



Product Specification Sheet



APS504

Rev. 2 - 03/2003



**142A 10-Unit
Master Station
(shown)**



**8870
Remote Handset Models**



902



**HT3009/2A
(Anthracite)
with flush
adaptor**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The intercom system shall be Alpha Communications®/ Elvox™ 142A series, or approved equal. At the master location contractor shall furnish and install one (1) model 142x (x=A thru Z depending upon 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 142 masters shall be sequentially numbered at the factory. At each remote location contractor shall furnish and install one model HT3009/2W white handset (or model HT3009/2A or model 8870 or model 902).

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 836 power supply. Contractor shall observe all local and national electrical and building codes and shall wire system as per manufacturer.

142A Series Annunciator Switchboard Intercom

The Alpha Communications®/Elvox™ 142A 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 142A 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. Model 8870 and model 902 handsets are two-tone White/Black, model HT3009/2W is All-White, and model HT3009/2A is Anthracite (Charcoal Grey) All handset models 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 142x. 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 902 or model HT3009/2W or model HT3009/2A. NOTE: Models 8870 and 902 come in 5-wire configuration, and must be field modified to work as 2-wire units. The model HT3009/2 units come standard in a 2-wire configuration, without any field modifications required.

Power Supply: Model 836. 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.