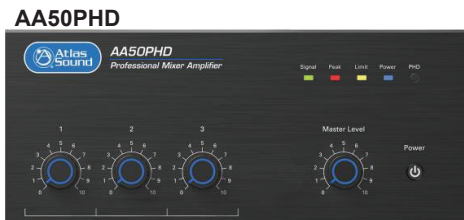
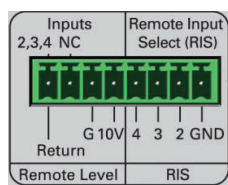


Example of AAPHD Series Remote Input Select (RIS) & WPD-RISRL

NOTE:
THE RISRL INTERFACE IS A
FEATURE ON ALL AAPHD
SERIES AMPLIFIERS **EXCEPT**
THE AA30PHD.



AA50PHD WPD-RISRL INTERFACE



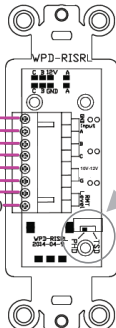
SET RIS DIP SW = ON

TESTED UP TO
200' WITH #24
WIRE

P1=GND
P2=INPUT SEL A
P3=INPUT SEL B
P4=INPUT SEL C
P5=10VDC
P6=GND
P7=N/C
P8=POT WIPER (RET)

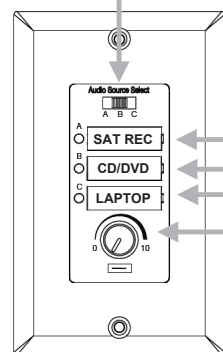
NOTE:
THE INTERFACE REQUIRES CONTROL SIGNALS –
NO AUDIO SIGNALS ARE USED – Cat5 or Cat6 CAN
BE USED WITHOUT WORRY OF NOISE UP TO 200FT.

WPD-RISRL

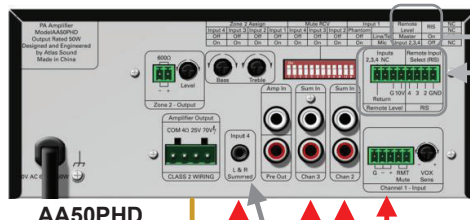


SET TO
PHD

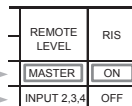
C SELECTS INPUT 4
B SELECTS INPUT 3
A SELECTS INPUT 2



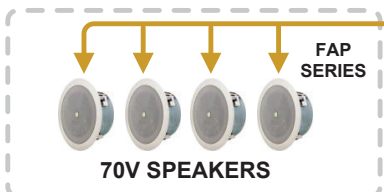
REMOTE LEVEL CAN BE
ASSIGNED ON AA50PHD
VIA DIP SW TO EITHER
MASTER OR INPUTS
2,3,4.



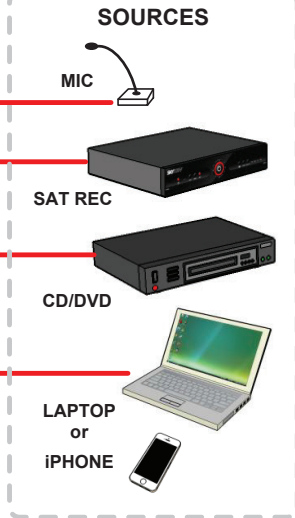
WPD-RISRL INTERFACE



SET RIS DIP
SW = ON



LINE COLOR KEY
— LINE LEVEL AUDIO SIGNAL
— LOUDSPEAKER LEVEL
— CONTROL SIGNAL
— MIC LEVEL AUDIO SIGNAL
— VIDEO
— GROUND
— 120V



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Overview:

This example shows an AA50PHD in a 70.7V audio system with three sources and a microphone. A WPD-RISRL (Remote Input Select with Level Control) wall plate allows individual selection and level control of source audio at the wall plate up to 200ft away from the amplifier.

Application Example Description:

This example illustrates using a WPD-RISRL to remotely control the volume and individually select three audio sources using an AA50PHD mixer amplifier in a 70.7V speaker system.

Benefits:

- Amplifier Can Be Placed Up to 200ft Away from Wall Plate
- No Audio Degradation
- Wall Plate Input Select Slide Switch
- Wall Plate Selected Source LED Indicator
- Wall Plate Remote Level Control
- Removable Phoenix Connectors
- Decora Style Plate
- Recessed Labeling Area with a Label Guard

Application Example Notes:

1. All AAPHD series amplifiers have the RIS Interface feature except the AA30PHD.
2. CAT5e or CAT6 can be used to connect the WPD-RISRL to the AAPHD.
3. The remote level control ports are PRE Input Level Controls and PRE the Master Level on the Front panel. Set the system's maximum levels using the amplifier input level controls and then use the remote potentiometer as an attenuator from the maximum levels set.
4. DP SW #8 – Input 2 Phantom Power 24VDC is active when Input 1 is set to Mic mode and the switch is in the ON position.
Note: Only use this feature if you are using condenser microphones, otherwise leave in the "OFF" position.
5. DP SW #9 - When in the "MIC" position, Input 1 will accept microphone level signals; when in the "Line" position, Input 1 will accept line level or telephone signals.
6. DP SW #10 – Remote Level Port selection switch assigns the port to control Inputs 2, 3, and 4 or the Master Level. In this example, Master is selected.
7. DP SW #11 – RIS (Remote Input Select) activates the RIS terminals when in the ON position. When the RIS is active, NO input will be present at the amplifier output unless the RIS input port pins are shorted to ground



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