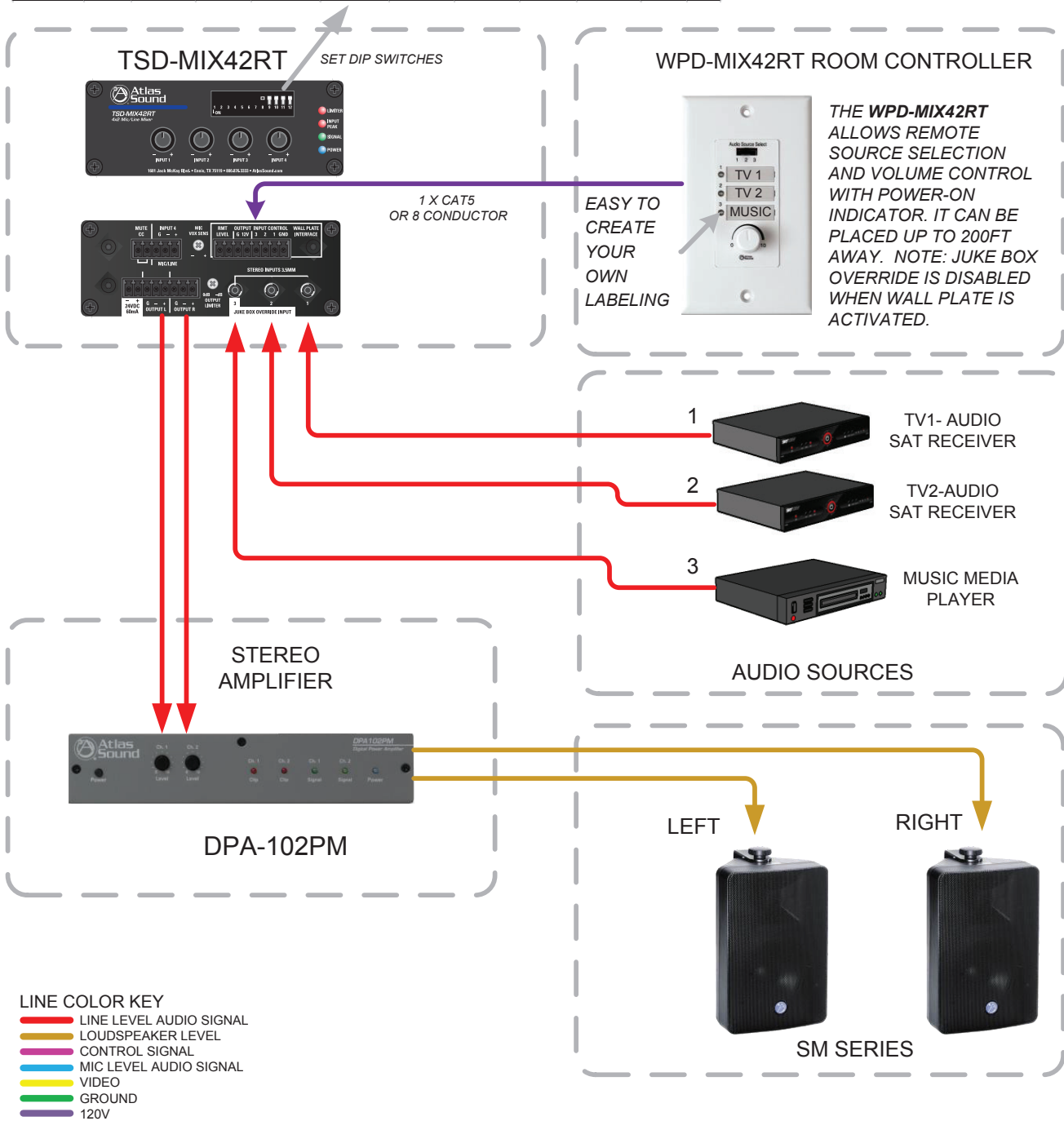




**Example of Mixer Using WPD-MIX42 to Remote Select Audio Sources in a Stereo System**

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
<input type="checkbox"/> OFF	<input type="checkbox"/> LINE	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF	<input type="checkbox"/> 20 SEC	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF	<input type="checkbox"/> STEREO	MASTER	<input type="checkbox"/> OFF	NC
<input type="checkbox"/> ON	<input type="checkbox"/> MIC	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> 3 SEC	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> MONO	<input type="checkbox"/> INPUT 1,2,3	<input type="checkbox"/> ON	NC



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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 in a stereo speaker system 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 stereo speaker system is shown. DIP Switch 9 sums the Inputs for a mono output. See other TSD-MIX42RT applications for an example of a 70V mono system.

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