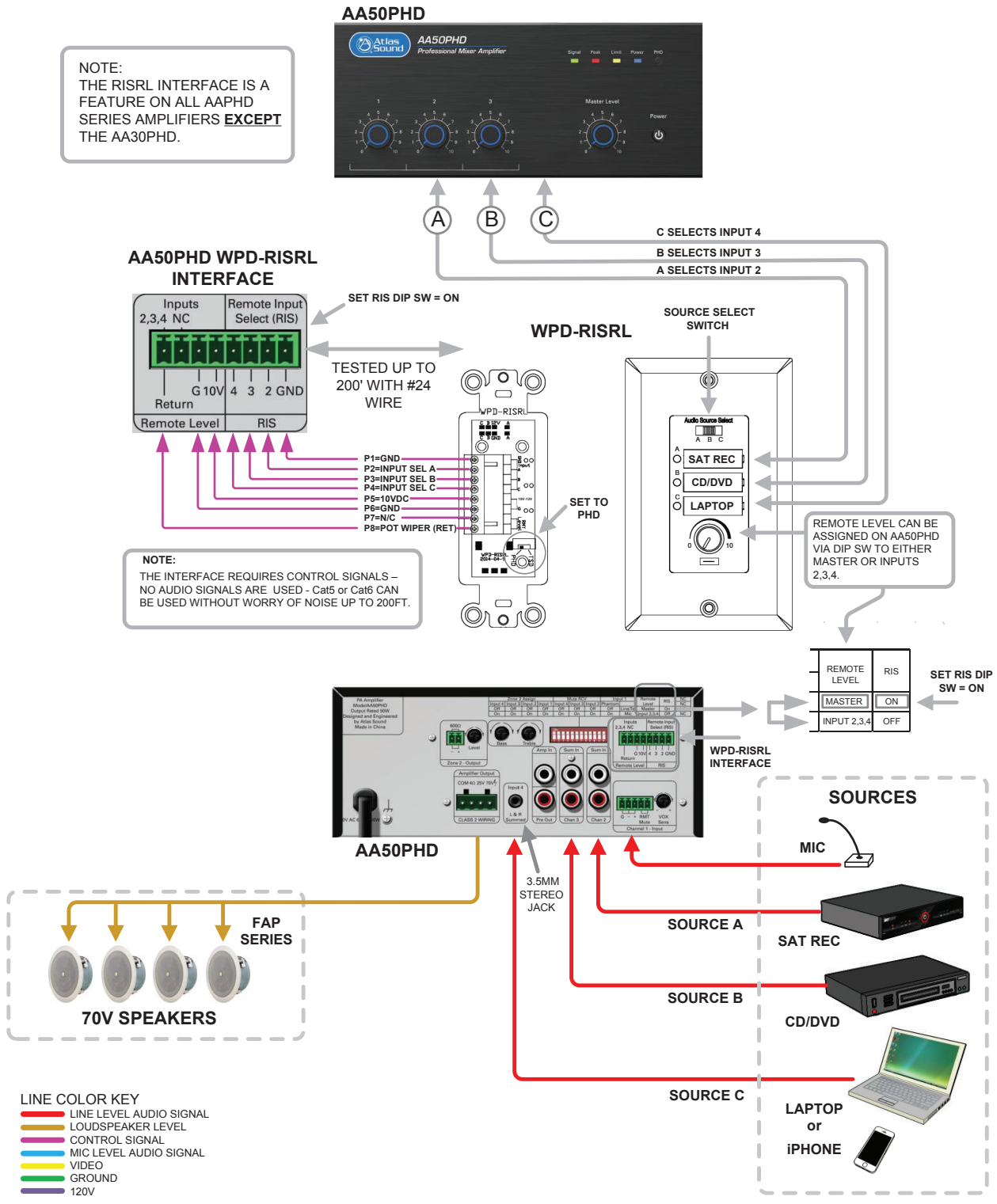
Example of AAPHD Series Remote Input Select (RIS) & WPD-RISRL



©2014 Atlas Sound L.P. All rights reserved. Atlas Sound is a trademark of Atlas Sound L.P. All other trademarks are property of their respective owners. ATS004910 RevC 8/14

Atlas Sound
1601 Jack McKay Blvd. • Ennis, Texas 75119 U.S.A.
Telephone: 800.876.3333 • Fax: 800.765.3435

Specifications are subject to change without notice.

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

©2014 Atlas Sound L.P. All rights reserved. Atlas Sound is a trademark of Atlas Sound L.P. All other trademarks are property of their respective owners. ATS004910 RevC 8/14