



**142/20 Master Station (shown)**



**8870**

**HT3009/2W**

**HT2009/2WH**

**Remote Handset Models**

## 142 Series Annunciator Switchboard Intercom

The Alpha Communications®/Elvox™ 142 series intercom system is an internal intercom switchboard system that can be used in Luxury Apartment Buildings, Dormitories, Health Care Facilities, Elevators, Hotels, Motels, Schools, Offices, Bowling Alleys and Supermarkets. The 142 series is an advanced system, with individual lamp annunciation, conversation privacy, and large remote handset capacity. Models above 60 stations incorporate a 'station multiplier' feature, that allows the amount of station selector switches to be reduced by half. This feature greatly reduces the overall size of the master station, for larger systems.

Up to 120 (or more) remote handsets can be used, and all handsets can call to the switchboard (or be called from the switchboard), with full communication privacy. All handset models are White plastic and easily mount right on the wall or over a single gang flush electrical back box. All handset models can also be mounted over our optional model AP001 or AP777 adapter plates, when installing the handsets over an existing oversized flush intercom back box.

### FEATURES

- Individual Lamp Annunciation (Call-Down)
- Easy 2-Wire Intercom Hookup to Remotes (1-common)
- Private Conversation between Handset and Switchboard
- Up to 120 (or more) Remote Handsets on one system
- Choice of Three (3) Handset Models Available
- Electronic Call Down Signal

### SYSTEM COMPONENTS

**Master Station:** *Model 142/xxx.* Use 1 per system. Dimensions depend upon the size master being used. Contact us for complete dimensional information. **Material:** Black color ABS plastic. Can be Flush, Surface or Desk Mounted.

**Remote Handsets:** *Model 8870 or model HT3009/2W or model HT2009/2WH.* **NOTE:** Models 8870 comes in 5-wire configuration, and must be field modified to work a 2-wire unit. The model HT3009/2W and HT2009/2WH come standard in a 2-wire configuration, without any field modifications required.

**Power Supply:** *Model 936.* One (1) required per system. Requires 117VAC primary power. Surface Mounting.

**Wiring Required:** Use 1-conductor #22AWG (common) and 1-conductor #22AWG (selective) for each remote handset location.

*Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.*

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom system shall be Alpha Communications®/ Elvox™ 142 series, or approved equal. At the master location contractor shall furnish and install one (1) model 142/xxx (xxx=number of lamps in multiples of 10 up to 60 stations or multiples of 20 for larger masters) switchboard station. Master station shall have built-in system amplifier, lamp annunciators, call-down signal, momentary call-up push-button, and privacy handset. All selector switches shall be supplied with (AN-001) custom annunciator markings, protected by plastic lens caps. At each remote location contractor shall furnish and install one model HT3009/2W White handset (or model HT2009/2WH or model 8870).

Wiring to remote handsets shall be #22AWG (up to 2,000 feet) with 1-common and 1-selective wire per remote handset location. Contractor shall furnish and install one (1) model 936 power supply. Contractor shall observe all local and national electrical and building codes and shall wire system as per manufacturer.