Cable Wire Device Connections

White/E-Rack/3

Cable Wires	Circuit ID / Circuit Name	Device Name / Terminal Wire Count	Device Type / Device Terminal Connection
1D-R06/07	To/From: Fitness Room		16-4
Black "Speaker -"	1D-R06 / Fitness Room: Background Audio L (North) Zone 1-1a	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 1-
Red "Speaker +"	1D-R06 / Fitness Room: Background Audio L (North) Zone 1-1a	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 1+
White "Speaker -"	1D-R07 / Fitness Room: Background Audio R (South) Zone 1-1a	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 1-
Green "Speaker +"	1D-R07 / Fitness Room: Background Audio R (South) Zone 1-1a	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 1+
1D-R08/09	To/From: Fitness Room		16-4
Black "Speaker -"	1D-R08 / Fitness Room: Background Audio L (North) Zone 1-1b	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 1-
Red "Speaker +"	1D-R08 / Fitness Room: Background Audio L (North) Zone 1-1b	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 1+
White "Speaker -"	1D-R09 / Fitness Room: Background Audio R (South) Zone 1-1b	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 1-
Green "Speaker +"	1D-R09 / Fitness Room: Background Audio R (South) Zone 1-1b	"WHA 8-Channel Amp #1" / 2	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 1+
1E-R01/02	To/From: Lobby		16-4
Black "Speaker -"	1E-R01 / Lobby: Background Audio L (South) Zone 1-3	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 3-
Red "Speaker +"	1E-R01 / Lobby: Background Audio L (South) Zone 1-3	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 3+
White "Speaker -"	1E-R02 / Lobby: Background Audio R (North) Zone 1-3	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 3-
Green "Speaker +"	1E-R02 / Lobby: Background Audio R (North) Zone 1-3	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 3+
1G-R05	To/From: Lounge Sitting Area		16-2
Black "Speaker -"	1G-R05 / Lounge Sitting Area: Background Audio L (West) Zone 1-4	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 4-
Red "Speaker +"	1G-R05 / Lounge Sitting Area: Background Audio L (West) Zone 1-4	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Left Output / Left 4+
1G-R06	To/From: Lounge Sitting Area		16-2
Black "Speaker -"	1G-R06 / Lounge Sitting Area: Background Audio R (East) Zone 1-4	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 4-
Red "Speaker +"	1G-R06 / Lounge Sitting Area: Background Audio R (East) Zone 1-4	"WHA 8-Channel Amp #1" / 1	Whole-House Audio, Audio Cntrl/Amp #1 / Right Output / Right 4+

