

HOUSEWATCH

INSTRUCTION MANUAL NIR-100SA Infrared Mini Security Alarm System 45-100

Description

The NIR-100SA Infrared Mini Security Alarm System is an entry warning system designed for security purposes. It can be installed in shops, medical and dental surgeries, factory reception areas, photographic studios, the home etc. The system consists of a Transmitter and Receiver Unit which transmits an invisible, modulated beam of infrared light across a doorway or other area to be detected, onto a retro-reflector mounted opposite. When people walk through the beam, the alarm will trigger and give an audible warning.

A NIR-100SA Infrared Mini Security Alarm System includes:

1. 1 pcs NIR-100 retro-reflection infrared photoelectric beam sensor
2. 1 pcs 9V DC Adaptor
3. 1 pcs Alarm Speaker (TIMER & VOLUME adjustable)
4. 10 meters of cable



System

Power Supply	9V DC
Total Current consumption	Maximum <100mA
Standby Current	25mA

Speaker

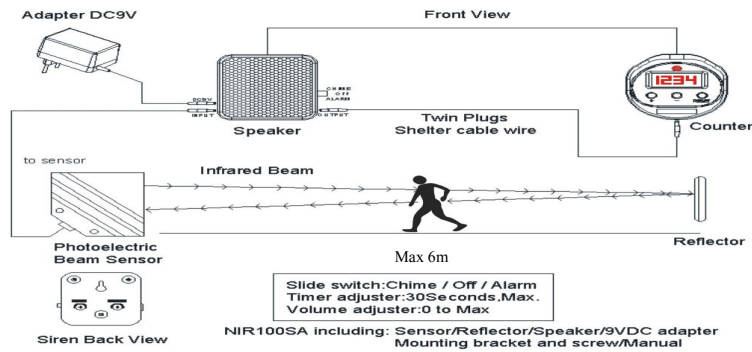
Supply Voltage	DC9V
Speaker Output	Chime/Off/Alarm (Select by switch)
Speaker Time	about 1 sec for Chime, 30 sec for Alarm
Timer adjustable	3-30 sec for Alarm
Volume adjustable	Yes (from 0 to Max)
External Output	NPN output (for External Device, example: Counter)

Specification of NIR-100

Nominal Detection Range	0.5m - 6.0m
Supply Voltage	DC 9V
Light Source	IR LED
Ambient	-20°C ~ 50°C

Installation

Fix the NIR-100SA mounting bracket either vertically or horizontally at knee height (about 60cm off the floor) on the side wall or other suitable surface **FURTHEST** from the likely path of a customer.



Please Note: Beam sensor and reflector **must be aligned**. Red LED indicator on beam sensor will Turn **on** when beam and reflector are aligned properly.

Option: The output can be used to drive another device, for example, a counter for counting visitors or adding an additional speaker.

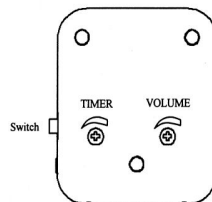
45-100 Infrared Door Beam Kit (NIR100SA)

45-101 10m Cable for NIR100SA

45-102 20m Cable for NIR100SA

45-103 Speaker for NIR100SA

45-104 Counter for NIR100SA



Timer & Volume

Switch: Chime/Off/Alarm
Timer adjuster: 3-30 sec
Volume adjuster: 0 to Max



PRODUCT WARRANTY

This Housewatch product is guaranteed for a period of 2 (two) years from date of purchase provided this product has been installed in accordance with this instruction manual and local electrical wiring regulations and codes of practice.

This guarantee shall become invalid if this product has been incorrectly installed, misused, tampered with or accidentally damaged.

This guarantee is in addition to all other rights and remedies in respect of the product which the consumer has under the Trade Practices Act and other legislation.

If you wish to make a warranty claim, please return this product to place of purchase together with your purchase receipt.



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