



# Spectrum

Digital Intercom System





## **Uses for a Spectrum system include:**

- **Correctional facilities**
- **Hospitals**
- **Parking garages**
- **Airports**
- **Corporate campuses**
- **Clinics**
- **Manufacturing plants**
- **Oil rigs**
- **Amusement parks**
- **Government installations**
- **Multi-Unit residential**
- **Elementary and higher education**
- **Office towers**

# SPECTRUM® 430/430-IP/460

For instant communication and clear, crisp voice quality, the Spectrum Series of Digital Duplex Intercom Systems with Clearplex™ technology is the obvious choice for hands-free communication. The Spectrum's digital signal processor instantly adjusts loud-speaking volume levels to compensate for acoustically difficult locations. This master-to-master intercom system is fully digital. It provides immunity from interference and ensures natural, clear voice communications from anywhere in the room.

With the Administrative Master Station there is never a busy signal. The attendant can field dozens of calls and answer them in any order. With built-in diagnostics, available redundant power sources, and battery back up, Spectrum will provide reliable operation in the event of a power or telephone outage. Station types include both desktop and wall mount units with loud-speaking duplex or handset operations. Master stations are equipped with a two-line LCD display. Special application units such as high security substations, manufactured from heavy-gauge stainless steel are available.

Spectrum provides seamless integration to graphic annunciators, PLCs, radio pocket page, CCTV, two-way radio,



- Non-blocking
- Caller-ID
- Seamless integration with access control systems
- Unlimited applications
- Flexible and expandable
- Built-in diagnostics
- Two-line LCD display with full

"Installation was completed in one day"

~ St. Mary's Medical Center

## SPECTRUM® 430

The Spectrum 430 is the smart, economical choice for smaller facilities. The compact central exchange is perfect for tight spaces and the Spectrum 430 is fully non-blocking so all stations can be in use at the same time. Spectrum 430 offers the same integration possibilities as the 460, and is an ideal, hands-free duplex voice communication system. Stations are constructed in durable stainless steel or aluminum.

## SPECTRUM® 430-

The Spectrum 430-IP intercom system connects to a LAN. This unique communication system boasts a vast array of the same features found in the Spectrum 430 and 460. Using a new or existing LAN for installation makes the 430-IP an ideal solution for a variety of security applications including detention facilities, parking garages, healthcare facilities, corporate campuses and beyond. The 430-IP utilizes packet audio technology, allowing for hands-free duplex audio.

## SPECTRUM® 460

The Spectrum 460 system is a standard-setting communications platform that can handle thousands of stations across wide geographic areas. A compact wall mounted unit houses the microprocessor-based fully-digital central exchange with plug-in circuit packs, power supply with battery backup, and pre-cabled standard telephone termination blocks. Digital Signal Processor technology provides state-of-the-art voice switching for hands-free communications.



## **JERON<sup>®</sup> MEANS**

Jeron's Spectrum intercom is engineered with the same integrity and know-how that, since 1965, has made Jeron's communication systems the choice in thousands of commercial, industrial, and correctional installations worldwide.

Jeron communication systems are available from a nationwide network of authorized, factory-trained dealers backed by Jeron's team of technical specialists.

Contact us today to learn more about Jeron.



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