

NOTE:

This unit is certified to a particular level of intrinsic safety. This is shown on the unit's rear label. Care should be taken the battery options list are strictly adhered to.

OPERATION:

The unit has been set to operate the facilities and sound which you have chosen.

The range of facilities is as follows.

1. ON/OFF KEY:

To turn the unit on, remove the priming key by pressing on the top of the key sliding it backwards. The unit then emits an O.K. Signal (Morse) to confirm it is now fully operational.

2. LOCATION FLASHES:

The unit has flashing location lights to enable the wearer to be more easily seen by colleagues; in normal use the lights flash alternately, one on the front and then one on each side of the unit. The lights will maintain this standard flash until other functions cause the pattern to change.

3. MANUAL SWITCH:

The unit can be manually set to full alarm by pressing in the manual switch pad. This action can be factory set to have immediate or delayed action.

Immediate: This cause's full alarm to start immediately the button is pressed.

Delayed: This requires the button to be held down for 2.5 sec. during which a tone is heard until full alarm starts.

4. MOVEMENT SENSOR:

A lack of movement for 30 seconds will cause a 10 second pre-alarm signal sound. If no movement occurs during the 10 second pre-alarm then the unit will lock into full alarm.

COUNTER RESET LED

Flashes when the movement is detected.

5. FULL ALARM:

Optional. The full alarm signal options are:

BS 10999:2010 Specification or morse code S.O.S.

Full alarm light sequence: During full alarm the location lights flash in "sync" when the full alarm sounds.

6. DURATION TIMER:

Optional. The unit measures the time elapsed from the removal of the priming key. The signals are:-

5 Short bleeps at 15 minutes, followed by 5 short bleeps every 5 minutes thereafter.

The facility is to prompt the normal routine of pressure gauge readings and is provided purely as an aid in this regard.

7. EVACUATION WHISTLE:

Optional. This side button can be used to emit evacuation whistle blasts enabling the wearer to 'pass on' any evacuation instruction received. This sound will continue until the key is inserted or a higher priority sound is required. During the whistle sequence of three blasts the LEDs are all on and off between them, returning to normal between whistle blasts.

8. LOW BATTERY WARNING:

An intermittent audio and visual signal indicates the need to change the battery. Remove four screws in the battery compartment lid and replace the compartment gasket and battery. When the low battery alarm is heard the following light sequence occurs: During tone period-Front red light is on, the two side lights are off. Tone off period opposite applies. CHANGE BATTERY IN A SAFE AREA AND WITH THE KEY IN PLACE.

9. SOUND PRIORITY:

- | | |
|---------------|------------------------|
| 1) Full Alarm | 3) Evacuation Whistle |
| 2) Pre-Alarm | 4) Low Battery Warning |

EU DECLARATION OF CONFORMITY

Diktron Developments Ltd as the manufacturer/supplier, we declare under our sole responsibility that the equipments as specified below conform to all the applicable essential requirements of the following EU Directives.

Product Title: DSX MKII ADSU

Description: AUTOMATIC DISTRESS SIGNAL UNIT

Type no.: DSX MKII ADSU (Baseefa02ATEX0258)

DIRECTIVE EMC:

2014/30/EU , EN 61000-6-2(2005),61000-6-3:2007

WEEE & RoHS:

2002/96/EC & 2011/65/EU

ATEX Directive:

2014/34/EU equipment and protective systems intended for use in potentially explosive atmospheres.

STANDARD:

EN 60079-0:2012 & EN 60079-11:2012

The DSX MKII is covered by an EC type examination certificate

Certificate no.:Baseefa02ATEX0258 Issue date:07/03/2003

Notified body: Baseefa Ltd

DESIGN: BS EN 10999:2010

The unit complies with all essential requirements of the above referenced specifications and directives and has been issued a CE mark.

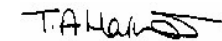
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GENERAL SPECIFICATION

FREQUENCY AUDIO	2.7Khz - 3.0Khz
CAUTION FLASH	3 LED FLASHES
MONITOR PERIOD	30 SECONDS.
PRE-ALARM	10 SECONDS
BATTERY 9v	Duracell MN1604 (6LR61) Energizer 6LR61
MOVEMENT INDICATOR	AMBER LED FLASH
FULL ALARM SOUND	BS 10999:2010 OR SOS.
BA DURATION TIMER	5 BEEPS
EVACUATION WHISTLE	JCDD 40 SPEC.
SIZE	119.5 x 87 x 39mm
WEIGHT	320 GRAMS.
BATTERY LIFE (MONITOR)	157 HOURS MN1604
LOW BATTERY INDICATION	LED & AUDIO TONE.

Certification: Baseefa02ATEX0258



II 2G Ex ia IIC T4 Gb



The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for

recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment. WEEE producer registration number. WEE/CA1751ZQ
This product is in compliance with Directive 2002/96/EC
Waste Electrical and Electronic Equipment (WEEE) Directive & 2011/65/EU Restriction of the Use of Certain Hazardous Substances.

CARE OF THE DSX.

Clean the unit with soap and water - never use solvent or chemical cleaners. Never over tighten screws on battery compartment or Harness fixings. The priming key has a small magnet implanted and care should be taken that small metal Particles do not damage the key slide in the body of the unit.

IMPORTANT NOTICE:

Under no circumstances should thread locking fluids be used to retain screws.

BATTERY REPLACEMENT: Renew Gasket. When replacing battery lid care should be taken not to over tighten screws. "This may result in damage to the box, tighten screws evenly until battery lid meets the side of main body after which a further half turn will be sufficient to make seal.

Whilst not affecting any statutory rights, Diktron do not accept any responsibility for Injury occurring during the use of the DSX Distress signal.

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DSX MKII

Diktron



OPERATING INSTRUCTIONS


DIKTRON
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