Cable Wire Device Connections

Cable Wires	Circuit ID / Circuit Name	Device Name / Terminal Wire Count	Device Type / Device Terminal Connection
1K-R01	To/From: Shop		16-2
Black "Speaker -"	1K-R01 / Shop: Background Audio, L (South) Zone 1-5	"WHA 8-Channel Amp #1" / 1	**Whole-House Audio, Audio Cntrl/Amp #1** / Left Output / Left 5-
Red "Speaker +"	1K-R01 / Shop: Background Audio, L (South) Zone 1-5	"WHA 8-Channel Amp #1" / 1	**Whole-House Audio, Audio Cntrl/Amp #1** / Left Output / Left 5+
1K-R02	To/From: Shop		16-2
Black "Speaker -"	1K-R02 / Shop: Background Audio, R (North) Zone 1-5	"WHA 8-Channel Amp #1" / 1	**Whole-House Audio, Audio Cntrl/Amp #1** / Right Output / Right 5-
Red "Speaker +"	1K-R02 / Shop: Background Audio, R (North) Zone 1-5	"WHA 8-Channel Amp #1" / 1	**Whole-House Audio, Audio Cntrl/Amp #1** / Right Output / Right 5+
1L-27	To/From: "Yellow/CB-Panel/Emer" & Others		12-2
White "Neutral"	1L-27 / White & Yellow Panels Emerg Power	"Duplex Outlet, (Emerg)" / 1	**Outlet, Duplex (15A) #1** / Power In (120 Vac) / Neutral
Black "Hot"	1L-27 / White & Yellow Panels Emerg Power	"Duplex Outlet, (Emerg)" / 1	**Outlet, Duplex (15A) #1** / Power In (120 Vac) / Hot
1L-32	To/From: "White/CB-Panel"		12-2
White "Neutral"	1L-32 / Mech Room: White/E-Rack/3 (Line)	"Outlet Strip, Line Power" / 1	**Outlet, Strip (15A) #1** / Power In (120 Vac) / Neutral
Black "Hot"	1L-32 / Mech Room: White/E-Rack/3 (Line)	"Outlet Strip, Line Power" / 1	**Outlet, Strip (15A) #1** / Power In (120 Vac) / Hot
1L-55	To/From: "White/GP-Panel/1" & Others		14-2
White "Neutral"	1L-55 / UPS Loads 2	"Outlet Strip, UPS Loads 2" / 1	**Outlet, Strip (15A) #2** / Power In (120 Vac) / Neutral
Black "Hot"	1L-55 / UPS Loads 2	"Outlet Strip, UPS Loads 2" / 1	**Outlet, Strip (15A) #2** / Power In (120 Vac) / Hot
1L-65	To/From: "White/GP-Panel/1"		14-2
White "Neutral"	1L-65 / Mech Room: Instrument Heater Power	"Duplex Outlet, Instrument Heaters" / 1	**Outlet, Duplex (15A) #2** / Power In (120 Vac) / Neutral
Black "Switched"	1L-65 / Mech Room: Instrument Heater Power	"Duplex Outlet, Instrument Heaters" / 1	**Outlet, Duplex (15A) #2** / Power In (120 Vac) / Hot
1L-C07	To/From: "White/E-Rack/2"		Cat 6 (568)
White/Orange "568B (LAN)"	1L-C07 / LAN (Tier 1 to E-Rack 3 - Switch C)	"LAN Switch C (local) Tier 2 (Line)" / 1	**Ethernet 16-port Switch (w/ Supply)** / Upstream (Port 1) / Port
1L-C19	To/From: "White/E-Rack/2"		Cat 6 (568)
White/Orange "568B (LAN)"	1L-C19 / LAN (Tier 0 to Weather)	"Weather Monitor CPU (UPS 2 Power)" / 1	**Weather CPU** / Upstream (Port 1) / LAN Port
1L-C22	To/From: "White/CN-Panel/6"		Cat 5e
White/Orange "D+"	1L-C22 / Mech Room: Weather Data Serial Bus	"Weather Monitor CPU (UPS 2 Power)" / 1	**Weather CPU** / Serial Input / Port 3 D+

