# SECURE-TECH
## DETENTION ELECTRONIC SYSTEMS
**ETECH CONTROLS CORPORATION - MANUFACTURER**
**4051 ALVIS COURT #3, ROCKLIN, CALIFORNIA, USA 95677**
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## LOC-COM SERIES

# INTERCOM AND PAGING ASSEMBLIES OR KITS

## FEATURES:

➢ **NEC 725 COMPLIANT -** FACTORY TESTED
➢ HC-0826 INTERCOM AMPLIFIER
➢ HC-0644 8 STATION INTERCOM SELECTORS
➢ ALL PLUG CONNECTION (EXCEPT POWER)
➢ OPTO-ISOLATED (7500V) INPUTS
➢ FUSED 12VDC POWER SUPPLY
➢ NEMA RATED ENCLOSURE
➢ CONTROL PANEL KIT
➢ ECONOMICAL UNASSEMBLED KITS AVAILABLE *
➢ 2 YEAR WARRANTY

**WOW!**

## FUNCTIONAL DESCRIPTION:

Factory assembled and tested intercom / paging control electronics packages are **NEC (National Electrical Code) Compliant**, and are designed for use with a hardwired type custom control panel. Separate control panel(s) may have either momentary or maintained contact switches. A control panel kit is provided that includes a 2.5" diameter speaker, electret microphone and volume control.

The HC-0644 8 Station Intercom Selectors are input and output programmable and may be configured to provide special functionality. See the HC-0644 catalog sheet for more information.

The assemblies are available in many different sizes, ranging from 8 to 128 audio switching channels, and with either Molex or Phoenix type field wiring plug connectors. An HC-0826 Intercom Amplifier is provided to interface with a separate custom control panel and an external power amplifier. A separate audio power amplifier, not included, is recommended for selectable audio loads that exceed eight watts. See the HC-0826 Intercom Amplifier catalog sheet for more information.

## INSTALLATION:

Wall mount the Nema rated enclosure and conduit connect one fifteen amp circuit of 120vac 60hz power. Connect the separate remote hardwired control panel with 25 pair telephone type cable(s), one twisted / shielded pair(s) audio speaker / microphone cable, and two conductors for 12vdc power and ground.

The 25 pair telephone type plug connections at the remote hardwired control panel **must match signal wirelists** that are provided by Secure-Tech. The remote hardwired control panel is factory tested and guaranteed to function properly **only when manufactured by Secure-Tech.**

Field audio circuit cables are to be connected directly to the HC-0644 8 Station Intercom Selectors on Molex (-M) insertion tool type or Phoenix type (-P) compression screw terminal plug connectors provided.

## OPTIONS:

1. HC-0654 Sound Alarm functions may be added if Molex (-M) insertion tool type connectors are selected for field wiring on the HC-0644 8 Station Intercom Selectors.

2. Call Forwarding, Dual Call, Scan, or custom software functionality can be provided on the HC-0644 8 Station Intercom Selectors.

3. Additional audio busses to obtain multiple audio functions on each channel, i.e. intercom / music background.

* Kits do not include either a power supply or an enclosure.

*The Sign of Excellence*

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## HOOK-UP DIAGRAM