



SENSING AMPLIFIER AND AUTO SWITCH

AUTO-SENSING SOURCE SWITCHING WITH AMPLIFIED PASSENGER CABIN AUDIO

The SAAS-2 integrates with the vehicle's built in entertainment/PA system to provide automatic, prioritized source audio/video switching without driver interaction. A large range of adjustable parameters makes it easy to create a customized audio/video solution for your application.



OVERVIEW

Advanced design automatically senses the presence of a prioritized signal. Whether it is configured for line level sensing, low voltage triggering or speaker level sensing, the SAAS-2 will automatically sense the presence of a signal from the existing entertainment system and will either pass the signal through or do the source switching and amplification.

Field tested results ...

Proven compatibility with a number of existing on-board audio/video systems including REI®, Blaupunkt®, etc.

FLEXIBLE SWITCHING OPTIONS

LINE LEVEL SENSING

When line level audio or video is sensed on Input 2, that A/V signal will be sent to the output irrespective of the presence of an A/V signal on Input 1. Input 2 will always have priority at the output over Input 1. In addition to this auto sensing mode, the SAAS-2 allows manual selection of either input.

SPEAKER LEVEL SENSING

When speaker level audio is sensed, the unit will pass the audio through to the speakers. If there is no speaker level present, the line level source that is selected (Input 1 or 2) will be amplified by the SAAS-2 and played through the speakers. The sensitivity and delay time for all switching can be adjusted to fit your needs.

LOW VOLTAGE SWITCHING

The SAAS-2 can also be configured to switch sources with a low voltage fast trigger.

EASY AUTO SWITCHING

The SAAS-2's rugged design, flexible configuration options and automatic operation make it a powerful addition to your vehicle's entertainment system.

Get the exact passenger cabin A/V presentation you want, automatically. The SAAS-2 has been designed to be easily adapted and integrated into new and retrofit installations. It is also an integral part of our RiderCom+ System.

SPECIFICATIONS

- **Rugged:** Designed for extreme temperatures.
Operating temperatures: -30°C to 70°C (-22°F to 158°F).
- **Video Bandwidth:** >80MHz
- **Audio Amplifier:**
 - Output: 30 Watts/ch. into 4 or 8 ohms
 - Distortion: <0.05%
 - Frequency Response: 20-20,000Hz
- **Power Input:** 9-26VDC
- **Power Consumption:** Typically 2A
- **Dimensions:** 8" x 5" x 1.5" (WxLxH)
- **Connections:**
 - Input:
 - 2 x Composite Video (BNC)
 - 2 x Left and Right Audio (RCA)
 - 1 x External Amplifier Input (5mm terminal strip)
 - Output:
 - 1 x Composite Video (BNC)
 - 1 x Left and Right Audio (RCA)
 - 1 x Amplified Speaker Output (5mm terminal strip)
 - Other:
 - P.A. Off Trigger (3.5mm term strip)
 - Fast Trigger (3.5mm term strip)
 - Contact closure (3.5mm term strip)



PROUDLY ASSEMBLED IN THE U.S.A.

INFO@CONNECTEDMOBILESOLUTIONS.COM

(865) 316-9410 | WWW.CONNECTEDMOBILESOLUTIONS.COM