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Orange "D-"	1L-C22 Mech Room: Weather Data Serial Bus	"Weather Monitor CPU (UPS 2 Power)" 1	**Weather CPU** Serial Input / Port 3 D-
White/Green "GND (a)"	1L-C22 Mech Room: Weather Data Serial Bus	"Weather Monitor CPU (UPS 2 Power)" 1	**Weather CPU** Serial Input / GND (a)
Green "GND (b)"	1L-C22 Mech Room: Weather Data Serial Bus	"Weather Monitor CPU (UPS 2 Power)" 1	**Weather CPU** Serial Input / GND (b)
1L-P26	To/From: No External Connections		Plug
Narrow Spade "Hot"	1L-P26 Mech Room: Wx Video Amp Power Adapter	"Outlet Strip, UPS Loads 2" 1	**Outlet, Strip (15A) #2** Receptacle / 1 (Hot)
	1L-P26 Mech Room: Wx Video Amp Power Adapter	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Power Adapter (120 Vac) / Narrow
Wide Spade "Neutral"	1L-P26 Mech Room: Wx Video Amp Power Adapter	"Outlet Strip, UPS Loads 2" 1	**Outlet, Strip (15A) #2** Receptacle / 1 (Neutral)
	1L-P26 Mech Room: Wx Video Amp Power Adapter	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Power Adapter (120 Vac) / Wide
1L-P34	To/From: No External Connections		Plug
Narrow Spade "Hot"	1L-P34 Wx CPU Power In	"Outlet Strip, UPS Loads 2" 1	**Outlet, Strip (15A) #2** Receptacle / 5 (Hot)
	1L-P34 Wx CPU Power In	"Weather Monitor CPU (UPS 2 Power)" 1	**Weather CPU** Power Adapter (120 Vac) / Hot
Wide Spade "Neutral"	1L-P34 Wx CPU Power In	"Outlet Strip, UPS Loads 2" 1	**Outlet, Strip (15A) #2** Receptacle / 5 (Neutral)
	1L-P34 Wx CPU Power In	"Weather Monitor CPU (UPS 2 Power)" 1	**Weather CPU** Power Adapter (120 Vac) / Neutral
1L-R01/02	To/From: Mech Room		16-4
Black "Speaker -"	1L-R01 Mech Room: Background Audio L (South) Zone 1-2	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 2-
Red "Speaker +"	1L-R01 Mech Room: Background Audio L (South) Zone 1-2	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 2+
White "Speaker -"	1L-R02 Mech Room: Background Audio R (North) Zone 1-2	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 2-
Green "Speaker +"	1L-R02 Mech Room: Background Audio R (North) Zone 1-2	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 2+
1L-R03	To/From: "White/CN-Panel/3"		RG-6
Coax Cable "Coax"	1L-R03 Mech Room: RF (FM Ant 1)	"WHA FM Tuner 1" 1	**Whole-House Audio, FM Tuner #1** Input / FM Ant
1L-R04	To/From: "White/CN-Panel/3"		RG-6
Coax Cable "Coax"	1L-R04 Mech Room: RF (FM Ant 2)	"WHA FM Tuner 2" 1	**Whole-House Audio, FM Tuner #2** Input / FM Ant
1L-R05	To/From: "White/CN-Panel/3"		RG-6
Coax Cable "Coax"	1L-R05 Mech Room: RF (Sat Radio Ant 1)	"WHA SiriusXM Tuner 1" 1	**Whole-House Audio, Sirius Tuner #1** Input / Sat Ant

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
1L-R06	To/From: "White/CN-Panel/3"		RG-6
Coax Cable "Coax"	1L-R06 Mech Room: RF (Sat Radio Ant 2)	"WHA SiriusXM Tuner 2" 1	**Whole-House Audio, Sirius Tuner #2** Input / Sat Ant
1L-R14	To/From: No External Connections		RG-59
Coax Cable "Coax (Video)"	1L-R14 Mech Room: Weather Video Feed	"Weather Monitor CPU (UPS 2 Power)" 1	**Weather CPU** Video Out / Video Out
	1L-R14 Mech Room: Weather Video Feed	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Video In / IN
1L-R15	To/From: "White/CN-Panel/6"		RG-59
Coax Cable "Coax (Video)"	1L-R15 Mech Room: Weather Video To Dist Amp 2	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Video Out / OUT 1
1L-R16	To/From: "White/CN-Panel/6"		RG-59
Coax Cable "Coax (Video)"	1L-R16 Mech Room: Weather Video To LCD Module #2	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Video Out / OUT 2
1L-R17	To/From: "White/E-Rack/1"		RG-59
Coax Cable "Coax (Video)"	1L-R17 Mech Room: Weather Video To TV Matrix	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Video Out / OUT 3
1L-R18	To/From: "White/E-Rack/2"		RG-59
Coax Cable "Coax (Video)"	1L-R18 Mech Room: Weather Video To Vid Surv DVR	"Wx Video Distribution Amp (UPS 2 Power)" 1	**Video Distribution Amp, 4-Ch Composite** Video Out / OUT 4
2A-R07/08	To/From: Master BR		16-4
Black "Speaker -"	2A-R07 Master BR: Background Audio L (West) Zone 1-7	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 7-
Red "Speaker +"	2A-R07 Master BR: Background Audio L (West) Zone 1-7	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 7+
White "Speaker -"	2A-R08 Master BR: Background Audio R (East) Zone 1-7	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 7-
Green "Speaker +"	2A-R08 Master BR: Background Audio R (East) Zone 1-7	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 7+
2B-R12/13	To/From: Master Bath		16-4
Black "Speaker -"	2B-R12 Master Bath: Background Audio L (South) Zone 1-8	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 8-
Red "Speaker +"	2B-R12 Master Bath: Background Audio L (South) Zone 1-8	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 8+
White "Speaker -"	2B-R13 Master Bath: Background Audio R (North) Zone 1-8	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 8-
Green "Speaker +"	2B-R13 Master Bath: Background Audio R (North) Zone 1-8	"WHA 8-Channel Amp #1" 1	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 8+

