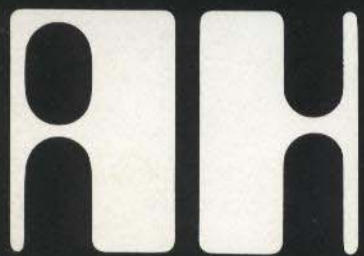


Take a few minutes
to find out about
an **ADT** unit by Allen
and Heath.



The Allen and Heath Automatic Double Tracker

If you're looking for a low cost delay line, look no further than our A.D.T. unit.

It's an invaluable asset to any multi-track studio.

It means you can forget all the worries that double tracking with tape bring.

Simply plug the unit in, set the double track speed you want, and record.

You can also achieve delay effects and triple track effects again without the inconvenience of running two tape machines at different speeds.

Additionally, it is possible to double track two signals simultaneously. This leads to great saving in session times, which in turn leads to a very good working relationship with your client.



How the unit works

The unit utilises a bucket brigade delay line. It provides two totally independent delay paths. Each giving a maximum of 24 milli-seconds in 6 milli-second steps. (6-12-18-24). This corresponds to a high speed tape recorder running at 30 ips. By running the two delays in series, it is possible to obtain a maximum delay of 48 milli-seconds. This corresponds to 15 ips.

The unit in use

Say, for example, you're double tracking a vocal. Insert the A.D.T. into the break point on the mic channel. Then, by adjusting the mix control you get the correct balance between the direct and delayed signal. And, at the same time, you'll be optimising the delay time for the effect required.

Other applications

Ambience quad can be achieved by feeding the left-right front signals into the two delays separately. Then putting down on to your left-right four track master tape the straightforward stereo image, and putting the delay path down to three and four, the back pair. Our A.D.T. can also be used in conjunction with delay and reverberation units. Use it for sound reinforcement and trick effects with limiters. In fact, with an imaginative engineer, the sky's the limit. That then is our A.D.T. Fast, efficient, but above all, an economical piece of equipment. Use it once, and you'll never double track with a tape machine again.



Technical Specifications:

Connections – cannons on inputs and outputs

Delay per line – 24 milli-seconds

Nominal output – 0dBm

Maximum output – +18dBm

Noise – 60 dBm at 48 ms

Frequency response 30Hz to 12.5kHz \pm 3dB

Distortion less than 0.5%

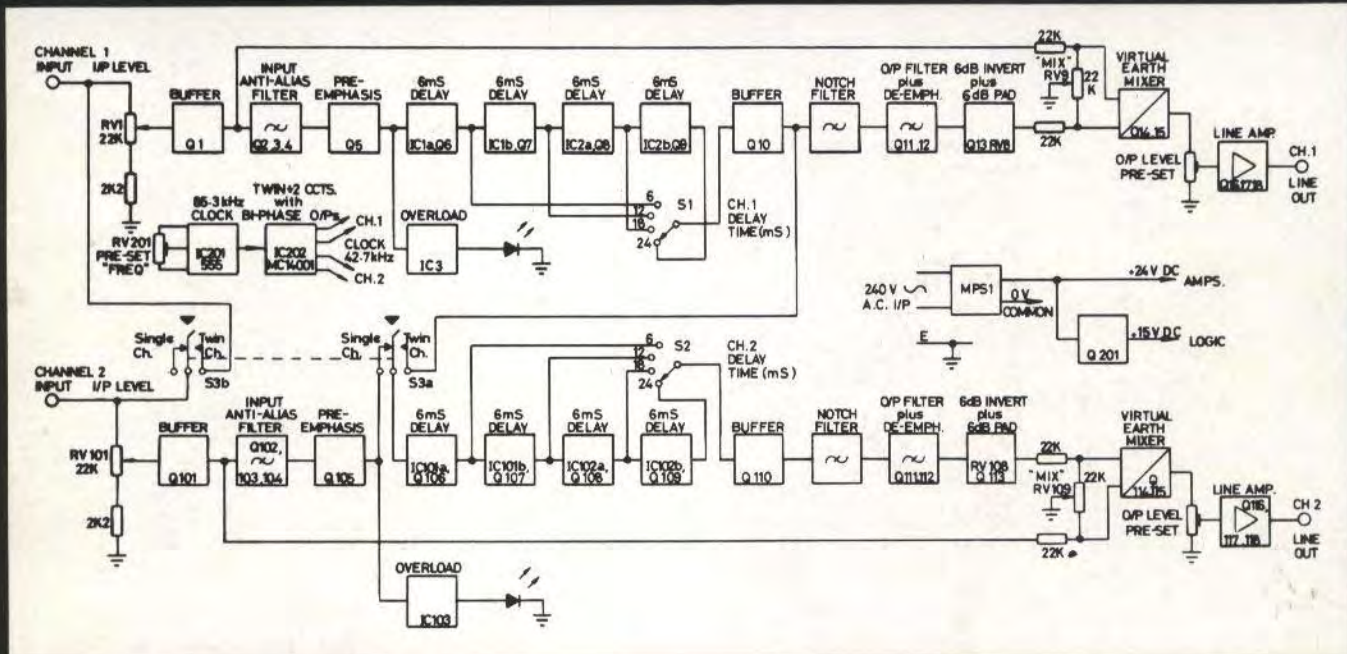
Input impedance normal 10K ohms (optional 10k ohms balanced)

Output impedance to drive down to 600 ohms impedance (optional 600 ohms balanced)

Mechanical Construction:

Available as a 19 inch by 1 $\frac{3}{4}$ inch rack mounted unit or a shelf mounted unit

N.B. The Company reserves the right to alter design specification without notification.



Block Diagram

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