

FEATURES

- 32, 44.1, 48kHz sampling
- Selectable 24/20-bit conversion
- AES & video references
- Variable delay to 1.25s in 1ms steps
- Test tone

CONVERTS TWO ANALOGUE STEREO AUDIO INPUTS TO TWO AES DIGITAL AUDIO OUTPUTS WITH 24 BIT OR 20 BIT PRECISION.



This multipurpose ADC module uses a DSP processor to provide a high level of flexibility with regard to user options and settings including audio delay, input level adjustment and test tone generation. 24 bit or 20 bit conversion is link selectable. The selection of 20 bit conversion sets the 4 LSBs of the 24 bit audio sample in the output AES streams to zeros. An analogue video reference input allows the AES outputs to be made 'clock synchronous' with the video frame rate (single frame for 625 systems, five frames for 525 systems).

Alternatively the AES outputs can be synchronised to an external AES reference. This has the additional benefit of aligning the AES block sequence. A variable delay from 0 – 1.25s can be set from the front panel or remotely from Viewfind DART. Resolution is in 1ms steps. All standard sampling rates are supported.