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
2B-R14/15		To/From: Study	16-4
Black "Speaker -"	2B-R14 Study: Background Audio L (West) Zone 2-1	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 1-
Red "Speaker +"	2B-R14 Study: Background Audio L (West) Zone 2-1	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 1+
White "Speaker -"	2B-R15 Study: Background Audio R (East) Zone 2-1	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 1-
Green "Speaker +"	2B-R15 Study: Background Audio R (East) Zone 2-1	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 1+
2C-R06/07		To/From: Great Room	16-4
Black "Speaker -"	2C-R06 Great Room: Background Audio L (West) Zone 2-2a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 2-
Red "Speaker +"	2C-R06 Great Room: Background Audio L (West) Zone 2-2a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 2+
White "Speaker -"	2C-R07 Great Room: Background Audio R (East) Zone 2-2a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 2-
Green "Speaker +"	2C-R07 Great Room: Background Audio R (East) Zone 2-2a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 2+
2C-R08/09		To/From: Great Room	16-4
Black "Speaker -"	2C-R08 Great Room: Background Audio L (West) Zone 2-2b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 2-
Red "Speaker +"	2C-R08 Great Room: Background Audio L (West) Zone 2-2b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 2+
White "Speaker -"	2C-R09 Great Room: Background Audio R (East) Zone 2-2b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 2-
Green "Speaker +"	2C-R09 Great Room: Background Audio R (East) Zone 2-2b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 2+
2C-R10/11		To/From: Foyer	16-4
Black "Speaker -"	2C-R10 Foyer: Background Audio L (South) Zone 2-3	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 3-
Red "Speaker +"	2C-R10 Foyer: Background Audio L (South) Zone 2-3	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 3+
White "Speaker -"	2C-R11 Foyer: Background Audio R (North) Zone 2-3	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 3-
Green "Speaker +"	2C-R11 Foyer: Background Audio R (North) Zone 2-3	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 3+
2C-R12/13		To/From: Dining Room	16-4
Black "Speaker -"	2C-R12 Dining Room: Background Audio L (East) Zone 2-4	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 4-

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Speaker +"	2C-R12 Dining Room: Background Audio L (East) Zone 2-4　1	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 4+
White "Speaker -"	2C-R13 Dining Room: Background Audio R (West) Zone 2-4　1	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 4-
Green "Speaker +"	2C-R13 Dining Room: Background Audio R (West) Zone 2-4　1	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 4+
2D-R05/06	To/From: Kitchen		16-4
Black "Speaker -"	2D-R05 Kitchen: Background Audio L (South) 2-5a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 5-
Red "Speaker +"	2D-R05 Kitchen: Background Audio L (South) 2-5a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 5+
White "Speaker -"	2D-R06 Kitchen: Background Audio R (North) 2-5a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 5-
Green "Speaker +"	2D-R06 Kitchen: Background Audio R (North) 2-5a	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 5+
2D-R07/08	To/From: Kitchen		16-4
Black "Speaker -"	2D-R07 Kitchen: Background Audio L (South) 2-5b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 5-
Red "Speaker +"	2D-R07 Kitchen: Background Audio L (South) 2-5b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 5+
White "Speaker -"	2D-R08 Kitchen: Background Audio R (North) 2-5b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 5-
Green "Speaker +"	2D-R08 Kitchen: Background Audio R (North) 2-5b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 5+
2E-R01/02	To/From: Laundry Room		16-4
Black "Speaker -"	2E-R01 Laundry Room: Background Audio L (West) Zone 2-6a2	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 6-
Red "Speaker +"	2E-R01 Laundry Room: Background Audio L (West) Zone 2-6a2	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 6+
White "Speaker -"	2E-R02 Laundry Room: Background Audio R (East) Zone 2-6a2	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 6-
Green "Speaker +"	2E-R02 Laundry Room: Background Audio R (East) Zone 2-6a2	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 6+
2E-R03/04	To/From: Mud Room & Another		16-4
Black "Speaker -"	2E-R03 Powder Room: Background Audio L (West) Zone 2-6b 2	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 6-
Red "Speaker +"	2E-R03 Powder Room: Background Audio L (West) Zone 2-6b 2	"WHA 8-Channel Amp #2"	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 6+

