

OUTDOOR DUAL TECHNOLOGY DETECTOR XC-1XT ANIMAL Immune (80 lbs.)

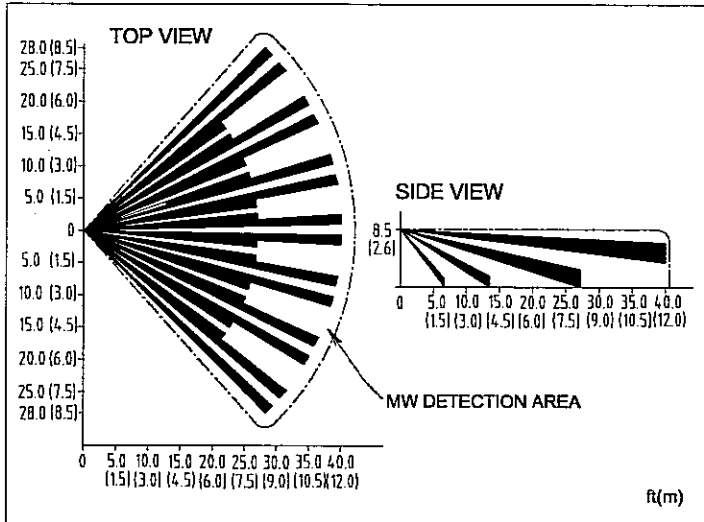
INSTALLATION INSTRUCTIONS **ALEPH®**

1. SPECIFICATIONS

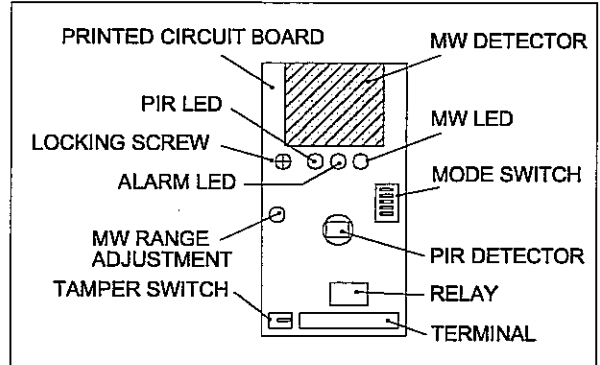
Power Requirement	9.5 to 16VDC (Normal 12VDC)
Current Draw	35mA max.
PIR Detector	Dual-Element
PIR Detection Range	Standard - 40 × 56 ft Long range lens - 80 × 8 ft (option)
PIR Sensitivity Adjustment	Selectable (60 or 80 or 100 or 120%)
PIR Pulse Count	Selectable (2 or 4 pulses)
MW Detector	MIC Module (10.525GHz)
MW Range Adjustment	Volume Adjustment
MW Detection Range	20ft to 66ft (6m to 20m)
MW Pulse Count	2 pulses
Warm-up Period	50±15 sec
Alarm Period	2±0.4 sec
Alarm Display	Red LED monitor (ON/OFF selectable)
PIR Detection Display	Green LED ON
MW Detection Display	Orange LED ON
Relay Output	2C Contact (N.C/N.O) 30VDC 0.35A max.
Tamper Contact	N.C dry contact 30VDC 0.5A max.
Operating Temperature	-15°F to +122°F (-26°C to +50°C)
Environment Humidity	95% max.
Dimensions(H × W × D)	6.3in. × 2.76in. × 1.73in. (160mm × 70mm × 43.9mm)
Weight	6.3oz(180g)

We may change specification and design without prior notice as part of its continuing program of product improvement.

