Installation 1: System Fabrication

Preparing for Installation

Planning
   Importance of Planning

Site Survey
   Using a Scale
   Reading Drawings
   Conducting a Site Survey

Procurement
   Equipment Preparation

Cable Installation

Cable Routes
   Wire and Cable
   Ohm’s Law
   Impedance
   Balanced and Unbalanced Signals
   Cable Routing

Cable Pull
   Pulling Cable
   Cable Considerations

Terminating Cables

Cable Termination
   Preparation
   Termination Methods, Connectors, and Testing

Termination Methods
   Screw Terminal and Crimping
   Compression
   Linear Compression
Insulation Displacement
Soldering
Fiber Optic

Power and Grounding
  Power Considerations
  Grounding

Mounting

Mount Install
  Mounting Overview
  Mounting Hardware
  Mounting Types
  Mounting Considerations
  Visual Mounting
  Audio System Wiring
  Audio Mounting

Rack Building

Shop Build
  Rack Facts
  Building a Rack

Rack Build
  Wiring a Rack

Finishing Touches

Load In
  Transporting Your AV System

Installation
  Installation Closeout

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