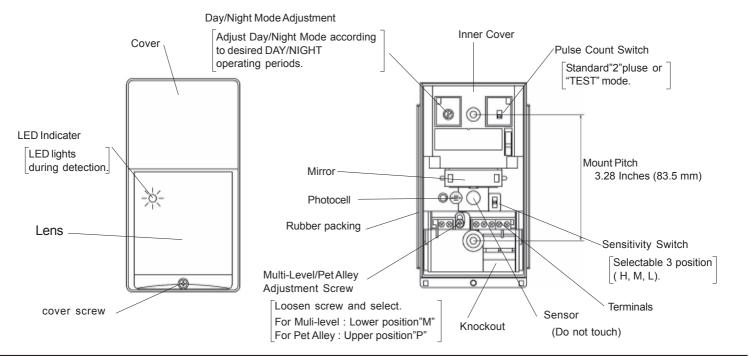


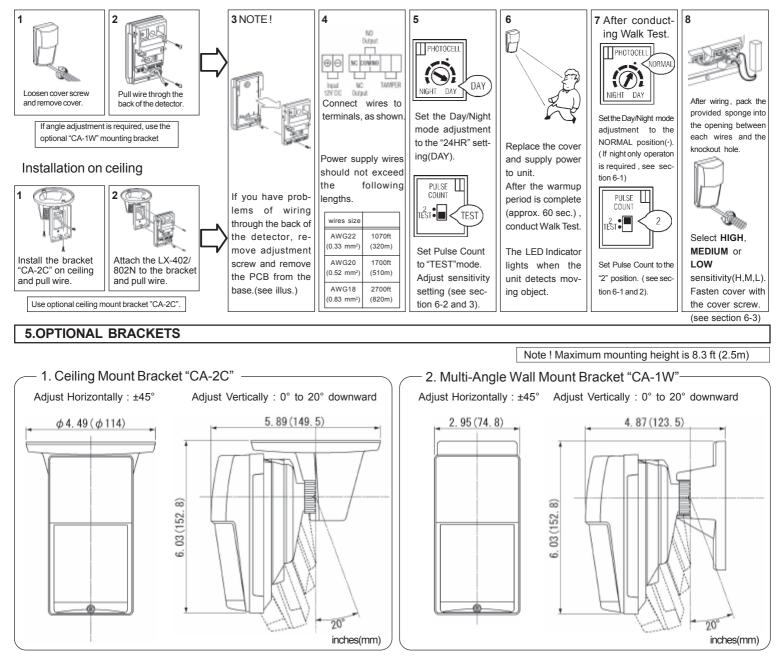
the target that is approaching the detector.

