



**945A Master
Switchboard**



**940
Remote
Handset**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The digital electronic audio door entry system shall be Alpha Communications®/ Elvox™ 945A series, or approved equal. At the master location contractor shall furnish and install one model 945A digital switchboard station and associated (6941, 6942) power supplies. Master station shall be desk mount type, Black thermoplastic, and shall have numeric display, 12-key alphanumeric keypad, and privacy handset. At each remote location, contractor shall furnish and install one (1) model 940 handset. Each handset shall include its own unique 4-digit coding and decoding microcontroller. Handsets shall be White/Black color and shall mount right to wall or standard single gang electrical "gem" box. Wiring to handset shall be 4-common wires (looped) per handset. Each remote handset shall have two (2) auxiliary alarm inputs, which upon momentary "dry" contact activation, shall send an alarm signal to the model 945A master (concierge) station. Contractor shall observe all local and national electrical codes.

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945A Series Digital Electronic Audio Door Entry Systems

The Alpha Communications®/Elvox™ 945A series is a Digital Electronic Audio Door Entry System that can be used in Luxury Apartment Buildings, Assisted Living Facilities, Dormitories, Health Care Facilities, Hotels, Motels, Schools, Offices, Bowling Alleys and Supermarkets. The 945A series is an advanced 4-digit electronic system with user code programming directly from entrance panel or switchboard. This system is ideal for large building units because many installation problems have been solved by eliminating the use of switching modules, and its large capacity of 9,999 remote handsets.

FEATURES

- Easy 4-Wire Intercom Hookup to Handset (looped)
- Private Conversation from Handset to Switchboard
- Up to 9,999 Remote Handsets on one system
- Compact Size 945A Master Switchboard Mounts Conveniently right on Desk-Top
- Up to 8 remote Digital Dial (942 Series) Entry Panels

SYSTEM COMPONENTS

Switchboard: Model 945A. Switchboard with numeric display and 12-key alphanumeric keypad. Dimensions 12.25"W (310mm) x 9.25"D (235mm) x 4.75"H (120mm).

Handset: Model 940 White/Black. Wall mounted handset with door lock release or switchboard call button, 4-digit coding and decoding microcontroller and option to install additional buttons for special functions. Mounts directly on wall, or over single gang electrical "gem" box. Dimensions: 3.55"W (91mm) x 8.75"H (223mm) x 2.75"D (70mm).

Power Supplies: Model 6941. Use for up to 200 remote handsets with decoder, 50 digital distributors, 2 entry panels or 1 entry panel and 1 switchboard. Equipped with frequency-modulated electronic call circuit, call exclusion on activation of phonic line, entry panel and handset "power-on" indicator led, "door lock release control" indicator led, "phonic line" indicator led, indicator leds for auxiliary functions 1 and 2 and relay connection outputs for auxiliary functions. Dimensions with covers inserted: 8.20"W (208mm) x 5.30"H (135mm) x 2.85"D (72mm). Model 6942 additional power supply. Use for installations with more than 200 remote handsets (one unit required for approx. every 200 additional users). Same dimensions as model 6941.

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

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