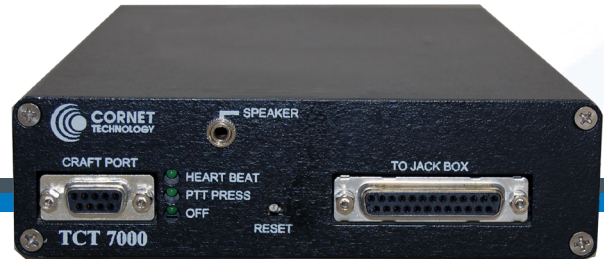


CORNET SWITCHING SYSTEMS

TCT 7000 & TCT 7000J

Tactical Communications Terminals



The TCT 7000 and TCT 7000J, integral members of a Cornet Switching Systems Tactical Voice Communications Subsystem (TVCS), are a SIP-based TCT-7000 operator interface unit that interfaces with a Communications Interface Panel (CIP), the operator's headset and microphone and the TVCS conference switch. It enables single or multiple-simultaneous secure/non-secure intercom, radio, or telephone calls.

The TCT 7000 and TCT 7000J convert analog voice signals into digital VoIP and vice versa. They also handle placing and receiving single or multiple simultaneous secure/non-secure radio, intercom, and radio calls through the TVCS conference switch.

Two versions are available:

- The TCT 7000 with a separate jack box
- The TCT 7000J with integral jack box functionality.

The jack box provides the physical interface to the speakers, headsets, and optional foot switch.

Key Features

- SIP-based VoIP Terminal
- CIP controlled
- Separate Control Network
- Separate Voice Network
- Hardware Ethernet Switching
- Fiber Interface
- Operator Kill Switch
- Multiple Protocol Support
 - SIP, RTP, UDP, and TCP/IP
- Flexible Mounting Options

Specifications

General

TCT 7000 Connectors:

Craft Port & PTT:	DB-9(F)
Audio to Jack Box:	DB-25(F)
Power:	4-pin Phoenix
Speaker:	RCA Jack
Control Network:	Two SPF, 100Base-FX
Voice Network:	Two SPF, 100Base-FX

Jack Box Connectors:

Headset/Microphone:	Two LEMO 8-pin
PTT for Foot Pedal:	One DB9
Audio:	One DB-25

TCT 7000J Connectors

Headset/Microphone:	Two LEMO 8-pin
Craft Port:	One DB-9
Voice Network:	Two SPF, 1000Base-FX
Control Network:	Two SPF, 100Base-FX
PTT Foot Pedal:	One DB-9
Power:	One 4-pin Phoenix

Networking

Ethernet:	Fiber: Multi-mode 1310 nm
Protocols:	SIP, RTP, UDP, and TCP/IP

Electrical

TCT 7000, TCT 7000J

Power:	5A @ 5VDC
Power Draw:	~ 6 Watts

Jack Box: Does not require external power

Environmental (All boxes)

Temperature: 0° TO +50° C
Humidity: 98% non-condensing
Altitude: Up to 3050m above sea level

Physical

TCT 7000

Dimensions: 1.85" H x 6.25"W x 12.5"D
Weight: 3.5 lbs

TCT 7000J

Dimensions: 2.0" H x 6.25"W x 12.5" D
Weight: 4 lbs

Jack Box

Dimensions: 1.875 "H x 6.25"W x 4" D
Weight: .5 lbs

Mechanical

Enclosure: Heat dissipates through the enclosure

