

Why Should I Use The Atlas Sound TSD-DA28?

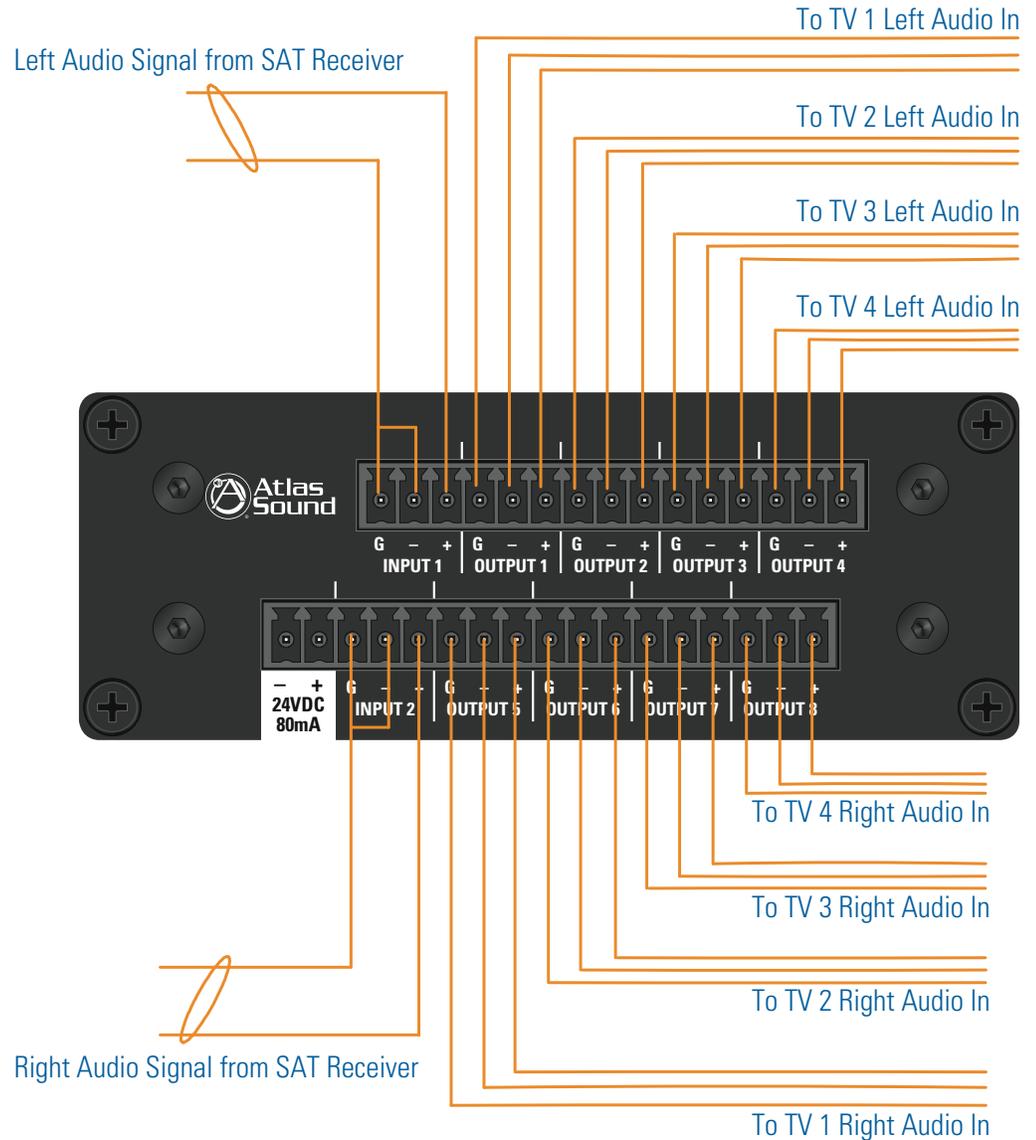


Atlas Sound Time Saving Devices are designed to solve common problems that can arise during installation or expansion of commercial audio systems. Each TSD can provide a solution in a variety of scenarios. This document will illustrate a few examples of how best to use the TSD-DA28.

Installation Scenario 1

A client is using a single satellite receiver with an unbalanced, stereo audio output that needs to deliver content to four separate locations, each having their own amplifier. For example a hotel/resort could employ this scenario to provide BGM to their lobby, pool area, tennis courts, and restaurant. The TSD-DA28 can be employed in this scenario to connect that single source to all four amplifiers with its 2 input/4 output configuration.

The TSD-DA28 should be mounted as close to the satellite receiver as possible in order to minimize noise introduced into the line when the 2 inputs are unbalanced. In this example Input 1 will be used for the "Left" side of our stereo source and Input 2 will be used for the "Right" side. Outputs 1-4 will be used for the "Left" outputs to the remote amplifiers and outputs 5-8 will be used for the "Right" outputs. This will enable you to feed a simultaneous signal to each area where local volume can then be controlled by the local amplifier. Be sure to use wire that are shielded 2 conductors for optimum performance.



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Installation Scenario 2

A sound system requires the addition of 8 balanced line level “press feeds” that can each receive an isolated signal for recording and engineering purposes but, the in house sound system only has an unbalanced output available.

In this scenario the unbalanced line level output would be connected to the input on the TSD-DA28. Connect the positive and negative terminals on the 8 outputs on the TSD-DA28 to the wall plate connection that you are using where the recording devices will be connected. Do not connect the ground connections from the outputs to the wall plate as a variety of devices may be connected at the wall plate and this will eliminate the potential for ground loops that will detract from the sound quality.

