



MTI Digicom Intercom System

NETWORK BASED

The MTI Digicom Intercom System is designed using the latest IP-network technologies. The communications between the master stations and the amplifier are directly based on the TCP/IP protocol.

BACKWARDS COMPATIBLE

The system is designed to be backwards compatible to MTI termination boards that have been manufactured since MTI's inception in 1987.



Major Features

- IP-Based Digital Audio
- Simple, 16-channel termination
- Intergrates seamlessly with MTI's ProVision Control System.
- Audio Level Monitoring
- Paging and All-Call
- Computer and Tablet based master options.
- Audio recording to log server.

The MTI Digicom intercom system is designed to be widely distributed across a multi-building campus but is also modular enough to be used in a single-building configuration with a small number of intercom stations. There are three major design features of the system which make it ideal for law-enforcement applications (jails, prisons, courthouses, Law Enforcement Centers). First, the MTI Digicom system is IP-based to the amplifier. Using network-based digital communications reduces the amount of interference induced on the audio as compared with completely analog systems. Additionally, utilizing IP-based communications allows for a much more flexible design, allowing the system to be more easily distributed across a wide area. In effect, wherever network can be provided, an intercom system can be provided and a talk path from any other location on the network can be accomplished.

Second, the Digicom system can be used with a Windows-based computer or tablet to provide master functionality for call routing and response. This means that there is no need for a separate system and master station within your control center.

Third, the Digicom system is closely integrated with the MTI ProVision detention control system. All of the control for call routing and response can be integrated into the same programming and user interface that is already used for the door and utility control. This means that there is no need to respond to an intercom call from a separate panel. The call-ins are announced on the same floor plan that the officer would be using to open and close doors.

Additionally, because of the tight integration with the MTI ProVision control system, interfacing for camera call-ups is built in. As long as the MTI ProVision system can integrate with the camera system, camera call-ups based on intercom traffic is a no-brainer.

Along with this, the Digicom system can record directly to the MTI Dragonfly Alarm Reporting system so that intercom traffic and even the audio conversations are provided as part of the audit trail for alarm and activity reporting.

FREE SUPPORT

MTI has always provided free telephone technical support during normal business hours (Monday – Friday, 8-5 CST). This support is provided for the life of the system. Additional after-hours support options are also available.

FREE TRAINING

MTI has also always provided free periodic technician training at our headquarters in Greenville, AL. This training is free to any owner or service contractor representing the owner. Certification is also available.

Including Digicom In Your Design

The MTI Digicom Intercom system meets or exceeds all of the functional requirements of a typical Division 28 intercom specification. Whether you are writing a specification for an RFP or modifying design documents for new construction, it is simple to include the MTI system in your specifications. Here is a list of some items that you can add or change to add the MTI system to your project.

- Include the MTI Digicom Amplifier (part # 91743) as an approved intercom amplifier.
- Also include the MTI intercom termination boards (part numbers 91129 and 91229) as approved intercom termination boards.
- Include MTI ProVision as an approved Human-Machine-Interface Software Application.
- Allow for the use of 4-wire audio cabling to the intercom staff stations.
- Include HP™ as an approved computer/server manufacturer.
- Allow or require the use of IP-based network communications between the amplifier and the HMI.

System Requirements

- At least 100BaseT network connection to all devices.
- At least a 1Gb network connection between switches.
- Uninterruptable Power Supplies for all workstations and control components.
- Cabling certified to BICSI and TIA standards.

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