



## Trulink® Audio Amplifier

### The Message is Loud and Clear: A Quality Learning Experience Starts Here

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It's unfortunate but true – a lesson might be lost on students if they have trouble hearing the instructor. With the Trulink Audio Amplifier for classrooms students will remain attentive and better informed during class – no more disengaged learners.

With maximum sound amplification, this cutting-edge system ensures consistent levels of audio through the classroom whether from the instructor, video or other multimedia source. Connects easily to classroom A/V equipment such as projectors, microphones, laptops or DVD players and ensures that each student has a quality learning experience. The Trulink Audio Amplifier is powerful enough to overcome background noise, poor room acoustics and even mild hearing loss in students.

#### Features:

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- Powerful – features 40 watts of power for maximum sound dispersion
- Energy efficient – shuts down automatically when not in use and turns itself back on in an instant
- Cost effective – designed for tight budgets
- Safe – meets all UL, FCC and Plenum requirements in addition to Over Voltage, Temperature and Short Circuit Protection features
- Flexible – two audio inputs with separate volume controls enable the volume to be tuned to the specific classroom environment
- Compact & easy to install – weighing just one pound, the plenum rated unit can be easily mounted out of sight in ceilings or in other equipment – eliminating the risk of theft or damage
- Extremely compatible – works with existing classroom equipment and integrates seamlessly with PCs, DVD players, microphones and other A/V devices



**Component:**

Enclosure Material:	MS sheet metal Powder coated finish - Black
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**Specifications:**

Class:	Class D
Total Output Power:	40W
Output Power (THD 1%):	13W per channel
THD+N (at 10W power output):	0.3% per channel
Efficiency:	>90%
Frequency Response:	150Hz to 20KHz
Signal to Noise Ratio:	>85dB
Input Impedance (unbalanced):	~10Kohms

**Input Connectors:**

1 x 8 Pin Terminal Block:	4 pins for 2 speakers, 2 pins for power input, 2 pins for power output
1 pair RCA (left/right):	Red for right and White for left - White also accepts Mono input
1 x 3.5mm Stereo Port:	Stereo input
Volume Controls:	Independent controls to Input Channels
LED Indicators:	Input Power (Red LED) Output Power (Green LED)

**Power Information:**

Auto Shutdown:	Shuts down 5 minutes after no input signal detected
Max Operating Current:	~2000 mA
Current Draw In Shutdown Mode:	30 mA
Power Supply:	24V DC, 2.0A

**Environmental Information:**

Cooling:	Natural
Storage Temperature:	-65° - 100°C
Operating Temperature:	-25° - 85°C

**Dimensions:**

Height:	34mm
Width:	118mm
Depth:	127mm
Weight:	454 g/1.0lbs

**Certifications:**

RoHS, FCC, UL, Plenum Rated

**Warranty:**

1 Year

**Package Type:**

Box

