



ENERGY-ONIX

BROADCAST EQUIPMENT CO., INC.

VALATIE, NEW YORK 12184

MAILING ADDRESS:
P.O. BOX 801

STREET ADDRESS:
1306 RIVER STREET

DRE OVERVIEW

DRE is an economical technology which permits the multiple digital programs to your existing analog FM station. It has the following features:

- ◆ Can be used with any FM transmitter.
- ◆ No Complexity – can be installed within 10 minutes.
- ◆ Minimum investment required
 - Digital Encoder ----\$12,000.
 - Digital Receiver----\$ 199. (In small qty)
- ◆ Digital encoder utilizes advanced AACCP codec which assures highest audio fidelity.
- ◆ System is truly “in Band” and can be configured to produce (2) stereo digital channels or (4) mono digital channels in the SCA frequency range of your present FM channel.
- ◆ “Addressable receiver” can be used in subscription paid dedicated services.
- ◆ Can be used as an STL for multiple stations.

TYPICAL APPLICATIONS

- ◆ Dedicated supply of programs to specific sections of the service area not covered by the existing analog program.
- ◆ This could be:
 - ◆ (a) population with a “Foreign Language”
 - ◆ (b) Religious Programs
 - ◆ (c) Retired People
 - ◆ (d) Sports Format
 - ◆ (e) Classical Format
 - ◆ (f) Government channels
 - ◆ (g) Weather channels
 - ◆ (h) Education channels
 - ◆ (i) Store Casting
 - ◆ (j) Books for the Blind
- ◆ If DRE is implemented on a mono-FM station, it is possible to generate (4) digital stereo channels or (8) digital mono channels. If DRE is utilized on a stereo analog FM station, it is possible to simultaneously transmit the stereo analog program, RDS, and (2) digital stereo programs all within the assigned FM channel.