



Product Sheet

Command Encoder/Exciter

COMMAND ENCODER/EXCITER

The Model CEE-8-I/CEE-20-R Command Encoder/Exciter (CEE) units are rack mount portable units used for Flight Termination Systems for checkout of flight termination receivers and/or command receiver/decoders.

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

This CEE is available in both 8 tone and 20 tone models.

Specifications

Size:	3.50" H x 19" W x 18.75" D (Standard EIA 19" Rack Mount)
Power Input:	Universal Input: 115 VAC to 230 VAC, 50 to 60 Hz
Carrier Frequency:	406 to 450 MHz in 100 kHz steps
Carrier Frequency Stability:	± 0005%
RF Power Output:	0 to -127 dBm
Output Impedance:	50 ohms
Output Connection:	Type N Female
Modulation:	Wide FM, ±30 kHz per tone
Tone Frequencies:	Any combination of up to 8 tones per IRIG 313-01 Or 20 tones per IRIG 313-01 (maximum of 6 tones ON simultaneously)
Remote Control:	RS-232 (Options: RS-232, GPIB, or 10Base100 Ethernet)
Spurious Outputs:	-50 dBc
Harmonic Distortion:	< 2%



Features

- EIA 19" Standard
- Rackmount/Portable
- IRIG 313-01 Compliant
- Variable RF Output Level
- Variable Carrier Frequency
- Carrier ON/OFF Switch
- Local and Remote Control
- 8 or 20 Tone models available

Applications

- Range Safety
- Test