

# New High Quality Home Theater Receiver from Kenwood Spotlights TI Technology

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[Texas Instruments Incorporated](#) (TI) (NYSE: TXN) announced a new consumer product from Kenwood that features TI's PurePath [Digital](#) technology. Helping to differentiate home theater equipment, PurePath Digital technology is implemented in TI's digital amplifiers and produces the most lifelike sound while enabling sleek, slim-profiled high power audio products.

"Kenwood's Sound Meister System, consisting of sound quality experts, screens and researches audio innovations, and TI's PurePath Digital technology has surpassed our stringent performance requirements," said Mr. Mitsuo Hagiwara, the Sound Meister of Kenwood Corporation. "We chose TI because it delivers superior sound quality, powerful functionality and a slim design."

Kenwood's VRS-N8100 audio/video receiver utilizes TI's TAS5182 power stage, controlling two channels of up to 100 watts (W) (6 ohms) of high-efficiency output each, and the TAS5076, a 24-bit six-channel pulse-width modulator (PWM) processor. TI uses noise-shaping and error-correction filtering algorithms to achieve superior dynamic range and flat noise floor with no spurious tones. The VRS-N8100 has a suggested retail price of \$700 and will be available at major retailers in September 2004.

"TI's PurePath Digital technology logo is like a gold seal of approval that assures consumers they are getting a product with TI's digital amplifier, which enables some of the best sound performance available," said Jeff

Akgul, Digital Home Audio business manager, Texas Instruments. "As more and more products begin to hit store shelves highlighting the PurePath Digital technology brand, consumers will be able to clearly identify which products offer superior audio quality to ease the purchasing process. TI's expertise in digital entertainment and sound quality enables PurePath Digital technology to provide a measured and perceived difference in audio performance that is the best in its price range."

## **The PurePath Digital Difference**

TI's PurePath Digital technology allows consumer electronics manufacturers to build completely digital, end-to-end audio products with cutting-edge sound reproduction. TI enables superior audio quality that is unmatched at specific price points. By bringing movie soundtracks or music to the listener exactly the way the artist intended, PurePath Digital technology offers the best in high-end digital entertainment to the everyday consumer.

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