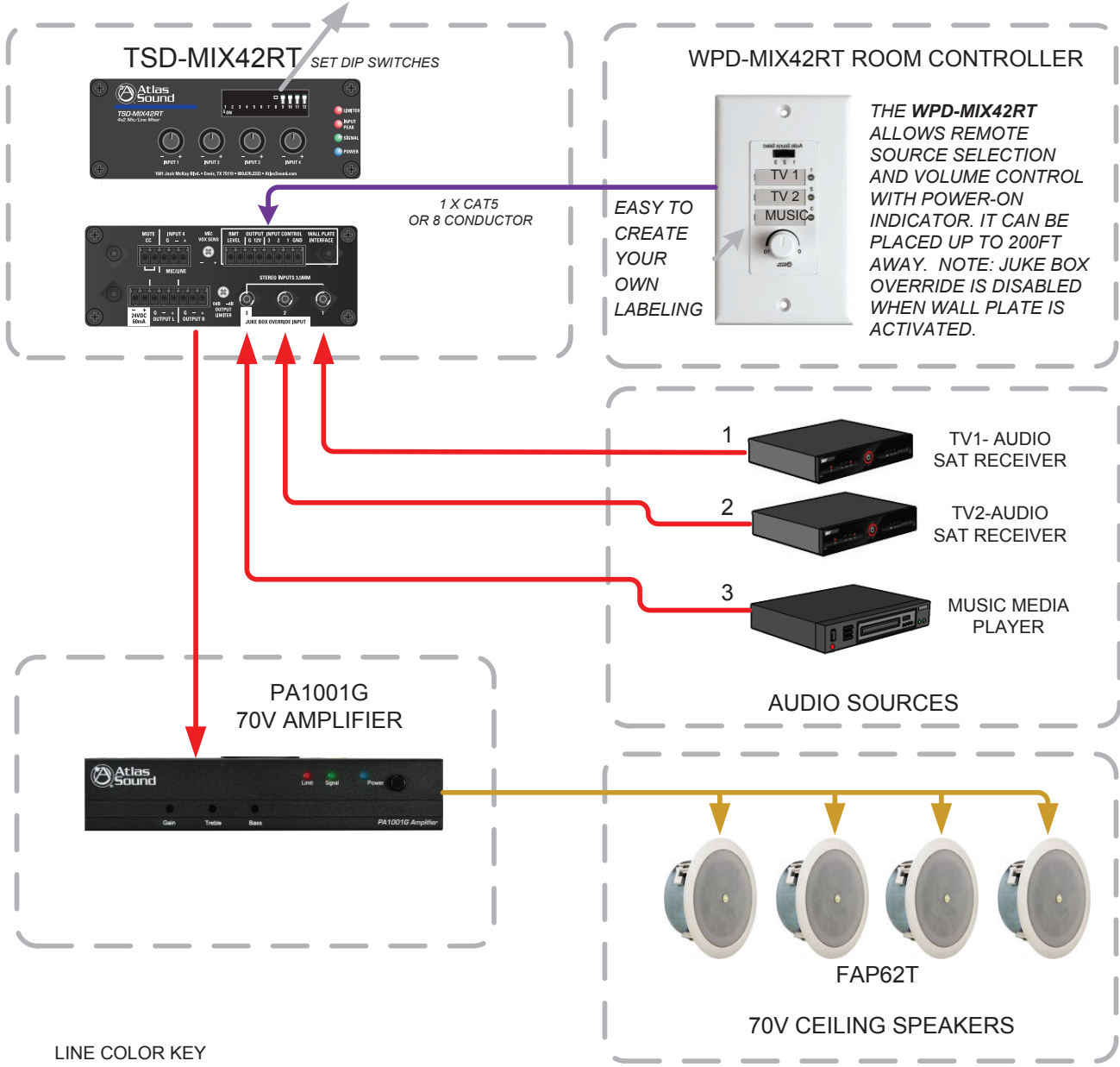




Example of Mixer Using WPD-MIX42 to Remote Select Audio Sources in a 70V Mono System

DIP SWITCH SETTINGS:

1	2	3	4	5	6	7	8	9	10	11	12
INPUT 4	INPUT 4	INPUT 4 125Hz/12dB LOW CUT	INPUT 3	INPUT 3 JUKE MUTE DELAY	INPUT 3	INPUT 2	INPUT 1	OUTPUT STEREO/ MONO	REMOTE LEVEL	WALL PLATE	NC
PHANTOM			JUKE OR		MUTE RCV	MUTE RCV	MUTE RCV				NC
OFF	LINE	OFF	OFF	20 SEC	OFF	OFF	OFF	STEREO	MASTER	OFF	NC
ON	MIC	ON	ON	3 SEC	ON	ON	ON	MONO	INPUT 1,2,3	ON	NC



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

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



Overview:

This example illustrates how to use a TSD-MIX42RT as a 3 Stereo Input source mixer summed to mono output, with a remote WPD-MIX42RT wall plate source selector.

Application Example Description:

In this example, the TSD-MIX42RT is configured to mix between 3 stereo audio sources consisting of audio from two satellite TV receivers and one Music Media Player. The WPD-MIX42RT wall plate controller allows an easy way to select between the 3 sources from a remote location (up to 200ft away) with master volume control.

Benefits:

- Cost Effective Solution
- Stereo or Mono Applications
- Mic Input with Phantom and Low Cut Filter
- Priority Override Assignment
- Selectable Override Release Times
- Trigger Accepts Analog Audio
- Adjustable Output Limiter

Application Example Notes:

1. Input 3 override is disabled when WPD-MIX42RT is activated (DIP switch 11 is set to ON).
2. A paging Mic with VOX Priority Muting can be added to this scenario if needed (see this application with added paging Mic).
3. Balanced Input 4 can be configured to Line Level (DIP switch 2) for a pre-recorded Fire Alert message. For this safety application set Mute RCV 1, 2 and 3, to ON (dip switches 6, 7, and 8).
4. In this example, a Mono 70V speaker system is shown. DIP switch 9 sums the Inputs for a Mono output. See other TSD-MIX42RT applications for an example of a stereo system.