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
White "Speaker -"	2E-R04 Mud Room: Background Audio R (East) Zone 2-6b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 6-
Green "Speaker +"	2E-R04 Mud Room: Background Audio R (East) Zone 2-6b	"WHA 8-Channel Amp #2" 2	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 6+
2F-R01/02	To/From: Screen Porch		16-4
Black "Speaker -"	2F-R01 Screen Porch: Background Audio R Zone 2-8	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 8-
Red "Speaker +"	2F-R01 Screen Porch: Background Audio R Zone 2-8	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 8+
White "Speaker -"	2F-R02 Screen Porch: Background Audio L Zone 2-8	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 8-
Green "Speaker +"	2F-R02 Screen Porch: Background Audio L Zone 2-8	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 8+
2H-R73	To/From: Garage		16-4
Black "Speaker -"	2H-R73 Garage: Background Audio R (East) Zone 2-7	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 7-
Red "Speaker +"	2H-R73 Garage: Background Audio R (East) Zone 2-7	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Right Output / Right 7+
White "Speaker -"	2H-R74 Garage: Background Audio L (West) Zone 2-7	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 7-
Green "Speaker +"	2H-R74 Garage: Background Audio L (West) Zone 2-7	"WHA 8-Channel Amp #2" 1	**Whole-House Audio, Audio Cntrl/Amp #2** Left Output / Left 7+
2M-A02	To/From: "Rain@Southeast Garden"		14-2
Black "24 Vac Return"	2M-A02 Southeast Garden: Rain Gauge Heater	"Rain Gauge Heater Xformer, 24 Vac @ 0.75 A" 1	**Transformer, 24 Vac, 50W #1** Power Output / Secondary B
Red "24 Vac"	2M-A02 Southeast Garden: Rain Gauge Heater	"Rain Gauge Heater Xformer, 24 Vac @ 0.75 A" 1	**Transformer, 24 Vac, 50W #1** Power Output / Secondary A
2M-R01/02	To/From: Hot Tub Area		16-4
Black "Speaker -"	2M-R01 Hot Tub Area: Background Audio L (South) Zone 3-3	"WHA 8-Channel Amp #3" 1	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 3-
Red "Speaker +"	2M-R01 Hot Tub Area: Background Audio L (South) Zone 3-3	"WHA 8-Channel Amp #3" 1	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 3+
White "Speaker -"	2M-R02 Hot Tub Area: Background Audio R (North) Zone 3-3	"WHA 8-Channel Amp #3" 1	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 3-
Green "Speaker +"	2M-R02 Hot Tub Area: Background Audio R (North) Zone 3-3	"WHA 8-Channel Amp #3" 1	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 3+
2M-R03/04	To/From: Open Deck		16-4
Black "Speaker -"	2M-R03 Open Deck: Background Audio L (South) Zone 3-2	"WHA 8-Channel Amp #3" 1	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 2-

