

Field Technician

Pre-wire, install, connect, and configure electronic components for network, audio, video, security, lighting, and control systems. Components include router, modem, network devices; audio sources, amplifiers, speakers, and controls; video processing equipment, displays, projectors, and screens; security protection panels, detection devices, and controls; lighting control devices and systems; smart device and smartphone user interfaces for integrated systems.

Responsibilities:

- Pre-wire cables using hand tools and power tools
- Connect cables to distribution panels and termination outlets
- Signal test cabling, voltage check devices, and verify performance
- Build equipment racks on site or at the office location
- Read, perform, and document tasks outlined on a Work Order
- Deliver, unbox and remove packaging of products used in the field
- Read and follow manufacturer installation instructions
- Position and mount speaker brackets or speakers
- Position and mount video displays and projectors
- Position and mount video surveillance cameras
- Position and mount user interfaces
- Perform basic setup of installed equipment and systems
- Perform basic audio and video calibration of installed equipment
- Troubleshoot inoperable or failed equipment
- Document materials and equipment used and delivered to a project
- Deliver exceptional customer service

Skills:

- Safe use of hand and power tools
- Cable identification, specification, installation, connection, and testing
- Read and interpret floor plans, block diagrams, and schedules
- Position and mount speaker brackets or speakers
- Installation of equipment in a rack
- Setup a wired and/or wireless network
- Follow instruction
- Reading comprehension
- Verbal communication
- Active listening

Other expected skills:

Mechanically inclined
Technology oriented/friendly
Industrious (productive)
Fast yet thorough
Accurate

Knowledge:

- Fundamental mathematics
- Home technology industry
- Construction
- Jobsite Safety and Etiquette
- Cables, connectors, and termination
- Hand and power tools
- Industry standards
- Networking fundamentals
- Basic network security
- Sound, audio, and video principles
- Audio/Video sources and streaming media
- Basic Troubleshooting
- Project management and documentation
- Customer and personal service