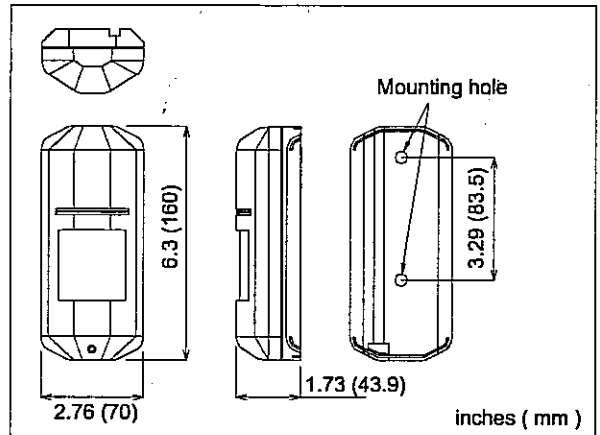
2. DETECTION PATTERN



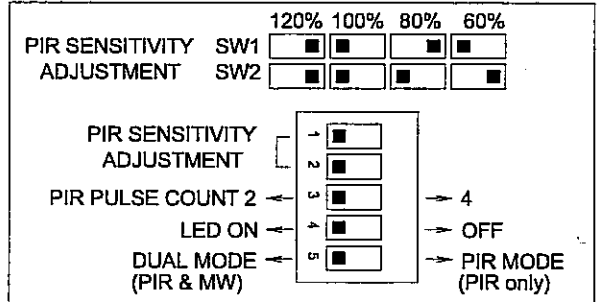
3. DESCRIPTION



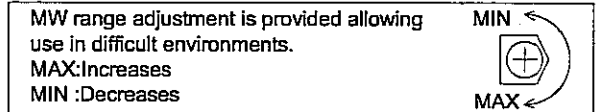
4. DIMENSIONS



5. MODE SWITCH



6. MW Range Adjustment



7. INSTALLATION HINTS

Do not install facing heavy vehicle traffic

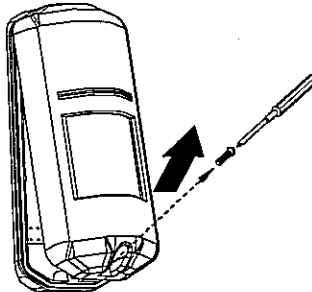
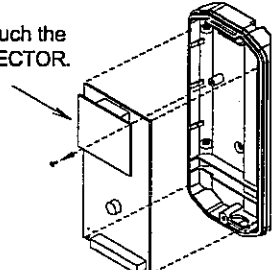
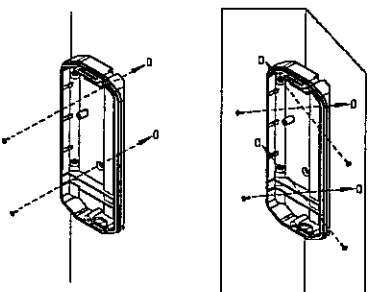
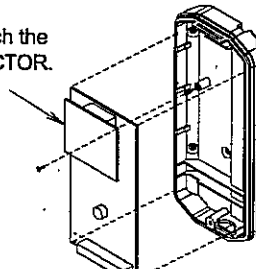
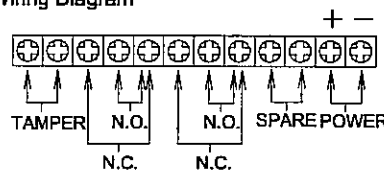
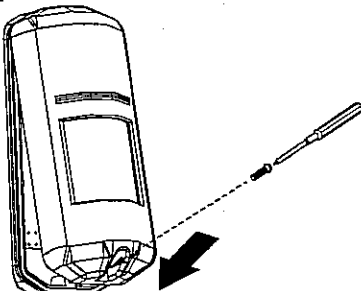
Do not limit a desired detection zone by interference of car, screen, potted plants, etc.

Mount the unit only on a solid location or surface.

Y ft (X m)
Y: 6.6 ~ 8.2 ft
X: 2.0 ~ 2.5 m

Unit installed height should be Y ft (X m) from floor so that the full coverage could be achieved.

8. INSTALLATION

<p>1. Remove cover by loosening the screw on the bottom of the unit.</p> 	<p>2. Remove the printed circuit board by loosening the screw on it.</p> <p>Do not touch the MW DETECTOR.</p> 	<p>3. Use the screw supplied with the unit for wall mount or corner mount.</p> 
<p>4. Return the printed circuit board that was removed in "3" above, to its original position and then tighten the screw.</p> <p>Do not touch the MW DETECTOR.</p> 	<p>5. Wiring Diagram</p>  <p>All wiring must be in accordance with NEC, NFPA70.</p>	<p>6. To attach cover, hook upper part and push down, then tighten screw at bottom of the unit.</p> 

9. FCC STATMENT

This equipment has been tested and found to comply with the limits for a Class B digital device. Pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, used and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- * Reorient or relocate the receiving antenna.
- * Increase the separation between the equipment and receiver.
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- * Consult the dealer or an experienced radio/TV technician for help.

The user should not modify or change this equipment without written approval from ALEPH. Modification could void authority to use this equipment.

10. TROUBLE SHOOTING

Problem	Cause	Remedy
Does not power up.	No input power or voltage is too low.	Supply the proper voltage (9.5 to 16 VDC).
	Polarity connection may be reversed.	Adjust the polarity.
LED's indicator does not turn on.	LED mode selection switch #4 is OFF.	Adjust mode selection switch #4 to LED ON.
	Unsuitable adjusting the detection zone.	Adjust the detection zone.
LED indicator does not blink.	Mode selection switch #5 is PIR MODE only.	Mode selection switch #5 is DUAL MODE.
MW LED stays lit continuously.	MW DETECTOR operation trouble.	Mode selection switch #5 is PIR MODE only.

11. TESTING and MAINTENANCE

<p>Inspection: An inspection of this unit should be made periodically, consisting of, but not limited to, all mounting, wiring, and the condition of all components.</p>	<p>If you have any questions about this product please contact ALEPH or your nearest dealer.</p> <p>NIPPON ALEPH CORPORATION 1-28-52 Komaoka, Tsurumi-ku, Yokohama, Japan Tel: (045)575-1111 Fax: (045)580-1676 URL http://www.nippon-aleph.co.jp/ e-mail: security@po.nippon-aleph.co.jp</p> <p>ALEPH INTERNATIONAL CORPORATION 1026 Grisworld Avenue, San Fernando, California 91340, U.S.A. Tel: (818)365-9856 Fax: (818)365-7274 URL http://www.aleph-USA.com/ e-mail: info@aleph-usa.com</p> <p>ALEPH EUROPE LTD. 1 Newton Close, Park Farm Industrial Estate, Wellingborough, Northamptonshire, NN8 3UW, England Tel: (0933)679600 Fax: (0933)401165 URL http://www.alepheurope.com/ e-mail: info@alepheurope.com</p> <p>ALEPH Central - Eastern Europe, LLC Lopuszanska 53/010 Warsaw, Poland Tel: +48 22 868 0414 Fax: +48 22 868 0413 URL http://www.aleph-cee.com/ e-mail: info@aleph-cee.com</p>
<p>Cleaning: Clean the plastic parts of this unit with a soft, clean, damp cloth.</p>	
<p>Testing: This unit should be tested at least once per year for proper performance and operation.</p>	
<p>Note: This unit is designed to be incorporated into an overall alarm system. As it is part of the system ALEPH cannot assume responsibility for theft or damage if the system fails to operate.</p>	