

SMPTE NEWSLETTER 2009



ALL RADIO FREQUENCY COMMUNICATION

STAND B45

From ABE Elettronica **50 Watt Digital Transmitter**

which includes a GPS receiver, SAT receiver, double power supply and LAN interface.

Ask our staff also about the special pricing being offered on the **Hi-Performance DVB-T/H modulator**.

From RVR Elettronica

A **TEX1000 LCD/PFC** transmitter will be on display.

Ask our staff about the new water cooled Fm transmitters from 5kw to 10kW

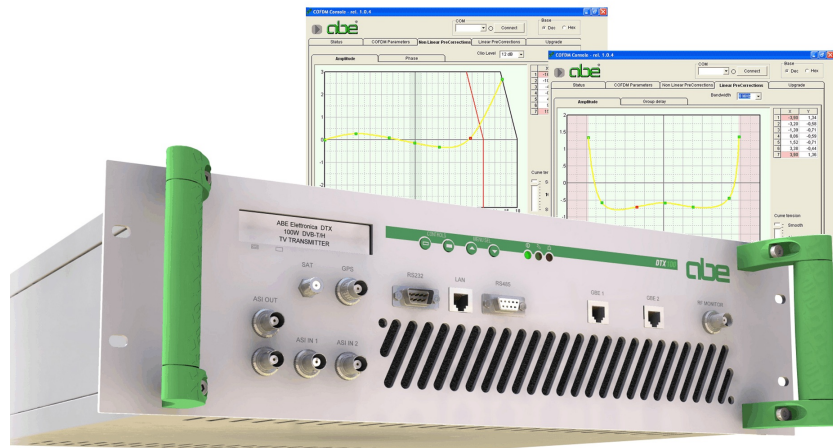
From DRE FM Xtra

Digital Radio - In-band, on-channel digital broadcasting using the existing SCA subcarrier portion of a standard FM broadcast channel.

From Alert FM

FM Radio Based Alert and Messaging System for emergency services.

Register on line at <http://www.smpite.com.au>



50 Watt Digital Transmitter

FEATURES:

- ④ ✘ A high performance digital COFDM TV Transmitter - Regenerative Transposer - Transmodulator -Gap-filler featuring high MER.
- ④ ✘ Ultra compact solution integrating a choice of input interfaces, a GPS locked reference oscillator, an agile upconverter and a broad-band power amplifier
- ④ ✘ High reliability and low power consumption
- ④ ✘ Low cost of ownership, low capital cost, running expenses & maintenance.

High Performance Modulator

Transform your “Digital Ready” transmitter in to a Digital Transmitter.

Modulator Features:

- Full compliance with EN 300 744
- MFN/SFN network mode
- Digital linear and non linear precorrection
- DVB-H mode and hierarchial moduations supported
- Agile IF output

Options available include:

- GPS for SFN networks
- GBE, DVB-S/S2, DVB-T input interface
- Agile - Up-converter

From RVR Elettronica FM Transmitters



The new water cooled 5kW FM transmitter ideal for situations where air forced cooling systems and costly air conditioning would be insufficient or potentially insufficient.

The **BARRACUDA** range of transmitters are cooled with a non toxic, non corrosive liquid that can withstand extreme temperatures.

The new transmitters are highly compact with the 10 kW being only 27 RU high.

DRE FM XTRA DIGITAL RADIO



This is a system for in-band, on-channel digital broadcasting using the existing SCA subcarrier portion of a standard FM broadcast channel.

The system is about to undergo trials in Canberra and if successful will be available for use in all areas throughout Australia.

How ALERT FM Works



EMERGENCY MANAGEMENT OFFICIAL ACCESSES THE ALERT FM PORTAL A WEB BASED INTERFACE.



HE/SHE CREATES THE ALERT OR MESSAGE AND CHOOSES THE APPROPRIATE GROUP AND GEOGRAPHY TO RECEIVE THE MESSAGE.



THE MESSAGE IS RELAYED BY SATELLITE TO THE TRANSMISSION TOWERS OF COOPERATING FM RADIO STATIONS



THE FM TOWERS BROADCAST THE MESSAGE TO THE INTENDED RECEIVER.

MESSAGE SOURCES

ALERT FM RECEIVERS



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