



# SECURE-TECH

DETENTION ELECTRONIC SYSTEMS

ETECH CONTROLS CORPORATION - MANUFACTURER  
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**MODEL  
HC-0846**

## PLC 8 STATION INTERCOM SELECTOR

### FEATURES:

- 8 PLC CONTROLLED STATIONS
- 16 SELECT STATUS RED LEDs
- 16 CALL-IN STATUS YELLOW LEDs
- 2 AUDIO BUSSES
- ACCEPTS HC-0654 SOUND ALARM
- SINGLE OR DUAL MASTERS
- 12 OR 24 VDC OPERATION
- 2 IN-USE BUSSES
- ALL PLUG CONNECTIONS
- 3.25" SNAP TRACK MOUNT
- 2 YEAR WARRANTY

### FUNCTIONAL DESCRIPTION:

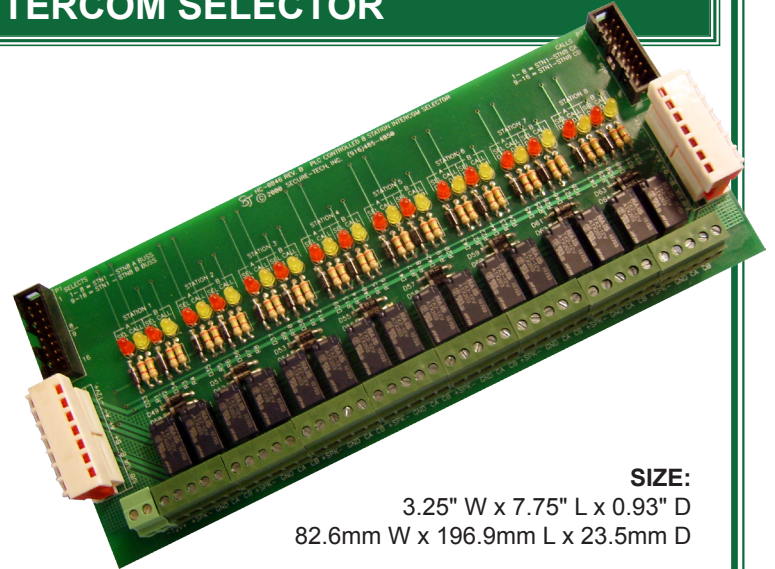
The HC-0846 provides the inputs and outputs for up eight intercom stations or paging zones, for operation by a programmable logic controller, with access to two different audio busses. It interfaces with all major manufacturers' PLCs and the HC-0682 System Controller.

The ability to configure this product to be used in many different applications makes it very versatile. A single master can control eight audio channels, and select them individually to two different audio busses, i.e. intercom or music background. Or, two separate masters can share eight channels. Molex type insertion tool terminating plugs are more cost effective and Phoenix type compression screw terminal plugs accept a range of conductor sizes. The HC-0654 Sound Alarm daughterboard can be plugged directly onto the HC-0846 when the field connectors are Molex type.

Each audio channel provides a red Select status LED and a yellow Call-in status LED. Two In-use busses are provided. Call-in "B" is the normal field input point. Use call-in "A" when the HC-0654 Sound Alarm daughterboard is used. The Sound Alarm uses the call-in "B" input point. Or, two separate call-in buttons may be used per audio channel.

### INPUTS / OUTPUTS:

Sixteen Call-in inputs and sixteen relay outputs are provided. Relay DPDT contacts are UL/CSA rated for 125 VAC @ 0.5 amp and 30 VDC @ 2 amps. The control I/O is connected via two 16-pin male ribbon headers. The mating female ribbon plugs are provided.



### SIZE:

3.25" W x 7.75" L x 0.93" D  
82.6mm W x 196.9mm L x 23.5mm D

### POWER:

12 VDC or 24 VDC, 500ma

### MODELS:

HC-0846-12-M	12 VDC, Molex (motherboard)
HC-0846-24-M	24 VDC, Molex (motherboard)
HC-0846-12-P	12 VDC, Phoenix (no sound alarm)
HC-0846-24-P	24 VDC, Phoenix (no sound alarm)

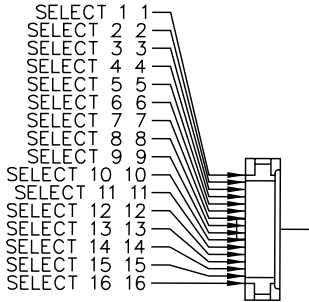
Note: There are other variations of this product available, with 90° angle Molex connectors, that plug onto an HC-0723 Intercom Exchange motherboard (not in catalog) to accommodate special applications like separate day and night sound alarms; additional masters; and duress alarm auto-selection to listen mode with CCTV picture call-up, all with high density space savings. Call the factory for special applications assistance.

*ST The Sign of Excellence*

# MODEL HC-0846 PLC 8 STATION INTERCOM SELECTOR

## HOOK-UP DIAGRAM ALL CONTROL FUNCTIONS ARE SINKING

FROM OUTPUT MODULE



TO INPUT MODULE

