

# Extremely Cool and Efficient.



FEATURING THE AT8001™ DIGITAL EXCITER

Linear AT71-500-11™ 500W Transmitter



The Linear line of 19" transmitters takes customer input to a new level of size and structure.

Its drawer size of 4 RU(H) × 19"(W) × 26"(D) reduces your installation footprint. **Nine temperature controlled cooling fans** provide optimal performance and longer life for critical components. Linear is leading the way for broadcasters with an RF efficiency rating of 27% and a power supply efficiency rating at 95%. Couple those specs with Crest Factor reduction and one of the most highly efficient excitors on the market today, and we stand out in any crowd—anywhere.

## FEATURE AND OPTION HIGHLIGHTS

- ▲ Linear pre-correction with 4  $\mu$ s peak-peak group delay capability
- ▲ Scheduler software to run corrections/measurements at scheduled times
- ▲ Internal GPS receiver
- ▲ Internal OCXO with +50 ppb frequency stability
- ▲ Selectable Timebase reference: Free run, Internal GPS, External 10 MHz, External 1 PPS or Incoming Transport Stream
- ▲ Proprietary Bandwidth Reduction Technology
- ▲ Use of Non-linear Pre-correction with Crest Factor Reduction leads to a 1.9dB analog peak sync/8VSB average power ratio
- ▲ Operates in VHF (BI-BIII) & UHF



Not just digital. Better digital.™

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