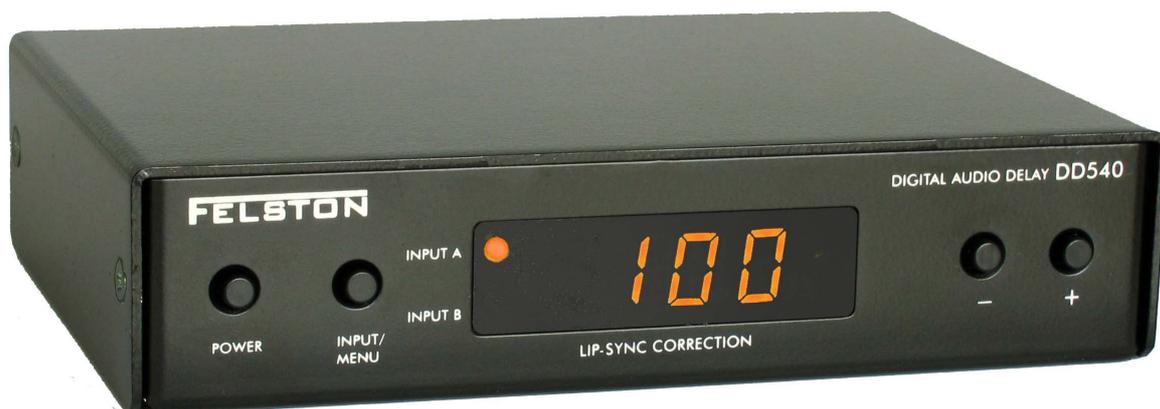


# Your TV's Sound & Picture ...Back in Perfect Sync



## Felston DD540 *Dual-Source Digital Audio Delay*

Out-of-sync audio ("lip-sync error") is a significant and frustrating problem. If you use an A/V amplifier then the Felston DD540 is the answer.

Modern displays such as plasmas, LCD screens and digital projectors are a major cause. Their sophisticated processing produces superb picture quality but is often at the expense of displaying the image a few frames after the audio - lip sync error.

In addition, lip sync error can also vary between DVDs, television channels and programs,

meaning instant, easy adjustment is what is needed to keep lip-sync error at bay.

The DD540 gives you just this, adding lip sync correction to your A/V system. It works with any digital audio source (DVD players, many digi-boxes/satellite/cable receivers, etc.)

The diminutive DD540 corrects out of sync sound and picture by delaying the audio by whatever amount you need. Instant adjustment if and when you need it via remote control.



***Audio sync correction for your A/V system***

**FELSTON**

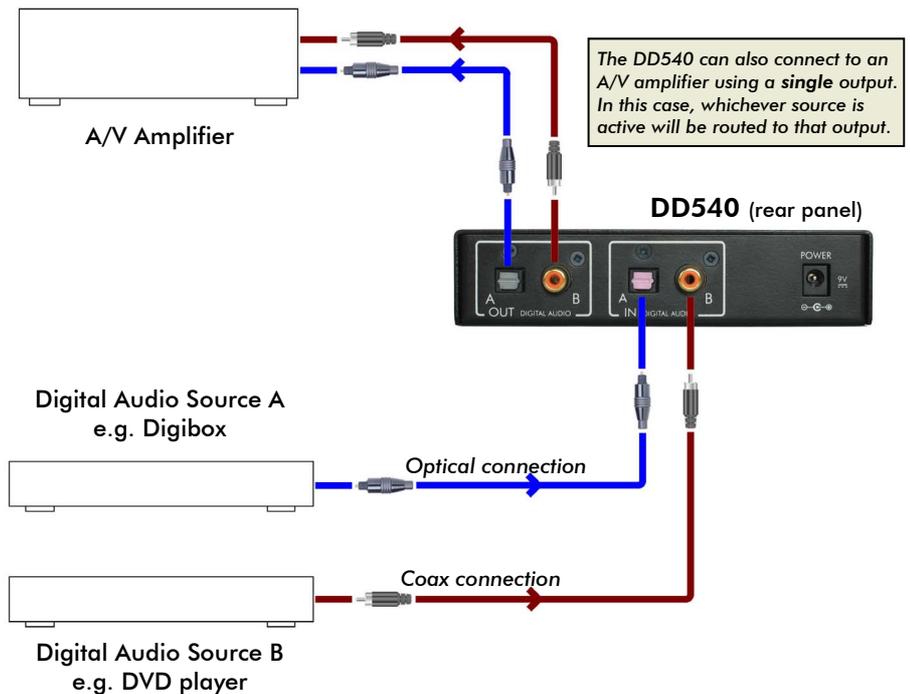
**DD540 Digital Audio Delay**

## How It Works

The DD540 connects to up to two sources of digital audio (S/PDIF) and to the digital audio input socket(s) of your A/V amplifier.

The DD540 delays the digital audio signal reaching your amplifier by whatever time you require, thus re-syncing picture and sound perfectly.

Simply adjust the delay required using the remote control.



The easy-to-use remote control allows full and instant command of the DD540 from your armchair

## Dual-Source Capability

Both optical and coax digital audio connections are provided. Either or both may be used, allowing up to two digital audio sources. If two sources are connected, the DD540 selects the active input automatically, or the input may be selected via the remote control.

Whenever the input changes, the delay last used for that input is immediately restored. This is invaluable if one input requires a different delay to the other, requiring no user action to the DD540 when changing sources.

## Delay Adjustment

Any delay between 0 and 680 milliseconds (two-thirds of a second) may be selected using the remote control. 6 user-programmable presets per input allow instant selection of your most common requirements. If no delay is required, put the DD540 into standby and the signal passes through without delay.

## Audio Quality

Delaying the audio does not mean compromising audio quality either. With bit-perfect reproduction and re-clocking, the DD540 maintains complete integrity of the original digital audio signal.

## SPECIFICATIONS

### Audio Delay Capabilities

- 0 - 680ms (milliseconds) in 1ms steps (for 32-48kHz sample rate signals)
- 0 - 340ms in 1ms steps (for 96kHz sample rate signals)
- 12 x user-programmable presets (6 per input)

### Audio Signal Compatibility

- Digital Audio (S/PDIF):
  - All current broadcast/DVD standards (Dolby Digital/EX/DTS/ES/PCM etc.)
  - Audio sample rates of 32kHz, 44.1kHz, 48kHz (standard DVD), 96kHz (e.g. DTS 96/24)

### Connections

- Digital Audio Inputs (2):
  - Optical socket
  - Coaxial, RCA phono socket (75Ω, 0.5V pk-pk)
- Digital Audio Outputs (2):
  - Optical socket
  - Coaxial, RCA phono socket (75Ω, 0.5V pk-pk)

### Other Features

5 display brightness levels; configurable output socket options; discrete IR commands for Pronto and other learning remotes

### Dimensions, Main Unit (W x D x H)

5.7" (145mm) x 4.1" (105mm) x 1.4" (35mm), 9.9oz (280g)

### Power Consumption

3 Watts max.

Your dealer is:

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or contact us for  
details of your local dealer

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