

# HS-2

## Telephone Entry / Emergency Autodialer

### Description

The HS-2 is a telephone entry or emergency autodialer. When the handset is lifted, the unit begins dialing. It continues dialing programmed numbers until it is answered. The person who answers the call then takes control of the unit and its relays. Those relays are then used to remotely control entrances, lights, cameras, etc.

The HS-2 is well suited to outdoor applications in areas of high noise or where privacy of conversation is needed.

The HS-2 features thick stainless steel construction with a vandal resistant public telephone style handset with armored cable.

### Features

- Automatically dials a programmed telephone number of up to 16 digits. For added security, the HS-2 is programmed to dial a second "backup" telephone number.
- Two modes of operation: standard access control or emergency response mode.
- Emergency mode calls can only be terminated by the remote attendant.
- Operates on 12v AC or DC
- Two output relays for control of entrances and other security equipment.
- Alarm shunt relay aids alarm management.
- Remotely programmable from any touchtone telephone.
- Programmable site ID.
- Public telephone style handset with armored cable.
- *Optional* Braille "emergency" plate.
- Noncorroding #316 Stainless Steel weather resistant enclosure with 'tamper resistant' security screws.
- Slim design for easy mounting.

### Applications

- Access control for high security sites.
- Emergency telephone for public areas.
- Security/Help telephone.
- Access control for single resident applications.
- Information/assistance telephone at financial services and traveller aid kiosks.
- Storage Facility remote communications telephone.

### Operation

When the handset is lifted, the HS-2 calls a programmed telephone number. If the called number is busy or does not answer, the HS-2 will automatically dial a backup number. If the backup number is busy or does not answer, the HS-2 will attempt the primary number again. It will continue dialing again and again. Once answered, assistance may be rendered.

The HS-2 has two operating modes:

#### Standard Mode:

When the handset is lifted, the HS-2 dials its programmed telephone numbers as above. When the call is answered, the called party uses their telephone keypad to activate relays in the HS-2. This allows control of entrances, cameras, alarms, and more. The Standard Mode is frequently used for access control.

#### Emergency Mode:

When the handset is lifted, the unit engages its primary relay for the duration of the call, pulses the secondary relay for one second, and then begins dialing according to its programming. This call can only be terminated by the answering party. This mode is frequently used for help, assistance, and duress call applications. Warning lights and camera switches may be attached to the relays. This provides immediate notification and attention to problem situations.

The HS-2 can be programmed with a unique Site ID code. The HS-2 will transmit the code as tones when the called party presses a key on their telephone. This allows site identification even if the caller is unable to speak. A TRIGON Decoder can be employed to automatically interpret the Site ID code and display information regarding that site.



# HS-2

## Specifications

**Design** - Handset telephone.

**Capacity** - One primary and one secondary backup telephone number. Each up to 16 digits in length.

**Operation Modes** - Two; Standard access control, or Emergency relay closure.

**Response Assurance** - Unit cannot be disabled by hanging up handset after Emergency Mode operation sequence is started. Only remote attendant can terminate call.

