

PRESS RELEASE

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The new Test and Measurement standard for FM...

Audemat-Aztec (www.audemat-aztec.com) is announcing today that it will exhibit new NAVIGATOR Modulation Analyzer at Broadcast Asia Singapore from 19th to 22nd June 2007.

NAVIGATOR Modulation Analyzer integrates all the tools and functions necessary for the control and measurement of the whole FM radio diffusion network, from audio source to RF signal, all with the best accuracy available on the market.

The NAVIGATOR Modulation Analyzer incorporates an entirely digital demodulator.

RF, MPX and audio signals are digitized as soon as they enter the equipment; the processing done in the equipment only serves analysis purposes.

Concerning the RF input, this acquisition is done using an accurate high speed converter, directly from the FM transmitter or generator, without mixing.

This input digitization gives the equipment reproducible measurements over time and from one device to another: the same signal applied to two devices will give exactly the same result. Accurate digital filters, used in this equipment, enable FM multiplex signal components to be isolated, in a reproducible manner from one device to another and complete freedom from drift. 'Computation power', available in the NAVIGATOR Modulation Analyzer, is a mean of refreshing simultaneously and synchronously all measurements. This enables all FM Multiplex signal components' time readings to be carried out, while viewing the 4 available spectrums and keeping a record of the decoded RDS.

All the main interfaces are present in this equipment (analog audio input/output, digital audio input/output, RF input, MPX input...) to validate a complete chain of FM diffusion.

A very easy to use software allows a clear view of the measurement, a synthetic view of the main parameters, and therefore the control and management of the FM transmission chain. It also integrates an automatic report of the measurements for post analysis.

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The best accuracy available on the market

The Navigator-Modulation analyzer uses 100% digital technology. Measurements are done entirely with algorithms of demodulation decoding, filtering, and ponderation. Calculations are independent of the material.

Except for DAC and ADC converters which are some of the best on the market, precision of measurements is directly and completely linked to the precision of the computation. For instance, it is possible to compute the excursion of a modulated signal with a precision better than 0,5% (typical 0,2%). This product can be used as a reference for the quality control of a program using the digital AES-EBU output just because between the RF input and the digital output, the signal is always digital.

About Audemat-Aztec:

Audemat-Aztec (<http://www.audemat-aztec.com>) is a world-wide pioneer in the development and manufacturing of high technological equipment for TV and radio broadcasting networks.

Audemat-Aztec can supply a comprehensive range of devices for mobile and remote monitoring in Radio and TV, remote transmitting in TV as well as encoding RDS.

Audemat-Aztec's headquarters are in Bordeaux-Merignac.

Audemat-Aztec is also represented in the USA via its subsidiary, Audemat-Aztec Inc. located in Miami, Florida.

Audemat-Aztec has won a total of 11 awards for 7 years in a row at NAB.

Audemat-Aztec is quality certified by BVQI ISO 9001.

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