### **3.DESCRIPTION AND OPERATION**

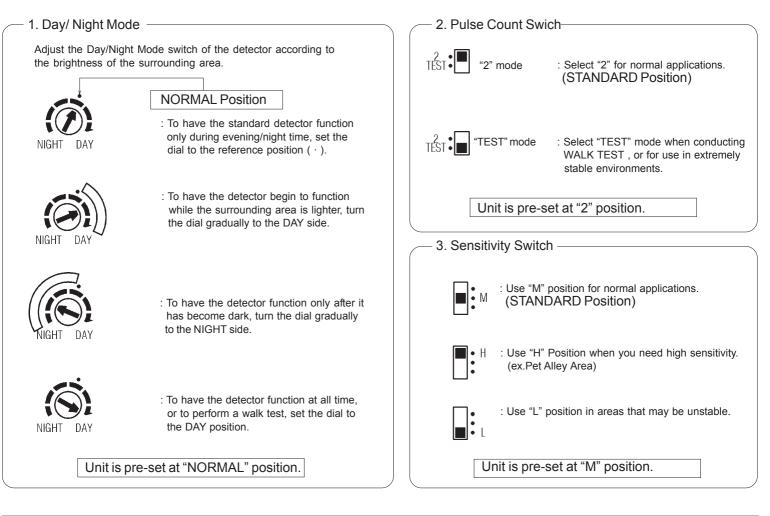


### **4.INSTALLATION PROCEDURE**

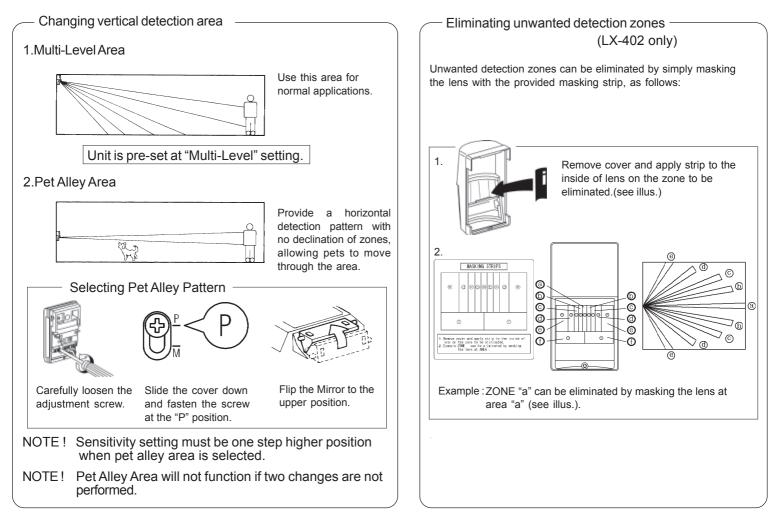
#### Installation on wall



### **6.SETTING AND ADJUSTMENT**



# 7.DETECTION• AREA ADJUSTMENT



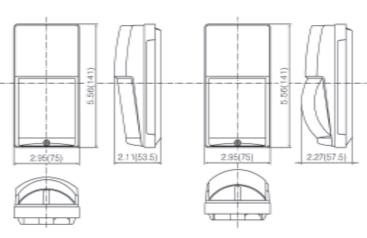
## 8.TROUBLE SHOOTING

6. TROUBLE SHOOTING			
PROBLEM	PROBABLE CAUSE	REMEDY	
LED does not light up.	Improper power supply voltage. (disconnection, low voltage)	Confirm the power supply is under specification.	
	Wrong polarity	Switch positive and negative at terminal.	
	The detector is in warm up period.	Wait for.(approx. 60 sec.)	
	The Day/Nigth Mode Adjustment knob setting is	See section 6-1.	
	inappropriate.	Confirm the adjustment knob.	
	Incorrect detection area.	See section 2.	
LED lights up even though no one is in detection area.	Moving object within area. (curtain, wall hanging, etc.)	Remove the object from the detection area.	
	Improper power supply voltage.	Confirm the power supply is under specification.	
	The unit is detecting presons, cars or other	Check the detection area.	
	objects beyond the set area.		
	Temperature of object within area is changing rapidly (heater, air conditioning, etc.)	Remove the heat sources from the detection area.	
	Relay contact is stuck or damaged due to overloading.	Check load of output.	
		The unit needs repair or replacement.	
	Faulty wiring.	Wire correctly.	
The LED lights up, but there is no	Alarm output connects to other devices as follows.		
relay output	when NC output is used	when NC output is used	
	connect in parallel.	:connect in series.	
	when NO output is used	when NO output is used	
	:connect in series.	connect in parallel.	

# 9.SPECIFICATIONS

	Andal	LX 400		
Model		LX-402 LX-802N		
Detection method		Passive Infrared		
Detection area		40ft×50ft(12m×15m)	80ft×6.6ft(24m×2m)	
		120°wide	Long range	
Coverage	Multi-Level Area	40 zones	12 zones	
	Pet Alley Area	18 zones	4 zones	
Mounting height	Multi-Level Area	8.3ft (2.5m) max		
	Pet Alley Area	4-5ft (1.2-1.5m)		
Detection speed		1-3.3ft/sec. (0.3-1.0m/sec.)		
Sensitivity adjustment		Selectable 3 position (H,M,L)		
LED indicator		LED lights during detection		
Alarm period		2±1 sec.(Delay timer)		
Alarm output		NC.NO.28V DC 0.2A max		
Tamper switch		Opens when cover removed.		
Pulse count		2 (20±5 sec.) or TEST(1 pulse)		
Day/Night Mode adjustment		Approx. 10 to 100,000 lux		
Warm up period		Approx. 60 sec.		
Power input		10.8-13.2VDC		
Current draw		25 mA max		
Mounting		Wall (Indoor/Outdoor)		
Operating temperature		-4°F - +122°F(-20°C - +50°C)		
Environment humidity		95% max		
Weight		6.0oz (170g)	6.8oz (190g)	
IP Rating		IP54		
Accessory		Masking strips (LX-402 only),Mounting screw,Sponge		
※ Specifications may be changed without prior notice for improvements.				

## **10.DIMENSIONS**



LX-402

LX-802N

inches(mm)



**OPTEX CO., LTD.** (ISO 9001 Certified by LRQA) 4-7-5 Nionohama Olsu, 520-0801 Japan TEL (077)524-6047 FAX (077)522-9022

OPTEX INCORPORATED 1845W. 205th Street Torrance, CA 90501-1510 U.S.A. TEL (310)533-1500 FAX (310)533-5910

OPTEX (EUROPE) LTD. (ISO 9002 Certified by NQA) Clivemont Road, Cordwallis Park, Maidenhead, Berkshire, SL6 7BU U.K. TEL (01628)631000 FAX (01628)636311

#### NOTE

This unit is designed to detect moving object and activate an alarm control panel.Being only part of a complete alarm system,we cannot accept responsibility for any damages or other consequences resulting from an intrusion.

This Product conforms to the EMC Directive.89/336 EEC. This product is NOT a human detector of security purpose. We recommend our other detectors of security purpose, if you would like to use detector for security purpose.