



Elements of System Fabrication (Online)

System Fabrication

Shop Build

- Shop Build
- Procurement
- Load In

Shop Build Assessment

Rack Build

- Rack Build
- Rack Build Considerations
- Rack Mounting
- Rack Wiring

Rack Build Assessment

Cable Handling

- Plotting a Cable Route
- Pulling Cable

Cable Handling Assessment

Mounting Equipment

- Mounting Hardware
- Mounting Placement
- Ceiling Mounting
- Mounting Malfunction

Mounting Assessment

Working with Electricians

- Working with Electrical Trades
- Grounding
- Power and Grounding Closeout

Working with Electricians Assessment

Audio System Installation

Audio Signals

- Audio Signal Pathway
- Audio Signal Levels

Audio Signals Assessment



Audio Components

Audio Components

Audio Components Assessment

Loudspeaker Installation

Loudspeaker Placement

Loudspeaker Installation

Loudspeaker Wiring

Loudspeaker Impedance

Direct Coupled and Constant Voltage Loudspeakers

Loudspeaker Taps and Transformers

Loudspeaker Installation Assessment

Microphone Installation

Microphone Installation

Wireless Microphones

Microphone Installation Assessment

Video System Installation

Video Signals

Introduction to Video Signals

Analog Video Signals

Digital Video Signals

Digital Video Signal Carriers

Video Wiring Schemes

Video Signals Assessment

Video Sink Installation

Projector Installation

Front Projection Screen Installation

Rear Projection Screen Installation

Ceiling Mounted Projectors

Direct View Display Installation

Video Sink Installation Assessment

Video Source Installation

Blu-ray Installation

BYOD: Bring Your Own Device

Video Conferencing Camera Installation

Video Source Installation Assessment



Video Processor Installation

Transmitters and Receivers

Video Processors

Video Processor Installation Assessment