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Speaker +"	2M-R03 Open Deck: Background Audio L (South) Zone 3-2 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 2+
White "Speaker -"	2M-R04 Open Deck: Background Audio R (North) Zone 3-2 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 2-
Green "Speaker +"	2M-R04 Open Deck: Background Audio R (North) Zone 3-2 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 2+
2M-R05/06	To/From: Covered Deck		16-4
Black "Speaker -"	2M-R05 Covered Deck: Background Audio L (Southwest) Zone 3-1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 1-
Red "Speaker +"	2M-R05 Covered Deck: Background Audio L (Southwest) Zone 3-1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 1+
White "Speaker -"	2M-R06 Covered Deck: Background Audio R (Northeast) Zone 3-1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 1-
Green "Speaker +"	2M-R06 Covered Deck: Background Audio R (Northeast) Zone 3-1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 1+
2M-R07/08	To/From: Walkout Patio		16-4
Black "Speaker -"	2M-R07 Walkout Patio: Background Audio L (Southwest) Zone 1-6	"WHA 8-Channel Amp #1"	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 6-
Red "Speaker +"	2M-R07 Walkout Patio: Background Audio L (Southwest) Zone 1-6	"WHA 8-Channel Amp #1"	**Whole-House Audio, Audio Cntrl/Amp #1** Left Output / Left 6+
White "Speaker -"	2M-R08 Walkout Patio: Background Audio R (Northeast) Zone 1-6	"WHA 8-Channel Amp #1"	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 6-
Green "Speaker +"	2M-R08 Walkout Patio: Background Audio R (Northeast) Zone 1-6	"WHA 8-Channel Amp #1"	**Whole-House Audio, Audio Cntrl/Amp #1** Right Output / Right 6+
2M-S22	To/From: "Pressure@Covered Deck"		Cat 5e
White/Orange "D+"	2M-S22 Covered Deck: Barometric Pressure Sensor (Serial) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / Port 1 D+
Orange "D-"	2M-S22 Covered Deck: Barometric Pressure Sensor (Serial) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / Port 1 D-
White/Green "GND (a)"	2M-S22 Covered Deck: Barometric Pressure Sensor (Serial) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / GND (a)
Green "GND (b)"	2M-S22 Covered Deck: Barometric Pressure Sensor (Serial) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / GND (b)
3A-R12/13	To/From: Woodside Rm		16-4
Black "Speaker -"	3A-R12 Woodside Rm: Background Audio R (East) (Zone 3-5) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 5-
Red "Speaker +"	3A-R12 Woodside Rm: Background Audio R (East) (Zone 3-5) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 5+

Cable Wire Device Connections

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
White "Speaker -"	3A-R13 Woodside Rm: Background Audio L (West) (Zone 3-5) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 5-
Green "Speaker +"	3A-R13 Woodside Rm: Background Audio L (West) (Zone 3-5) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 5+
3A-R14/15		To/From: Lakeside Rm	16-4
Black "Speaker -"	3A-R14 Lakeside Rm: Background Audio R (South) (Zone 3-4) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 4-
Red "Speaker +"	3A-R14 Lakeside Rm: Background Audio R (South) (Zone 3-4) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Right Output / Right 4+
White "Speaker -"	3A-R15 Lakeside Rm: Background Audio L (North) (Zone 3-4) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 4-
Green "Speaker +"	3A-R15 Lakeside Rm: Background Audio L (North) (Zone 3-4) 1	"WHA 8-Channel Amp #3"	**Whole-House Audio, Audio Cntrl/Amp #3** Left Output / Left 4+
4A-A02		To/From: "Wind@Roof - ^ Upper Level"	16-2
Black "Power Return"	4A-A02 Roof - ^ Upper Level: Anemometer (Heater) 1	"Anemometer Heater, 24 Vdc @ 2.5A"	**24 Vdc, 5A Supply Module** Power Output / Return
Red "+24 Vdc"	4A-A02 Roof - ^ Upper Level: Anemometer (Heater) 1	"Anemometer Heater, 24 Vdc @ 2.5A"	**24 Vdc, 5A Supply Module** Power Output / +24 Vdc
4A-A03		To/From: Roof - ^ Screen Porch (Antenna, DirecTV)	16-2
Black "24 Vac Line A"	4A-A03 Roof - ^ Screen Porch: DirecTV Antenna Heater 1	"DirecTV Dish Heater Power"	**Transformer, 24 Vac, 50W #1** Power Output / Secondary A
Red "24 Vac Line B"	4A-A03 Roof - ^ Screen Porch: DirecTV Antenna Heater 1	"DirecTV Dish Heater Power"	**Transformer, 24 Vac, 50W #1** Power Output / Secondary B
4A-S21		To/From: "Wind@Roof - ^ Upper Level"	Cat 5e
White/Orange "D+"	4A-S21 Roof - ^ Upper Level: Anemometer (Data) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / Port 2 D+
Orange "D-"	4A-S21 Roof - ^ Upper Level: Anemometer (Data) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / Port 2 D-
White/Green "GND (a)"	4A-S21 Roof - ^ Upper Level: Anemometer (Data) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / GND (a)
Green "GND (b)"	4A-S21 Roof - ^ Upper Level: Anemometer (Data) 1	"Weather Monitor CPU (UPS 2 Power)"	**Weather CPU** Serial Input / GND (b)