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[For immediate release]

Steve Meade Designs and D'Amore Engineering Launch the DD-1 Distortion Detector!

Steve Meade and Tony D'Amore have partnered to solve one of the most difficult problems that DIYers and car stereo installation professionals alike face – correctly setting the gain controls on car audio equipment. The SMD DD-1 Distortion Detector makes this process painless and simple. Quite simply, it provides the fastest, easiest, and most accurate way to achieve a distortion free signal by properly matching the input levels of amplifiers and signal processors to any head unit.

The SMD DD-1 has been designed to simplify the process of setting the gains on any signal processor or amplifier, and it can be used to determine the maximum undistorted level of any source unit – aftermarket or OEM. It can even be used to measure the distortion of a source unit through an amplifier! The unit is simple to operate and indicates when the measured distortion exceeds 1.0%. It is compatible with power amplifiers producing as much as 125 Volts RMS (15,000 Watts at 1 ohm). It will also auto turn-off within 8 to 10 minutes of being turned on to conserve the battery.

"Traditionally, experts recommend the use of an oscilloscope to properly set the gain structure of an audio system. I have encouraged this for as long as I remember. The problem has always been that many are intimidated by the operation of the oscilloscope itself – even seasoned professionals," commented Tony D'Amore of D'Amore Engineering. He continued, *"The DD-1 is a product that has been on my mind for a long time. Not only does it provide an easy way for the car audio enthusiast to set their gains correctly the first time around, it also provides installation professionals with a tool that is more correctly suited to the task at hand. Unlike an oscilloscope, the DD-1 detects the presence of distortion and not clipping, at a fraction of the price of a laboratory grade distortion analyzer. The accompanying photos show two different examples of sine waves that are distorted but not clipped."*

[See attached photos.]

Steve Meade had the following to say in regards, *"All I wanted when Tony D' and I first started discussing this was an easy way for someone to set their gains and a handy tool with a light to show clipping without having to purchase an expensive scope. Tony D' took this to a whole 'nother level and the SMD DD-1 is the result. The SMD DD-1 wasn't designed to replace the oscilloscope altogether, but it offers a much simpler and more accurate way to set gains – especially for those just getting started out. I couldn't be more excited to work with him on this project!"*

The kit includes:

- The DD-1 itself
- A protective silicon rubber boot
- Calibrated test tone CD
- Harness
- Step by step instructions

The SMD DD-1 has a MSRP of \$169.99. It can be purchased via West Coast Car Audio, <http://wccaraudio.com/> .

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