

# Sentex SPECTRUM SERIES

The Spectrum System answers the call for a durable, vandal resistant, telephone entry system used in applications that require a paper directory insert or an external directory. Since Spectrum Systems use the existing telephone network, there is no new wiring necessary between the entrance and each office or tenant. The called party simply talks to the visitor using their phone and grants access by pressing "9". As a result, you save thousands of dollars over the cost of installing a hard-wired intercom, not to mention the saving on maintenance costs over the life of the system.

The Spectrum is an especially cost-effective and attractive solution for most buildings and gated communities. Units are housed in a rugged, stainless steel enclosure with a recessed, internally edge-lit metal keypad for easy viewing day or night. Either unit can be installed inside or outside because they are engineered to withstand harsh weather conditions and vandalism. Regardless of the unit chosen, all features and functions are identical and both can be hands-free or utilize a handset.



***Spectrum***



***Spectrum DI***

Two versions are available, the standard Spectrum and Spectrum-DI. The standard unit consists of a telephone keypad with no directory listing. It assumes a directory list exists outside of the enclosure. The Spectrum-DI is provided from Sentex with a paper directory insert, capable of supporting 125 typed names. Additional names can be displayed by utilizing additional directory modules that hold 125 names each.

There are several ways of programming a Spectrum. If a computer is available you can use the intuitive computer based software tool for retrieving, sorting, and programming the unit. If a computer is not available, they can be programmed using a standard touch-tone phone or the Spectrum's 12-digit keypad. Whichever method you select, guided prompts ensure programming time is kept to a minimum.

As with all our Telephone Entry Systems, the Spectrum also boasts a multitude of features that makes the installation quick, operation simple, and management effortless. If you want a rugged, yet attractive, telephone entry system than the Spectrum is the perfect choice.

*Since 1983, Sentex Systems has continued to exceed our customers' expectations through quality products, expert innovation, premium value and superior service. Having recently merged with Link Controls of New York and AccessMaster of Waupaca, Wisconsin (formerly Moore-O-Matic), now the Sentex name means even more to you.*

# The Spectrum Series

## Full-Duplex Communications

Provides crisp clear audio in both directions without clipping, even in most noisy environments.

## Entry Codes

Each resident can be assigned a 4-digit access code that is used to unlock the gate or door. An additional 10 access codes are provided for vendors or management so the maximum capacity can be used for tenants.

## Long Distance and PBX Dialing

Due to the amount of area codes in a single region, many areas are updating from a 7 digit dialing sequence to a 10 and 11 digit sequences. The Spectrum supports up to 11 digits on a typical phone system and interfaces seamlessly to a PBX system where extensions are utilized. Up to a 6-digit extension can be used for PBX type systems.

## Programming Methods

The Spectrum supports programming via a standard touch-tone phone, the units 12-digit keypad, or windows based programming software (SVWIN).

## Tone/Pulse Dialing

Each system can be site configured to operate on the two types of available phone lines.

## Variable Code Length

The Spectrum will accept up to a 4-digit directory code length so apartments or suite numbers can be matched making it easier to locate the intended party.

## Programmable Talk Time

The time allotted for a visitor and tenant to talk is adjustable from 15 to 250 seconds.

## Multiple Entry

Allows multiple Spectrum units to be connected to a single telephone line saving you the cost of additional phone line charges. Up to 3 units may be placed on the same line.

## Controllable System Relays

Allows the main gate and an auxiliary connection (a second gate or door) to be controlled, such as opening to let a visitor enter. The relays can be remotely managed from the manager's touch-tone phone. The relays can be latched open or closed.

## Programmable Relay Times

The two relays can also be programmed to activate for a pre-determined time range of 1-63 seconds to allow visitor access.

## Internal Modem

Provides the ability to program the telephone entry system via a personal computer from any remote location with a standard phone line. This provides a more convenient method of managing the system.

## Lightning Protection

Physical inputs and telephone line connections contain some protection against typical voltage spikes, such as phone line variances and lightning. However, in an area where lightning is prevalent, external surge suppressors should also be used to minimize any power hits to the unit.

## Non-Volatile Memory

In the event power is removed from the unit, the database information will be retained in memory allowing immediate start-up and operation when power is restored.

## Programming Display

A seven segment LED display is included that is viewable from the outside of the enclosure to ensure programming the unit is clear and concise.

## Postal Lock Provision

The Spectrum is provided with a switch for a generic Postal Lock key assembly to allow postal carriers access to a controlled area using the U.S. Postal Service Key.

## OPTIONS

### Directory Module

Each additional module is supplied in a lighted, stainless steel enclosure with Lexan window and capacity for 125 typewritten names and codes.

### Stainless Steel Housing

The Spectrum Series comes standard with a stainless steel faceplate and now can be ordered, as an option, with a stainless steel housing. This configuration will increase the resistance to most vandalism and withstand harsh weather conditions.

## Specifications

**Capacities:** 20, 40, 70, 115, 250, 500,750

**Dimensions:** **Spectrum**  
12.5"H x 8.5"W x 4.25"D (surface mount)  
12.5"H x 8.5"W x 3"D (flush mount)  
**Spectrum-DI**  
12.5"H x 16.5"W x 4.25"D (surface mount)  
12.75"H x 16.5"W x 3"D (flush mount)

**Power:** 12 VAC @ 3.4 amps peak  
13.5 VDC @ 1.0 amps

**Warranty:** One Year (extended warranty available)

05/00

