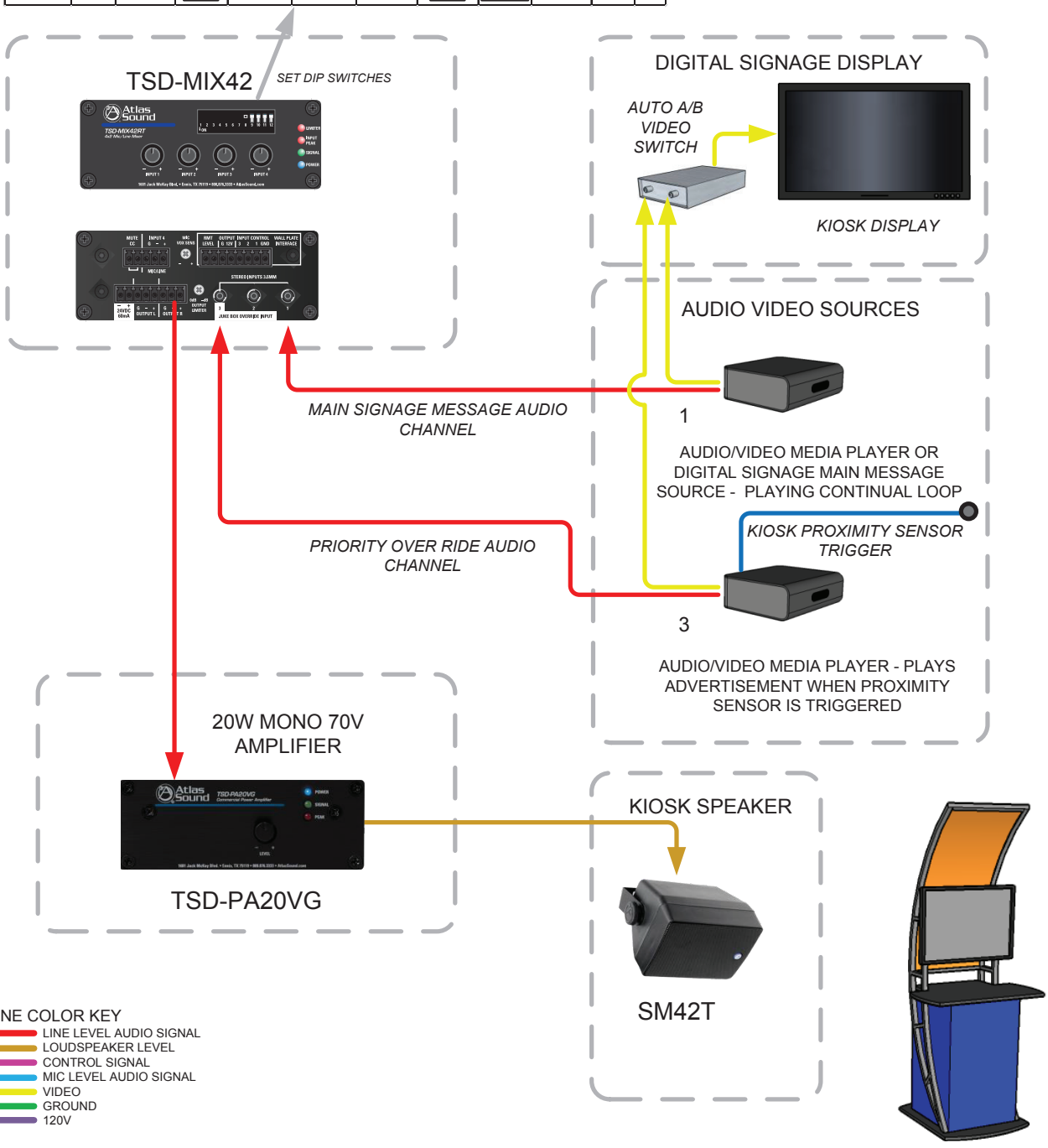
Example of Mixer in a Digital Signage Kiosk Using Override Muting to Play a Triggered Advertisement

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



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Overview:

This example illustrates how to configure a TSD-MIX42RT in a Digital Signage Kiosk where a continuous loop is playing until a customer standing in front of the kiosk triggers a proximity sensor and a specific advertisement is queued to play. The TSD-MIX42RT Juke Box Override feature is used to automatically mute the continuous loop audio, play the second media player audio, and then after the audio stops revert back to the continuous loop audio.

Application Example Description:

This example uses two Inputs on the TSD-MIX42RT to select audio from two media players. The media player with the specific advertisement is connected to Input 3 to make use of the Juke Box override feature. The media player with the continuous loop audio is connected to Input 1. When a customer stands in front of the Kiosk, a proximity sensor triggers the specific advertisement media player to play. The TSD-MIX42RT Juke Box Override feature is used to sense the audio on Input 3 and automatically mute the continuous loop audio on Input 1, play the second media player audio, and then after the audio stops revert back to the continuous loop program material.

Benefits:

- Cost effective Solution
- Stereo or Mono Applications
- Priority Override Assignment
- Selectable Override Release Times
- Trigger Accepts Analog Audio
- Adjustable Output limiter

Application Example Notes:

1. Setting DIP switch 4 to ON activates Input 3 Override.

2. Setting DIP switch 8 Mute RCV to ON will assign Input 1 to mute when Input 3 Override audio is triggered.

3. DIP switch 5 sets the mute delay time that Input 1 will remain muted before fading back to the program loop material. This setting has a long and short setting (20 or 3 seconds) and will need to be tested for the application.

4. In this example, a mono 70V speaker system is shown. DIP switch 9 allows an easy way to sum the inputs for a mono output. See other TSD-MIX42RT applications for stereo system example.