**Site ID** - Programmable 4 digit code.

**Programming** - Remote via touch-tone telephone.

**Power** - 110V/12VAC, 40VA, Class 2, transformer included.

**Output Ratings** -

Power Relays: 5 AMPS @ 12VDC or 1 AMP @ 110VAC

Alarm Shunt Relay: 250ma @ 12VAC

**Output Duration** - Programmable; momentary to 45 seconds.

**Inputs** - Push-to-exit button or postal lock box.

**Telephone Line** - Standard touch-tone or rotary. Compatible with most PBX analog ports.

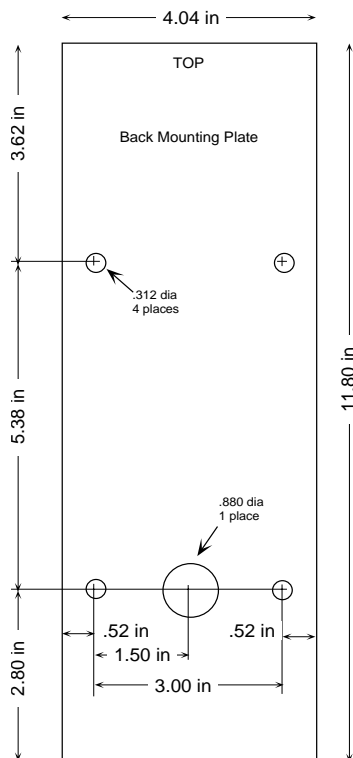
**Mounting** - Surface, with flush or pedestal mount options.

**Construction** -

- Noncorroding #316 Stainless Steel weather resistant enclosure and backplate with 'tamper resistant' security screws.
- Public telephone grade handset with armored cable.

**Operating Temperature** - -5° F to +120° F

## Mounting



## Accessories / Options

**Line Filter** - Suppresses RFI/EMI from input power line.

**Flush Mount Back Box with Bezel** - Used to flush mount unit into a wall or other surface. Bezel enhances flush mount appearance.

**Lighted Hood** - An aid for outdoor applications, pole, or pedestal mounting.

**Postal Lock Box** - Allows keyed access to postman.

**DECODER** - Desktop device decodes and displays Site ID information.

**Call MANAGER** - Call routing and switching system. Allows multiple Model 12 units to operate with few or no outside lines.

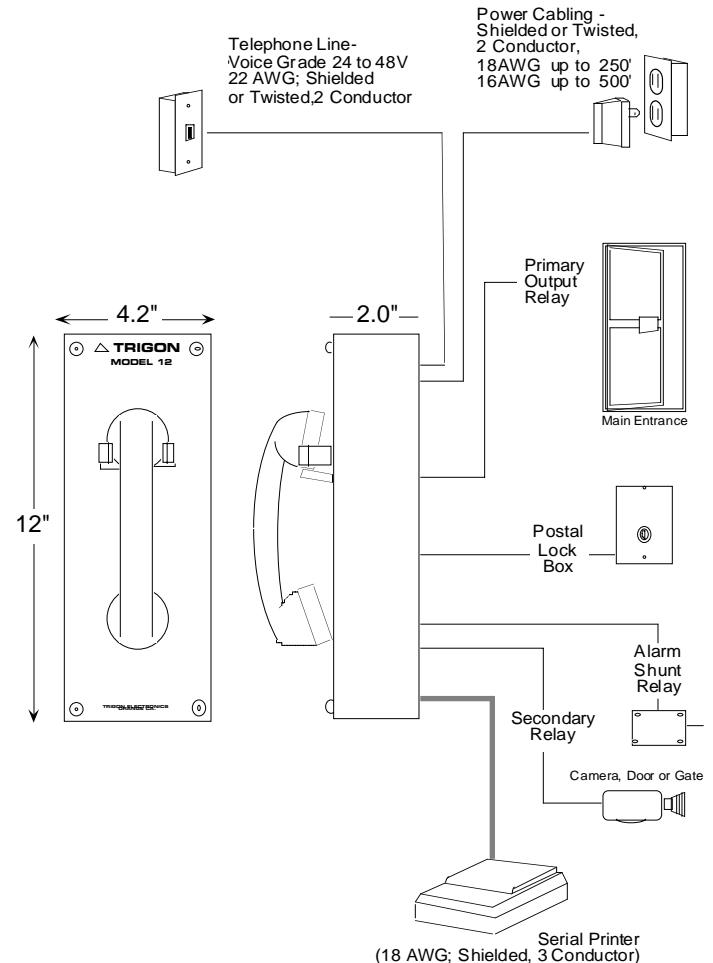
**Fiber Optic Compatible**

International Fiber Systems model #s;

TT 2010, TR 2010, TT 2010WDM, TR 2010WDM,

TT 2030, TR 2030, TT 2030WDM, TR 2030WDM

## Dimensions/Hookup



**TRIGON**  
ELECTRONICS, INC.