

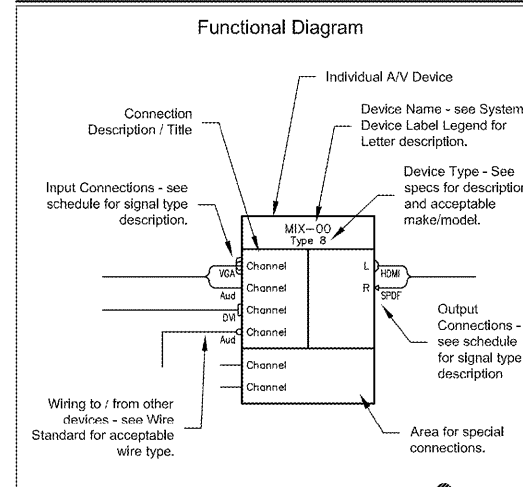
Audio/Video Plug Legend

Type	Drawing Graphic	Rear Connection	Comments
AUDIO			
RCA (Audio)		Solder Type	Red color for right channel & white color for left channel.
Mini Phone (3.5mm) - Surface Mounted		Solder Type	
1/4" Phone - Unbalanced (TS)		Solder Type	
1/4" Phone - Balanced (TRS)		Solder Type	
XLR - 3 Pin Male		Solder Type	
XLR - 3 Pin Female		Solder Type	
XLR - 6 Pin Male		Solder Type	
SpeakON - 4 Channel		Screw Capture	
EtherCON - CAT 5e, Shielded		Punch Down	
VIDEO			
RCA (Video)		Crimp	
BNC - Male		Crimp	
VGA (DE-15 Type) - Male		Solder Type	
HDMI - Male		Pre Molded by factory	
EtherCON - CAT 6A, Shielded		Punch Down	

Audio/Video Jack Legend

Type	Drawing Graphic	Plate	Rear Connection	Comments
AUDIO				
RCA (Audio) - Surface Mounted			Solder Type	Red color for right channel & white color for left channel.
RCA (Audio) - Recessed			Solder Type	Isolated mount; red & white color as above.
Mini Phone (3.5mm) - Surface Mounted			Solder Type	
1/4" Phone - TS, Locking			Solder Type	Solder rear connections; install jump between ring and sleeve connections
XLR - 3 Pin Male			Solder Type	
XLR - 3 Pin Female			Solder Type	
XLR - 6 Pin Male			Solder Type	Black Shell
1/4" Phone - TRS, Locking			Solder Type	
SpeakON - 4 Channel			Solder Type	
Ethercon - CAT 5e			IDC Punch Down	Use for digital audio networks
VIDEO				
RCA (Video) - Surface Mounted			BNC	Yellow color
RCA (Video) - Recessed			BNC	Yellow color
BNC - Surface Mounted			BNC	
BNC - Recessed			BNC	
VGA - DE-15 Type			Screw Note	5 BNC on pigtails
HDMI - Female Surface Mounted			See Note	Female HDMI on pigtail or Female HDMI
Mini DisplayPort - Female, Surface Mounted			Solder Type	
EtherCON - CAT 6A Shielded			IDC Punch Down	Used for digital video networks
NETWORK				
RJ45 - CAT 5e			IDC Punch Down	
RJ45 - CAT 6A Shielded			IDC Punch Down	
EtherCON - CAT 5e			IDC Punch Down	
EtherCON - CAT 6A Shielded			IDC Punch Down	
SPECIALTY				
XLR - 6 Pin Female			Solder Type	

Audio/Video Devices



Input/Output Signal Types

Video Signals	Audio Signals
Vd - Composite Video	Mc - Microphone Level
S - S-Video (Y/C Video)	Li - Line Level, Unbalanced, Line
Y/C - Analog Composite Video	UL - Unbalanced, Stereo Line Level
Opt - Optical Component Video	Sp - Speaker Level
RGBHV - Video (5 BNCs)	S/PDIF (Coaxial) Digital Audio
VGA - Digital Video (HD15)	AES/EBU Digital Audio
DVI - Digital Visual Interface	Opt - Optical S/PDIF (toslink) Digital Audio
SDI - Serial Digital Interface	AES - AES/EBU Digital Audio
HDMI - High Definition Multimedia Interface	RF - RF
SD - Serial Digital Interface	Net - Proprietary Network
SDSI - Multi-Channel Serial Digital Interface	Net - TCP/IP LAN Network
High Definition Multimedia Interface	Net - Universal Serial Bus
DisplayPort Interface	
IEEE-1394 based Interface (Firewire)	

A/V System Notes

- #1 Type 0 devices are Owner Furnish, Contractor Installed (OFCI) device. Make and Model shown on drawings are for general reference (final Make and Model may change).
- #2 All wire types shall match signal types except as otherwise shown.
- #3 All exposed wiring in open plenum shall be plenum rated type wire.
- #4 If possible, all audio signal wiring shall conform to balanced wiring configuration.

