

## INSTALLATION HINTS

1. The ENFORCER 190/190S usually receives power from the alarm panel. If the ENFORCER 190/190S is connected to a separate power source, it should also be connected to a rechargeable battery, in case AC power fails.
2. Use either Terminals 2 and 3 N.O. output or 2 and 1 for N.C. output, but not both.
3. Close all doors and windows when the ENFORCER 190/190S is in use.
4. Mount any optional memory buzzer, musical device or any sound generating equipments as far from the ENFORCER 190/190S as possible to reduce the detector's chance of accidental triggering, and reducing the chance of a thief finding the ENFORCER 190/190S.

## SPECIFICATIONS

POWER: 12VDC (7.5V - 15V)

CURRENT DRAIN (STANDBY CONDITION): 5mA (12V)

CURRENT DRAIN (TRIGGER CONDITION): 80mA (12V)

DETECTOR OUTPUT: DRY RELAY CONTACT, N.O.-C-N.C. (2A)

TAMPER OUTPUT: N.C. CONTACT

YELLOW LED: INDICATES ENVIRONMENTAL NOISE LEVEL

RED LED: INDICATES TRIGGER SIGNAL SENT TO ALARM

TEMPERATURE RANGE: -14°F TO +122°F (-10°C TO +50°C)

CASE CONSTRUCTION: ABS PLASTIC

SIZE: 4.5" x 2.8" x 1.1" (115mm x 70mm x 27mm)

WEIGHT: 3.35oz (95g)

The SECO-LARM policy is one of continual developments and improvements. For this reason, SECO-LARM reserves the right to change specifications without further notice.

# SECO-LARM®

**ALARM SYSTEMS AND ACCESSORIES**

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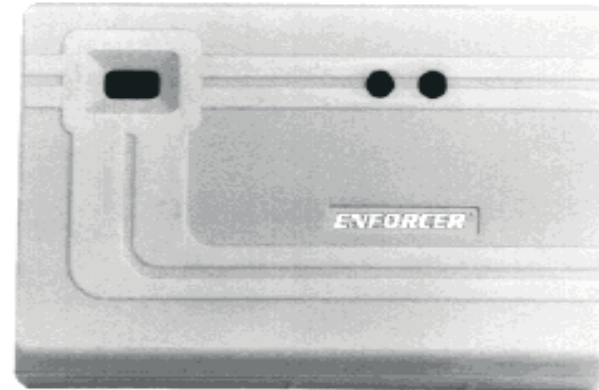
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FILE: MI190/P65/MUDECI1997  
ORDER PART# 760-362-1/88C

# SECO-LARM® ENFORCER® 190/190S

GLASS BREAK DETECTOR



USA PAT. 4700332  
UK PAT. 2177797  
1041888  
TAIWAN PAT. 50612

## REMARKABLE FEATURES

- YELLOW TURBULENCE LED (PATENTED) ALLOWS FAST AND EASY SENSITIVITY ADJUSTMENT WITHOUT EXTERNAL TEST METER
- YELLOW LED GIVES PINPOINT SENSITIVITY ADJUSTMENT TO ELIMINATE FALSE ALARMS
- DETECTS THE HIGH-FREQUENCY SOUND OF GLASS BREAKING
- ENFORCER 190 -- WIDE 25' RADIUS PROTECTION AREA IF CEILING-MOUNTED, 45' IF WALL-MOUNTED
- ENFORCER 190S -- WIDE 20' RADIUS PROTECTION AREA IF CEILING-MOUNTED, 35' IF WALL-MOUNTED
- RED TRIGGER LED
- TAMPER PROOF CASE
- INSTALLS WITHOUT RF-SHIELDED CABLE
- COMPACT SIZE AND ATTRACTIVE APPEARANCE ALLOWS INSTALLATION ANYWHERE

## HOW IT WORKS

The ENFORCER 190/190S is the most convenient audio-discriminator for glass break protection on the market today. Designed with the latest technology, it is the installer's answer to the problem of sensitivity setting and false alarms. A single convenient ENFORCER 190/190S is enough to protect all the windows and doors within a 15' radius when mounted on the ceiling, eliminating the need to install unsightly individual detectors on each pane of glass. Sensitivity setting is extremely simple with SECO-LARM's Yellow turbulence LED (patented) which eliminates the need for external test meters. The relay output is programmed for a 2-second reset.