

Technical Specification.

Input:

TOSLINK optical connection digital audio at either 44.1kHz (CD) or 48kHz (surround).

Output:

Optical output using the TOSLINK.

Delay:

0 to 340mS in 5mS steps.

Power:

Supplied with a 9V unregulated power supply. 9V switched mode supply recommended.

Power consumption ~1W

LED power indicator.

Dimensions:

100 x 76 x 41mm.

WARNING!

The Digital Audio Lip Sync Delay device includes a 230V mains adaptor, which supplies 9V dc. All normal precautions should be observed towards electronics devices. Do not spill any liquids on the unit or power supply. Do not attempt to service the unit. Do not cover the unit, do allow for ventilation. Do not spray the unit with any combustible substances.

In the unlikely event the unit falters for any reason, disconnect from the mains supply and retry after a few minutes. Contact information is provided below.



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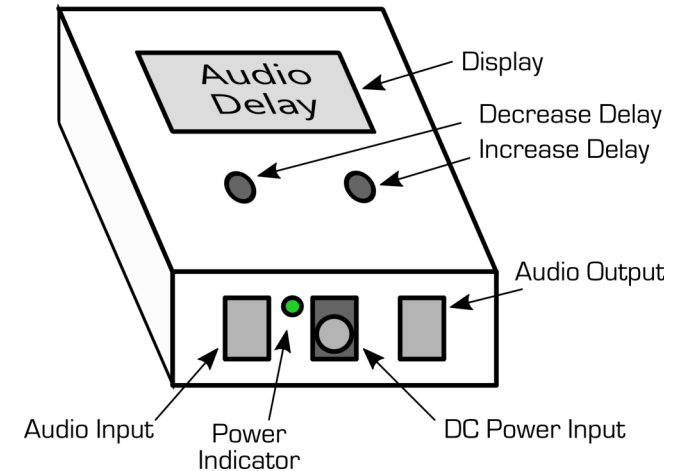
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Digital Audio Lip Sync Delay

<http://www.js-technology.com>

Instruction Manual.



- Re-synchronise sound and vision.
- Delays audio to compensate for video processing delay, solving lip-sync.
- Digital optical input and output – the type typically found on most sources.
- Corrects audio / picture sync for up to 340ms (0.34 seconds).
- LCD screen shows current input and delay.
- Easy to use with user control to increase and decrease delay.
- Compatible with CD, DVD, Dolby Digital and DTS audio.

It is recommended that good quality leads be used with the digital audio delay. Suitable cables are available from J.S. Technology as well as most good retailers. The unit requires 9V DC supply to operate and a suitable mains adaptor is included.

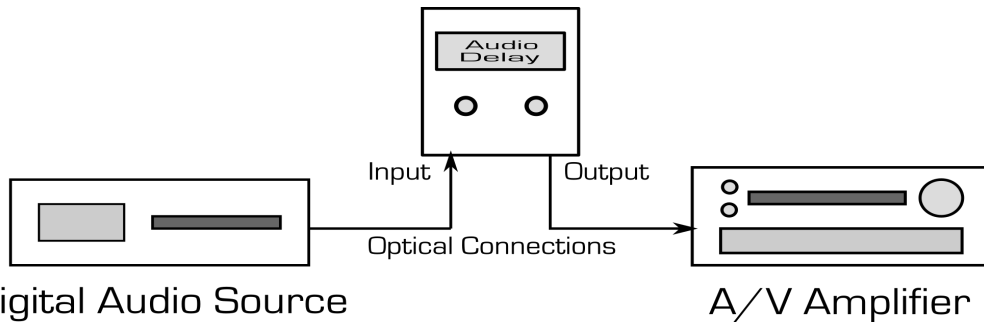


Designed & manufactured in UK/Europe.



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Connections to the Digital Audio Lip Sync Delay.



There are three connectors on the Digital Audio Delay unit.

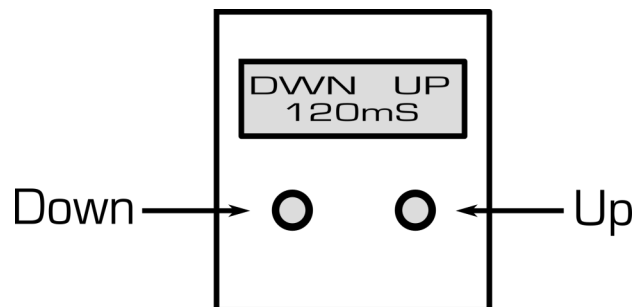
- Digital Optical Input
- Digital Optical Output
- 9V Power

The source should be connected to the Digital Optical Input, with the Digital Optical Output being connected to the Audio / Visual (A/V) amplifier. The unit should be powered from a 9V DC adaptor, such as the one supplied.

Adjustment of Delay.

Pressing either one of the two buttons on the Digital Audio Delay device will allow for an adjustment of the delay. With the unit in front of you the left button is to reduce the delay, the right to increase. These are marked on the display as Down and Up respectively, as shown below.

Maximum delay for 44.1kHz and 48kHz is 340mS.



Normal Operation of the Digital Audio Delay

During normal operation of the Digital Audio Delay the unit will display the current input signal type and delay being applied, see below. Where there is a change of input the display show as summary of the input signal.

If the adjustment buttons have been pressed to set a new delay, the screen will show "Setting:" with the new delay value.

Normal Operation:

J.S.
Tech'

Signal
48kHz

Delay
120mS

Audio
Delay

After change of input:

48kHz
120mS

After changing delay:

Setting:
120mS