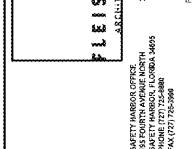
System Device Labels

Audio (27 41 30)	
ACD - Audio Cords	MAC - Microphone Accessories & Stands
ACR - Audio Control Relay	MHF - Mid/High Frequency Speaker
ADA - Audio Distribution Amplifier	MIC - Special Microphones
ADC - Analog Digital Converters	MIX - Audio Mixers
ADR - Analog Digital Recorders	MSP - Monitor Speaker
AHR - Analog Hard-Disk Recorder	MTX - Matrix/Routers
AIF - Analog Interface	MXA - Mixer Accessories
ALR - Audio Networks	MXM - Audio Networks
ALT - Assistive Listening Receiver	OSP - Outdoor Speakers
AMN - Audio Monitor Speakers	PA - Power Amplifiers
ANT - Antenna	PHN - Phonograph
APB - Audio Patchbays	PMX - Powered Mixers
ASP - Audio Signal Processors	PRE - Pre-Amplifiers
ATD - Audio Tape Decks	PSP - Powered Loudspeakers
CDP - Compact Disk Player	RFA - RF Distribution Unit
CMP - Compressor/Limiters	RMX - Room Mixers
CSP - Ceiling Loudspeakers	RMK - Room Makers
DLY - Signal Delays	SJG - General Loudspeakers
DSP - Digital Signal Processor	SUB - Subwoofers
EQ - Equalizers	TRF - Transmitters
HD - Horn & Driver Loudspeakers	VCA - Variable Control Amplifiers
IEM - In-Ear Monitoring	VL - Volume Controls
LF - Low Frequency Loudspeaker	WLR - Wireless Mic Receiver
LSP - Line Array Loudspeakers	WMT - Wireless Mic Transmitter
LVL - Audio Signal Levels	WSP - Wall Recessed Loudspeakers
	XO - Crossover
Video (27 41 40)	
CAM - Camera	RDA - RF Distribution Amplifiers
CCU - Camera Control Units	RVM - Rack Video Monitors
CC - Characterizing Codec	RTR - Video Routers
CGN - Character Generator	SCN - Scan Convertors
COM - Computer	STL - Still Stores
DEC - Decoders	TBC - Tim Based Correctors
DCM - Document Camera	TPR - Twisted Pair Receivers
DMP - Digital Storage Media Player	TPS - Teletypewriter System
DRV - Video Line Drivers	TP - Twisted Pair Transmitters
ENC - Encoders	TSC - Transcoders
GEN - Generators	TUN - Tuners
IFC - Computer Interfaces	TV - Television
LCU - Lens Control Units	VCD - Video Cords
LEM - Camera Lens	VCP - Video Capture Hardware
MON - Monitors	VDA - Video Distribution Amp
MTR - Meters	VDM - Video/Data Monitor
NVD - Network Video Device	VDP - Video Disc Player
OFR - Optical Fiber Receiver	VPS - Video Patchbays
OFT - Optical Fiber Transmitters	VPR - Video Presenters
PBD - Projection Boards	VPS - Video Production Switcher
PCU - Pan/Tilt Control Units	VSC - Video Source Controller
PLN - Projector Lens	VSD - Video Slide Device
PRC - Video Processors	VSU - Video Switchers
PRJ - Video Projectors	VTR - Video Tape Recorder
PTM - Pan Tilt Motor	
Master Antenna Television Systems (27 41 45)	
MOD - RF Modulator	SPL - RF Signal Splitters
RDA - RF Distribution Amplifiers	TAP - RF Signal Tapoffs
Remote Control (27 41 50)	
CPU - Central Processing Unit	POT - Potentiometer
CRD - Control Cords	PTM - Pan Tilt Motors
CSC - Control Signal Converters	PWR - CD Power Supplies
CSD - Control Switch & Distribution	RCP - Remote Control Panel
CLK - Clocks	RCU - Remote Control Unit
CTL - Controllers	RLY - Relays
ECL - Ethernet Control Interfaces	SEN - Sensors
HHR - Handheld Remotes	SEQ - Power Sequencers
KPD - Control Keypads	SWH - Switch
LMP - Lamp	TCP - Touch Control Panels
NDI - Nwk Devices & Interfaces	WCU - Wireless Control Device
	WCU - Wall Control Unit
Audio/Video Network & Computers (27 41 55)	
CPT - Computers	NMC - Network Media Converter
CIC - Computer Interface Cards	NPP - Network Patch Panel
CMN - Computer Monitors	NPS - Network Power Supplies
DEX - Device Extenders	NSW - Network Switch
IWB - Interactive White Board	OPP - Optical Fiber Patch Panel
KSW - KVM Switchers	OSE - Optical Fiber Splice Enclosures
	WAP - Wireless Access Point
Intercom (27 41 60)	
BSN - Beltpack Stations	PSN - Powered Station
IAN - Intercom Antenna	STN - Station
IAX - Intercom Auxiliary	TEL - Telephone Stations
ICD - Intercom Cords	TPS - Telephone Power Supply
IFB - Intercom Fold Back	WIS - Wireless Intercom Beltpack
IIF - Intercom Interfaces	WIM - Wireless Intercom Master
IPS - Intercom Power Supply	
Audio/Video Hardware (27 41 70)	
CAS - Equipment Cases	FMT - Projector Mounts
CNS - Equipment Consoles	RCK - Equipment Racks
DSK - Equipment Desks	STD - Stands
FMT - Flat-Panel Mounts	SMT - Speaker Mounts
FRM - Cardframes	TRK - Table Top Racks
LEC - Lecterns	TFP - Table Top Pocket
LIT - Lights	WRK - Wall Racks
Audio/Video AC Power Distribution (27 41 75)	
DPS - AC/DC Power Adapter	SEQ - Power Sequencer
MPO - Modular Power Outlets	SPO - Switched Power Outlet
PCD - Power Condition Device	STP - Power Outlet Strips
PFR - Power Outlet Frame	UPS - Uninterruptible Power Supply
PWR - DC Power Supplies	

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PERMIT SET

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