Flight Termination Test Set – 8 Tone

Features

- Portable
- 8 Tones (1 - 8 standard)
- IRIG 313-01 Compliant
- Variable RF Output Level
- Variable Carrier Frequency
- 20 Tone model also available
- Antenna and Coaxial Cable included

Applications

- Range Safety
- Test

Description

The Micro Systems, Inc. Model FTTS-P-8 Flight Termination Test Set (FTTS) is a portable unit used for flight-line checkout of flight termination receivers and/or command receiver/decoders.

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

The FTTS 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.

A 20 Tone version of the FTTS is also available

Export Sales of this product are subject to U.S. Government approval. Sales will not be approved to countries prohibited by the International Trade in Arms Regulations (ITAR)
Technical Specifications

Specifications

- **Size:** 9.00” H x 12” W x 5” D (Standard EIA 19” Rack Mount)
- **Weight:** approximately 10 pounds
- **Power Input:** Universal Input: 115 VAC to 230 VAC, 50 to 60 Hz
- **Carrier Frequency:** 405 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:** Any combination of up to 8 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

- **Rackmount**
- **Select any 8 of 20 available Tones**
- **20 Tone model available (FTTS-P-20)**
- **Local/Remote: RS-232, GPIB, or 10Base100 Ethernet**
- **Customizable to fit your needs**

Contact us for custom modifications

For additional information contact:
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20 Tone Model (FTTS-P-20)  Ready for Transport