRZ FSK)	
Deviation	+/-4.5KHz	
Signal Format	POCSAG non return to zero (NRZ)	
Bit Rate	512, 1200, 2400 bits per second	
ID Codes	7 ID address codes	
Total Address Capacity	28 unique addresses	
Alert tone output	75dB SPL at 300mm	
Power supply	AA alkaline battery	
Normal battery life*	900 hrs (Alkaline cell)	800 hrs (Alkaline cell)
Dimensions (without clip)	69mm x 48.9mm x 18.6mm	
Weight (with vib/battery)	Approx. 65grams	

Figures above are typical and measured under normal operating conditions. As such they will not form part of any contract.
Our policy is one of continuous improvement and we reserve the right to change specifications without notice.

*Battery life will be dependent on number of calls received, alert tone period, number of LED's lit per call and vibration alert activation
Network activity and ID code time frame allocation may also affect battery life to a small degree.
Detailed analysis may be provided in special cases where necessary.

ONE BUTTON OPERATION

When the 2A receives a call, it signals an audio/visual alert.
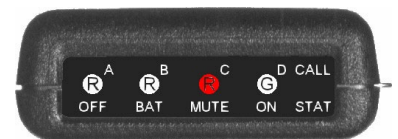Press the button to manually reset the call.

▼

Press the button, you can check the status of your 2A

▼

Press and hold the button to set into discrete mute vibration alert mode.
Note, this is a secure mode, so for urgent calls, the 2A may be programmed to bypass mute.

From left to right, 4 LEDs provide pager status and call identification as follows:

- Pager OFF mode
- Low battery indicator warning
- Pager MUTE mode
- Pager 'normal' ON mode
- Combined LEDs A, B, C, D provide a distinctive and instant visual method of call identification

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