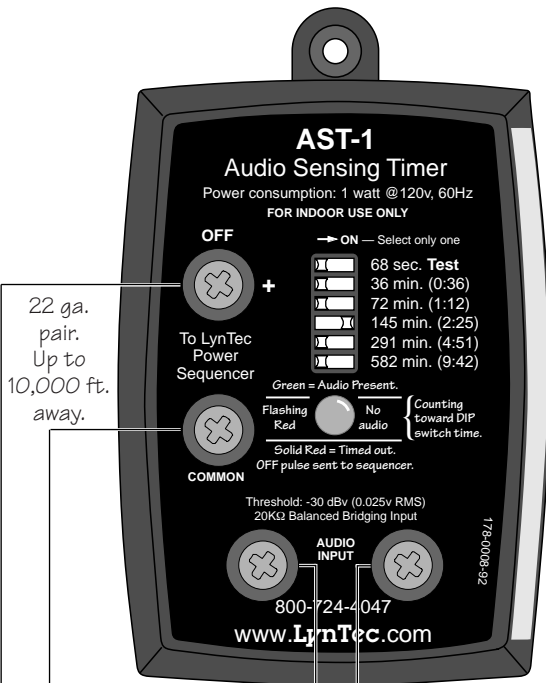


A sensor to shut down the sound system if it isn't being used

Ideal for church sound systems — Shuts off system after a preset period of no audio

Application: In systems that have no operator, often the person turning on the system isn't there to turn it off... or forgets.



Scale: 1 to 1, Actual size.

What it does

Provides a momentary OFF pulse to shut the sound system AC power sequencer off after a predetermined period of no audio signal.

How it works

A 20K balanced bridging audio input in the AST-1 senses any audio above -30 dBv. (0.025v RMS)

This detected audio continually resets a long-time timer to zero as long as audio is present. The LED flickers green when the audio is just above threshold and solid green above -10 dBv. (0.245v RMS)

When audio ceases, the LED starts flashing red as the timer starts counting toward the preset time.

When the AST-1 timer reaches the preset time set by one of the DIP switches, the LED lights solid red and the time-out momentarily connects the OFF terminal to COMMON, triggering the LynTec sequencer to shutdown.

The AST-1 provides a momentary, polarity sensitive, optoisolated closure that is paralleled with the OFF and COMMON contacts of the LynTec sequencer.

The DIP switch provides selectable times from 68 seconds to over 9 hours.

The 68 sec. Test position provides quick confirmation of the AST-1's performance.

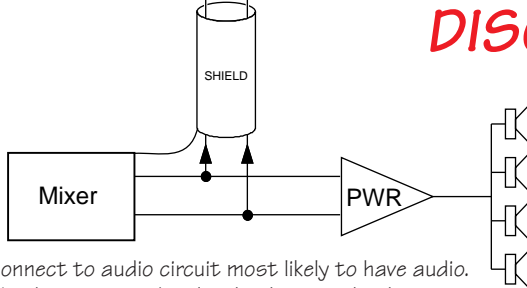
146-0172-01

www.LynTec.com

Plug into sequenced or unsequenced 120v. power.

DISCONTINUED

9/1/02



Connect to audio circuit most likely to have audio. May be connected to line level or speaker lines. Any signal from 25 millivolts to 120 volts.



LynTec
MSLC, SLC, MSP or SP series
Sequencing Systems
or
PDS series
Power Delay Sequencer

Other versions are available to provide a constant output at time-out — call us.

BENEFITS

- Ideal for systems using automatic mixers. Brings audio system one step closer to being fully automatic.
- Saves energy. Each 3 watts saved in audio system idling saves at least 1 watt of additional air conditioning cost.
- Saves systems that may overheat when the air conditioning is turned off.
- Reduces probability of transient or lightning damage by reducing ON time.
- Increases fan life and reduces amplifier dirt ingestion.
- Doesn't rely on a volunteer to make sure the system is off.
- May also be used as a cost effective audio monitor. — Have an application? — Ask us!

LynTec ■ 800-724-4047 ■ Fax 888-722-4157