

4069 – MINI IR SECURITY SYSTEM



1. Introduction & Specifications

To all residents of the European Union

Important environmental information about this product



This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment.

Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialised company for recycling.

This device should be returned to your distributor or to a local recycling service.

Respect the local environmental rules.

If in doubt, contact your local waste disposal authorities.

The **4069** is a compact entry and approach warning system for use in shops, reception areas, private homes, etc. The device consists of a transmitting and receiving unit that transmits an invisible, modulated beam of IR light across e.g. a doorway, onto a prismatic reflector mounted across from the transmitter. This reflects the beam back to the receiver to complete the protection circuit. The beam is interrupted when a person walks through it, causing the alarm to trigger and sound an audible warning. The beam is produced by a LED, which has a much greater lifespan and is less susceptible to surge and vibration damage than a tungsten filament lamp. The receiver is only sensitive to the frequency of the modulated light in the beam.

2. Contents

- 1 x retro-reflection photoelectric beam sensor
- 1 x DC 9V adapter
- 1 x alarm speaker

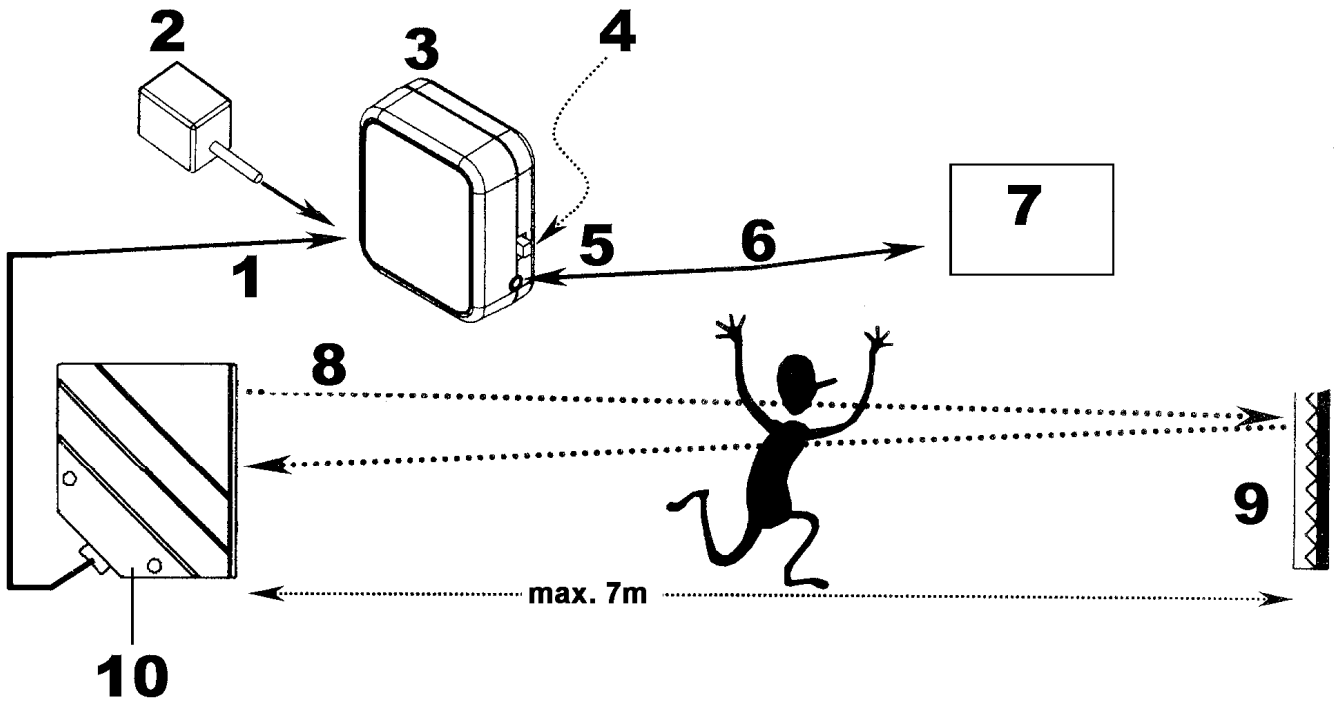
3. Specifications

GENERAL	
Nominal Detection Range	7m
Supply Voltage	DC 9-15V
Light Source	IR LED
Output	NPN open collector
Ambient Temperature	-20 to +50°C

SYSTEM	
Power Supply	AC to DC adapter 9V (included)
Total Current Consumption	< 100mA
Standby Current	25mA

SPEAKER	
Supply Voltage	DC 9V
Speaker Output	Chime / Off / Alarm selectable through switch
Speaker Time	± 1 second for chime, 30sec. for alarm
Adjustable Timer	3-30sec. for alarm
Adjustable Volume	yes (from 0 to max.)
External Output	NPN output (for external device e.g. counter)

4. Connection Diagram

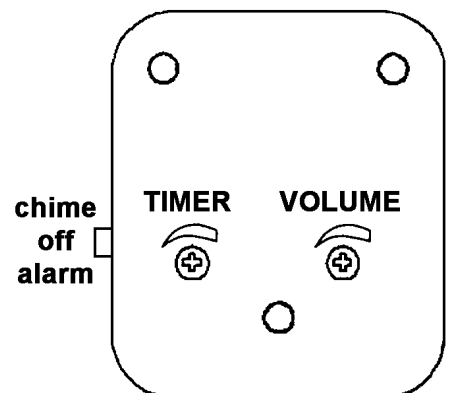


	ENGLISH	NEDERLANDS	FRANCAIS	ESPAÑOL	DEUTSCH
1	input	ingang	entrée	entrada	Eingang
2	adapter DC 9V	adapter DC 9V	adaptateur CC 9V	adaptador CC 9V	DC-Adapter, 9V
3	speaker	luidspreker	haut-parleur	altavoz	Lautsprecher
4	selector	keuzeschakelaar	sélecteur	selector	Wählschalter
5	external output	externe uitgang	sortie externe	salida externa	externer Ausgang
6	input	ingang	entrée	entrada	Eingang
7	optional counter PEM7D/C	optionele teller PEM7D/C	compteur optionnel PEM7D/C	contador opcional PEM7D/C	optionaler Zähler PEM7D/C
8	IR beam	IR straal	rayon IR	rayo IR	IR-Strahl
9	retro reflector	reflector	catadioptré	reflector	Reflektor
10	photoelectric beam sensor	foto-elektrische sensor	capteur photo-électrique	sensor fotoeléctrico	photoelektrischer Sensor

Note that the output can be used to drive other devices.

5. Adjustable timer & volume

Adjust the volume and the length of time the timer will sound through the adjustments on the rear panel (see figure at the right).



6. Mounting the 4069

Mount the included mounting bracket either vertically or horizontally at ± 60 cm above the floor. Attach the device to a sidewall or another suitable surface, as far away as possible from the customers' most likely path.

The information in this manual is subject to change without prior notice.