



945B 8-Digit DigiBus Digital-Dial Switchboard Station



Architects' And Engineers' Specifications

At each master switchboard location, contractor shall furnish and install one Alpha Communications® / Elvox model **945B** (8-digit) DigiBus™ Master Switchboard station, or approved equal, and associated (6941, 6942, 6948) power supplies. Master station shall be desk mount type, molded Black ABS plastic, and shall have LCD display, door release button/switch, Day/Night operation switch, call transfer, call conference, call memory scroll and privacy handset. At each remote location, contractor shall furnish and install one (1) model **6204** (or equivalent) handset (with or without the optional video monitor station). Each handset shall include its own unique 8-digit coding and decoding microcontroller. Handsets shall be Soft White 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 **945B** master (concierge) station.

Contractor shall observe all local and national electrical and building codes.

945B (8-Digit) DigiBus™ Desktop Master Switchboard

The Alpha Communications® / Elvox **945B** is a Master Switchboard for the 8-Digit DigiBus™ system. It can be used in Luxury Apartment Buildings, Assisted Living Facilities, Dormitories, Health Care Facilities, Hotels, Motels, Schools, Offices, Bowling Alleys and Supermarkets. The **945B** provides conversation with remote handset stations as well as door entry station(s). LCD readout annunciates both incoming and outgoing calls, F1 and F2 emergency/alarm signals by apt. code. Call signalling is by pleasant electronic tone. The **945B** also has provisions for Day/Night operation with part time doorman/concierge/ guard by switching conversation to entry station(s). This station 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 99,999,999 remote handsets.

Features

- Easy 4-Wire Intercom Hookup to Audio Handsets (looped)
- Private Conversation from Handset to Switchboard
- Up to 99,999,999 Remote Handsets on one system
- Compact Size **945B** Master Switchboard Conveniently mounts right on Desk-Top
- Multiple Entry Panel Capability and Switching
- Up to two (2) **945B** Masters per system

System Components

Switchboard: Model **945B**. Switchboard with LCD display, door release button/switch, Day/Night operation switch, Call transfer, call conference, call memory scroll and privacy handset. Dimensions 12.25"W (310mm) x 9.25"D (235mm) x 4.75"H (120mm).

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 frequencymodulated 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**.

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