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# NEW PRODUCTS

## IBC 2008 – Radio Products

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### AUDEMAT Product:

- [RADIO ALL IN ONE - Digiplexer 246 with audio backup and FM transmitter option](#)

This “all-in-one” product is an evolution from years of Audemat expertise in this field. Actually, Audemat developed their first “all-in-one” products several years ago: the Digiplexer FMX series (FMX480 and FMX410) those units included an RDS and stereo encoder as well as a digital clipper. Last year Audemat launched at IBC 2007 a new generation of Digiplexer: the Digiplexer 214. This unit includes now a cutting-edge digital audio processor, 2 or 4 band. This year Audemat is showcasing their new addition to the line, the Digiplexer 246: a 3U unit with front panel touch screen for easy configuration. The Digiplexer 246 includes a world-class digital audio processor (2/4 band), RDS and stereo generators, transmitter remote control capabilities, backup audio over IP capabilities and an optional built-in FM exciter (1, 20 or 100W).

This unit is the first one in its class available on the market. The 4 band version features 2.8 Giga flops of processing power which allows a sampling frequency of 192 kHz for incoming audio and a 1.5 MHz sampling frequency for the final composite/MPX clipper. The Digiplexer series provides an analog feel to the sound with the accuracy you would expect from a digital processor. “The DSPs in the Audemat DIGIPLEXER 246 feature one of the highest calculation rates available to date, 4 giga-flops.” States Nicolas Boulay, Vice President of Research and development for Audemat.

### ECRESO Product:

- [RADIO ALL IN ONE – NEXT FM with new built-in audio backup and 2/4 band digital audio processor \(optional\)](#)

The NEXT FM is a new generation of FM exciter that can be delivered in 3 different power ranges 1, 20W or 100W. On top of classic broadcasting functions, NEXT FM includes additional and innovative peripheral features such as stereo encoding, state of the art digital sound processing FM/HD/DAB 2/4 band, RDS encoding, audio back up, and the capability to manage a 1+1 installation and perform preventive maintenance with embedded broadcast test equipment. The NEXT FM Exciter can be packaged with RF amplifiers to create an “All-in-one” transmitter ranging from 250 W to 10 kW.

NEXT FM is available in three different packs: standard, high quality or re-broadcasting pack and seven



different versions to meet as many requirements as possible. “This is Radio all in One” states Jean-Baptiste Roux, “we just need to add an antenna and you are on the air!” Adds Roux. “We have decided to combine the Ecreso “know-how” for FM transmitters to the Audemat expertise in RDS, Audio over IP, Remote control, FM broadcasting and Audio Processing.” The NEXT FM addresses current issues facing engineers: lack of space, price and efficiency concerns.

### **About Audemat:**

AUDEMAT (<http://www.audemat.com>) is pioneer in the conception and manufacturing of innovative products for Broadcast professionals. Almost one third of the staff is dedicated the development of innovative technologies.

AUDEMAT is the only European company that has won 12 awards over 9 years for product innovation at the World Broadcast Show (NAB – Las Vegas). The AUDEMAT group is privately owned by the board of Directors, as well as capital investors.

About 100 employees are located at the Bordeaux-Merignac site. AUDEMAT has an office in Beijing (China) since the beginning of 2008; and a subsidiary company in Miami (Florida-USA). With 7 employees, the U.S. subsidiary is in charge of developing sales in North and South America, Australia and New Zealand. The AUDEMAT group recently acquired Nortek, a TV specialist located in Lille, France.

AUDEMAT has been ISO9001 certified for 10 years; it recently obtained ISO14000 certification (environmental management standards). Since 2007, the AUDEMAT group has dedicated part of its profits to offsetting CO2 gas emissions by being part of actions for sustainable development around the world.

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