"The definitive A/D converter for music recording"

"record at 96kHz 24-bit and simultaneously use the auxiliary output at 44.1kHz to make a 16-bit DAT"

"synchronization flexibility, with Prism Sound’s unique high-order jitter rejection"

"a one-box solution with integrated sampling-rate conversion, format conversion and noise shaping"

"Dependable, compatible performance for years to come"

The A/D conversion of musical signals is the key stage in the digital recording chain. Care and attention at this stage will pay dividends right through the production process and on to the listener.

But in today’s rapidly-changing media industry, it can be difficult to identify the right way forward for recording facilities. As a result, investment in new technology is inevitably linked with concern about recording formats and future compatibility.

The Dream AD-2 is the definitive music A/D converter, providing the most accurate rendition of an audio event whether it be early music, classical, jazz, big band, a dub mix or the hardest of hard rock.

The AD-2 conversion system provides an audio stream of such exceptional quality that it will be relied upon for years to come as the definitive source for productions on CD, DVD, Super Audio CD or other formats as they become available.

Furthermore, the AD-2 includes the other essential tools needed for audio production on the formats that will mark the arrival of the next millennium, without which the performances so carefully captured would never be properly revealed.

Prism Sound have been at the forefront of high-quality professional audio for a decade and have contributed widely to the body of knowledge available in the industry, especially in topics such as jitter, conversion quality, signal processing, test and measurement.
MAKE A 96kHz RECORDING AND A DAT FROM THE SAME A/D
The AD-2 provides two independent output channels which can run with different sample-rates, wordlengths, noise-shaping and dither schemes and interface formats.

EASY TRANSFER BETWEEN TAPE AND DISK
AD-2 supports all popular interface formats including the new two-wire and double-speed AES variants for higher-rate-sampling (HRS; e.g. 96kHz) recording. The AD-2 can perform format conversion for transfer between devices with different interfaces. For example, the AD-2 can convert 96kHz two-wire to 96kHz double speed AES or between AES3 and S/PDIF or SDIF-2.

BUILT-IN PEAK METER
The AD-2 incorporates a digital peak meter complemented by a precision digital level readout in the LCD display. With a switchable 'hold' function these facilities eliminate the need for a separate meter.

MAKE A HIGH-RESOLUTION RECORDING USING A 16-BIT RECORDER
The AD-2 provides two methods of recording higher-resolution on 16-bit recorders. Suitable for 96kHz or 44.1/48 kHz sampling, the Prism Sound ORE system extends dynamic range of the format, subject to decoding using the built-in ORE decoder. Alternatively, noise-shaping can be used. Prism Sound Super Noise-Shaping (SNS) can place the quantization noise energy at high frequencies so rendering the noise inaudible. A range of different SNS curves are provided, offering varying degrees of subjective noise reduction.

Note: Recordings processed using SNS noise-shaping are fully compatible with all domestic CD and DVD players and will yield exceptional results. Best results will be obtained when listening with higher-specified D/A converters such as the Prism Sound Dream DAr and DA-2 converters.

REDUCTION TO COMPACT DISC (CD) BIT-RATES WITH MINIMAL LOSS OF QUALITY AND DETAIL
The AD-2 provides synchronous sampling-rate conversion, wordlength reduction and interface format conversion in one box, so avoiding the inconvenience and expense of separate processor or conversion units.

- Built-in sampling-rate converter with digital input and output capability.
- Support for 2-wire and double-speed AES interfaces for higher-rate sampling (HRS), including conversions between the two.
- Support for the most popular interface formats (AES/3TOSlink optical, S/PDIF and SDIF-2).
- Integral SNS noise-shaping system for word-length reduction.

The AD-2 allows simultaneous (or independent) wordlength reduction from 24 to 16 bits with a choice from a variety of Prism Sound SNS noise-shaping curves.

Note: Recordings processed using SNS noise-shaping are fully compatible with all domestic CD and DVD players and will yield exceptional results. Best results will be obtained when listening with higher-specified D/A converters such as the Prism Sound Dream DAr and DA-2 converters.

EASY TO USE IN A VARIETY OF SITUATIONS
The AD-2 provides a Setup Wizard feature, eight factory preset configurations and a further eight user-configurable presets to complement the menu system. This makes light work of harnessing the immense power of the AD-2. Settings are displayed on dedicated LED displays and so are visible all the time.

The AD-2 allows headroom and gain trim via the menu system and these can be set by the user presets if desired. This is useful when using different types of source, such as a microphone amplifier or a recording console.

ASK FOR A DEMONSTRATION
Call us now for details of your nearest distributor and ask for an on-site demonstration. For further technical information, phone or fax Prism Sound or e-mail sales@prismsound.com.