



Essentials of AV Technology

Introduction to AV Systems

- Analog and Digital Signals
- Compression and Transmission

Networking

- Networking Components
- Network Connections
- Ethernet
- Internet Protocol (IP)
- Address Assignment
- Transport Protocol
- Security

Visual Systems

- Vision and Light
- Capturing an Image
- Video Signal Types
- Computer Display Characteristics
- Producing and Image
- Display and Projection
- Screens
- Perceived Quality

Audio Systems

- Hearing and Sound
- Acoustics
- Capturing Sound
- Audio Signal Levels
- Audio Components
- Loudspeakers
- Signal Level Monitoring
- Audio Applications

Infrastructure

- Control Systems
- Electrical Systems
- Signal Management
- Radio Waves



Customer Service and Future Trends

Customer Service
Future Trends