



Configuration and Test System

The CATS provides a dedicated test capability for the LV2, ROVIS and AN/VIC-3 range of products and is used in the production environment.

CATS consists of two major items, the Personal Computer and the Docking Station

Portable Computer

This item connects to the docking station and contains all the application software and measurement cards for proving the units or diagnosing the system.



Docking Station

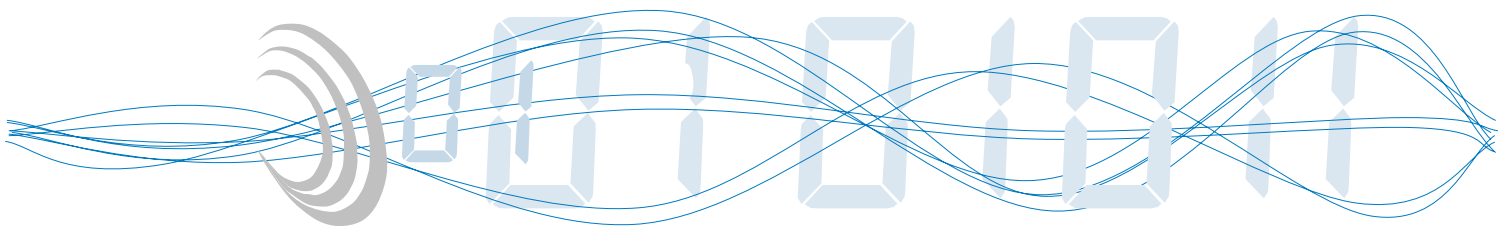
This item allows the connection of specific test cables that are configured for each unit type and houses the relay switching matrix for signal routing along with power supplies and the CD writer

Applications

The CATS is configured specifically for each Customer, however, the following applications are available

MCS	MCS/L	FFCS
FFCS/L	FFCS/D	RIT
RIT/D	RAFT	ITS
FFCS/T	CCU	Headsets

In addition to unit diagnostics the CATS can passively or mimic system components in a vehicle installation to help fault find vehicular and intercom issues.



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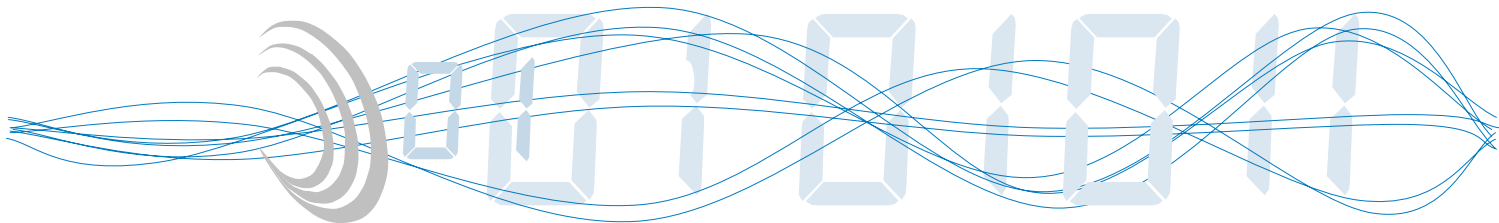
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CATS Specification

Input power – 110/240 V ac
Three independent balanced analogue measuring inputs
Voltage measurement
Current measurement
Signal to Noise and Distortion (SINAD) measurement
Three independent balanced analogue measuring outputs
Sinusoidal, triangular or square waveforms
ROVIS, LV2 and AN/VIC-3 digital interface adaptor
112 pin switched relay matrix interface
RS232 Serial port
3.5" Floppy drive
CD re-writer for data download and archiving
DMM functions
Oscilloscope functions
System diagnostic workbench
External Digital Multi-meter Probes

For specific applications using the CATS please contact us.



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