

Model 6000D

"No Phone Charge" Telephone Management System

Description:

The Trigon Model 6000D is an automated switch system for use with entry control telephones - either programmable dialers or doorman stations. It turns any resident's telephone into a door intercom station. The system allows station-to-resident, resident-to-station and station-to-station calls. The model 6000D offers up to eight (8) stations that can be called by the resident or another station. The system can handle up to eight simultaneous resident to station/station to resident and/or up to four (4) simultaneous station to station calls.

Telco non-subscriber circuitry (Patent Pending) automatically insures continuous call down capability whether the resident has Central Office telephone service or not.

The system installs in the structure's telephone room where it connects directly to each resident's telephone line. Connections are made via standard telephone company blocks to assure normal telephone services. The system is comprised of easily serviceable circuit cards mounted in space-efficient racks and sturdy cabinets.

The Model 6000D provides a wide level of features including call-waiting and custom programmability.

Features:

- ▲ Sixteen channel operation - unlike single channel systems, failure of one channel does not disable the entire systems.
- ▲ **Works with DSL connections**
- ▲ Allows resident-to-station (up to eight (8) stations) as well as station to resident calls & station to station calls.
- ▲ Stations can be doormen, concierge, management, garage or entry telephone.
- ▲ Telco non-subscriber circuitry (Patent Pending) insures continuous call down capability whether the resident has Central Office telephone service or not.
- ▲ Unique ringing cadence identifies entrance calls
- ▲ Entrance call waiting can be blocked for uninterrupted modem or fax use.
- ▲ Serves up to eight (8) individual entrances that operate independently of each other and allow simultaneous operation.
- ▲ Call waiting/gate waiting alert tones.
- ▲ Call Forwarding
- ▲ Can be used with existing dedicated telephone line entry equipment.
- ▲ Expandable....building block system of components
- ▲ Programmable via direct RS-232 computer link or remotely via modem using Trigon's Tri-Com Software.
- ▲ RS-232 link for local printed audit trail and programming support
- ▲ Non volatile memory - resume normal operation if power is reset.
- ▲ Independent operation from outside phone lines assures "No Phone Charges" for calls from an entrance to a resident



Operation:

Operation of the Model 6000D is nearly transparent to the user. Visitor or doorman calls are received on the resident's telephone as with any other call. However, the call will have come from the Model 6000D, not the telephone company. This allows any of the resident's telephones to replace the intercom box at the door! The procedure employed by the resident to grant or deny visitor access is dependent on the entry system employed. With typical entry products, such as those by Trigon, the resident will press "0" to grant entry. To deny entry the resident can press "7" or simply hang up.

If a resident is on the telephone at the time a visitor attempts contact, the resident will hear two 'entrance call waiting' tones. Likewise, if the visitor is speaking with the entrance and an outside call is inbound, the resident will hear ring tones in their telephone. Entrance call waiting tones may be blocked during Fax or Modem calls.

If the resident is served by a 'concierge call' capable system, they may request a doorman call back. The request is placed by lifting the handset and pressing 4,8,# then hang up. The system stores the calls in the order received, then transfers them to the doorman. Upon hearing the telephone ring, the doorman/concierge returns the call by lifting the handset.

Because the Model 6000D is processing the calls between the entrance and the resident, the telephone company is not involved. The system owner or management company is therefore not billed for the call.

Model 6000D

"No Phone Charge" Telephone Management System

Specifications:

Design— Sixteen channel electronics. Supports 8 simultaneous entrance calls. Precludes single channel failure from disabling the system.

Capacity - Expandable system supports up to 8 stations and up to 1000+ residents.

Entrances - Connects a combination of up to eight (8) stations, each equipped with an auto dial entrance control telephone or ordinary desk phone.

'Concierge Call' - One station is designated as the concierge/doorman's telephone. Allows resident to signal or a concierge call back. Concierge can also initiate the call to the tenant

Call Waiting - Generates both 'entrance call waiting' and 'outside call ringing'.

Telephone Service - Touch-tone is required to utilize all features.

Connections - Connects via standard RJ - 71-C telephone interface block and 50 pin connector cables.

Programming - Customize dialing tables to suit entry equipment and call forwarding needs. Connect via direct computer link or remote via optional Modem and Tri-Com software.

Isolation, Relay Control- Resident telephone lines are controlled by normally closed contacts to assure telephone service in case of power failure.

Inputs - RS-232 feed from entrance units, computer, and/or RJ-11 modem jack.

Outputs - RS-232 serial output to printer for entrance unit activity log.

Mounting:

See Options for wall mount cabinet dimensions.



Construction / Mounting

Electronics are housed in standard 19" wide electronic racks. Racks fit optional sectional wall-mount cabinets.

Power - 120VAC switching power supply

Operating Temperature - +32° F to +120° F

Accessories / Options:

Entrance Options - Up to eight entrances may be connected.

Modem - 1200 Baud internal modem for remote programming.

RJ-71-C Connector Kit- Includes connector block and 15 foot cable assembly with 50 Pin Connectors. Provides connection between telephone lines and Model 6000D. Installation by local telephone company may be mandatory.

Cabinet - Sectional wall mount cabinets for 19" electronic racks.

Single Cage 20.7"W x 20.5"H x 15.5"D

Two Cage 20.7"W x 29"H x 15.5"D

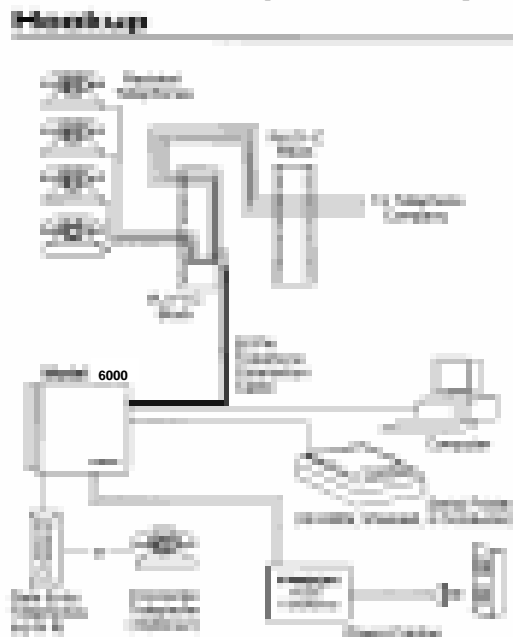
Three Cage 20.7"W x 45"H x 15.5"D

Four Cage 20.7"W x 64.2"H x 15.5"D

Tri-Com - Remote Programming Software.

Entrance Telephone—See the Trigon Miniguard Series or Minipak Series for a full compliment of entry control equipment.

Dimensions / Hookup:



 **TRIGON**
ELECTRONICS, INC.

PH: (951) 371-1730 • FAX (951) 371-2592 • 255 Glider Circle, Corona CA 92880

www.TrigonElectronics.com