The Model CEE-20-R Command Encoder/Exciter (CEE) is a rack mount unit used for Flight Termination Systems and for checkout of flight termination receivers and command receiver/decoders.

The CEE accepts AC power and generates a modulated RF output suitable for interrogation of flight termination receivers and/or command receiver/decoders.

The CEE can transmit up to 6 tones simultaneously and the RF output power is adjustable from 0 to -127 dBm. The IRIG tones can be switched on or off independently from the control panel. The CEE can be controlled in Local mode using the front panel switches or in Remote mode using an RS-232 or GPIB interface.

An 8 Tone version of the CEE is also available.
Specifications

- **Size:** 3.50” H x 18.75” D (Standard EIA 19” Rack Mount)
- **Carrier Frequency:** 406 to 450 MHz in 100 kHz steps
- **Carrier Frequency Stability:** ±.0005%
- **Power Output:** 0 to -127 dBm
- **Output Impedance:** 50 ohms
- **Output Connection:** Type N Female
- **Modulation:** Wideband FM, ±30 kHz per tone
- **Tone Frequencies:** 20 tones per IRIG 313-01
  (maximum of 6 tones ON simultaneously)
- **Remote Control:** RS-232 (other options available)
- **Spurious Outputs:** -50 dBC
- **Harmonic Distribution:** < 2%

Options

- **Portable**
- **8 Tone model available**
- **Local/Remote:** RS-232, GPIB, or 10Base100 Ethernet
- **Customizable to fit your needs**