



# SECURE-TECH.com

DETENTION ELECTRONIC SYSTEMS

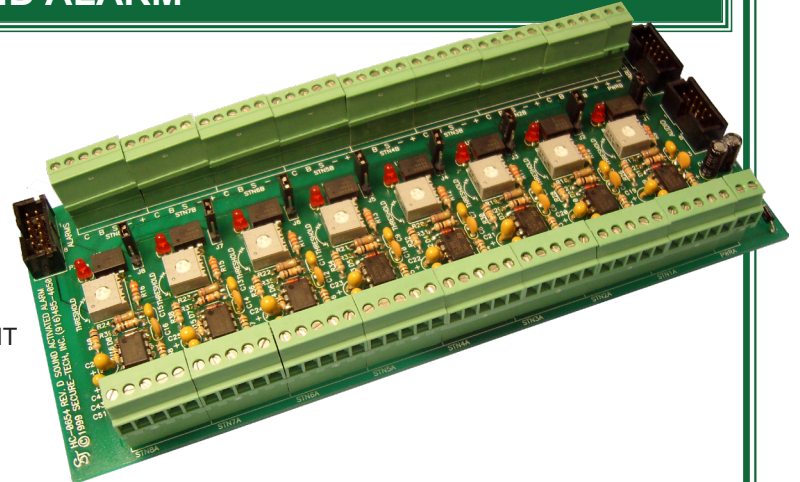
ETECH CONTROLS CORPORATION - MANUFACTURER  
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**MODEL  
HC-0654**

## SOUND ALARM

### FEATURES:

- 8 OPTO-ISOLATED (7500V) INPUTS
- AUDIO THRESHOLD MONITORING
- USED WITH HC-0644, HC-0845, OR HC-0846
- ALL PLUG CONNECTION
- 8 ENABLE / DISABLE INPUTS
- 8 AUDIO OUTPUTS
- 8 ALARM OUTPUTS
- DAUGHTERBOARD OR 3.25" SNAP TRACK MOUNT
- 2 YEAR WARRANTY



### FUNCTIONAL DESCRIPTION:

The HC-0654 provides audio threshold monitoring for eight intercom / paging channels.

When a monitored intercom or paging speaker / microphone channel has audio present that exceeds the threshold set for that channel, an intercom call-in and a separate alarm output is generated.

The alarm threshold sensitivity setting for each of the eight monitored channels is separately adjustable. Jumper terminals are provided for each channel to enable / disable alarm monitoring. A separate audio output is provided for each channel to allow recording of our line level signal upon alarm generation.

The daughterboard models plug onto the Molex type field wiring terminals of an HC-0644-M or HC-0846-M intercom selector. The snaptrack mount models provide for interface with the HC-0845 PLC 16 Station Intercom Selector or for obtaining separate day and night level settings on the same audio channels by using two HC-0654 boards in parallel operation.

### INPUTS / OUTPUTS:

Eight speaker / microphone and call-In input channels are provided. Eight sound activated call-In outputs and eight separate alarm outputs are provided. Eight enable / disable inputs and eight audio outputs are provided.

Eight busy I / O points are provided to interface shared masters.

Field wiring terminates on five pin Molex insertion tool type or Phoenix type compression screw terminal plugs.

The enable / disable inputs, alarm outputs, and audio outputs are connected on 10-pin male headers. The mating female ribbon type plugs are provided.

### SIZE:

3.75" W x 7.75" L x 0.81" D  
95.5mm W x 196.9mm L x 20.6mm D

### POWER:

12 - 14 VDC, 60 ma

### MODELS:

- HC-0654-M-M-D Molex out, Molex in, Daughterboard
- HC-0654-M-P-D Molex out, Phoenix in, Daughterboard
- HC-0654-M-M-S Molex out, Molex in, Snaptrack mount
- HC-0654-P-P-S Phoenix out, Phoenix in, Snaptrack mnt

*ST The Sign of Excellence*

# MODEL

## HC-0654C SOUND ALARM

### HOOK-UP DIAGRAM

