

## MINI SECURE COMMUNICATIONS CONTROLLER v1.1



### Latest Generation Communication Cross-Connect Technology

Provides audio radio interoperability in a handheld package

**Meets the NSA tactical voice bridge requirements for interoperability between U.S. and coalition partners**

### Latest Generation SCC Technology

Mini-SCCv1.1 provides audio cross connection capability in a man-portable form factor by interacting directly with existing tactical radios, partner nation radios, SATCOM assets, mobile phones and commercial push-to-talk radios. With IP67 (waterproof) ingress protection, and integrated audio conferencing, the Mini-SCCv1.1 provides cross-linking capability in the field, when you need it most.

### Reliable, Flexible Cross-Connection

The Web-based interface helps you cross-connect different networks (heterogeneous military tactical radios, cellular phones, partner nation radios, or public safety radios) in minutes, and the 4 front panel buttons switches allows for instant configuration changes in the field.

# Mini-Secure Communications Controller v1.1



## Specifications

- 3 Analog Audio Channels
  - 1 Operator Handset (H-250/U)
  - 1 Ethernet Port
  - 4 Configurable Front Panel Buttons (for rapid profile changes)
  - 4 Configurable Visible/Infrared LEDs
  - Web-Based Interface
  - Remotely Configurable
  - Ability To Connect To Multiple Units
  - MIL-STD-810 Compliant:
    - Method 501.6 & 502.6; Operating Temp; -31C to +43C
    - Method 501.6 & 502.6; Non-Operating Temp; -33 C to +63C
    - Method 507.6; Humidity (Procedure II); Aggravated Cycle
    - Method 510.6; Sand and Dust
    - Method 506.6; Rain
    - Method 521.4; Icing/Freezing Rain
    - Method 500.6; Altitude; Non-Operating; 40,000 feet (12,192m)
    - Method 500.6; Altitude, Operating; 10,000 feet (3,048 m)
    - Method 514.7; Vibration (Procedures I & III)
    - Method 516.7; Shock (Procedures I & III)
    - Method 512.6; Immersion, (Procedure I), 1m for 30 min (IP67)
  - MIL-STD-461 Compliant:
    - CE102, Conducted Emissions
    - CS101, CS114, CS115, CS116, CS118 Conducted Susceptibility
    - RE102, Radiated Emissions
    - RS103, Radiated Susceptibility
  - NSA Tactical Voice Bridge Requirements Compliant
- \* SIP-compliant VoIP support available for domestic operation only

## Dimensions

- Size: 6.28" x 4.15" x 1.55" (without connectors)
- Power: 4W (Typical) 6-36VDC (works with AA Batteries)
- Weight: 2 lbs 5 oz (with batteries)

## Supported Radios

- See Addendum for list of supported radios
- Supports virtually any radio system including US and Partner Nations radio systems such as Harris, Radmor, Thales, Bowman, NEC, Dicom, ICOM, Motorola, Hytera, and cellular phones)
- Fly-Away Cable Kit for Field-Prototype Cable Development

## Accessories

- External power cables (AC, 5590 Battery)
- Data Cable (Ethernet, USB, Serial)

Contact us: [ics-bd@tridsys.com](mailto:ics-bd@tridsys.com)



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## Supported Radios / Radio Systems

### Tactical Radio High / Medium / Low Audio Cable

**CBL-00355-01 / CBL-00392-01 / CBL-00393-01**

PRC-113, PRC-117F/G, PRC-119 (RT-1523), PRC-148, PRC-150 (VRC-104), PRC-152, PRC-154, PRC-155, PRC-158, PRC-160, PRC-162, PRC-522, RF-5800 series, RF-7800, PSC-5D, URC-200, URC-300, ARC-210, PRC-6809, RT-1702, PRC-138 (RF-5200), 2110, Sentry-H 6110-MP, CNR-710, CNR-9000, PRC-624, HF-6000, HF-8000, MCTR 7200, HH2100V, PRC-1077, PRC-1099, RT-7000, RT-7700H, PRC-950K, PRC-999K (RT-314K), PRC-2080+, PRC-2081+, RF23, RF2350, RF40, TRC 3600, TW-135, \*TW-950, \*MPU5, A-9695, RO (DTCS)

*\*Requires Manufacturer H-250 Adaptor*

### Smart Phone Audio Cable

**CBL-00353-01**

Android, iPhone and other Smartphones

### PR4G Audio Cable

(FRA, POL, NLD, SVN, SRB)

**CBL-05172-01**

PR4G F@stnet Family (TRC-9XXX), TRC-37XX, PR-3501, RRC-9211

### Motorola IMPRES Audio Cable

**CBL-05155-01**

APX Portable Series, DP4000e Series, DP3600, DP3400/1, MTP6000 Series

### Bowman Audio Cable

(GBR, ROU)

**CBL-05201-01**

Bowman Radio System, Panther

### Motorola JEDI Audio Cable

**CBL-00354-01**

XTS Series, PRC-153, PR1500, MT1500

### SEM Audio Cable

(DEU)

**CBL-05215-01**

SEM 70/80/90, MR300xH/U, M3TR

### L3Harris XL P Audio Cable

**CBL-05209-01**

XL-200P, XL-185P, XL-150P

### MRR/LFR Audio Cable

(NOR)

**CBL-05216-01**

MH300 LFR, MP300, MV300, MH600, MP600, MV600

### L3Harris XL M Audio Cable

**CBL-06012-01**

XL-200M, XL-185M

### BMW Audio Cable

(JPN)

**CBL-05077-01**

Broadband Multipurpose Wireless (BMW) Radio

### L3Harris XG P Audio Cable

**CBL-06182-01**

XG-15P, XG-25P, XG-75P, XG-75Pe, P7300, P5500

### SRT633 Audio Cable

(ITA, DEU)

**CBL-05217-01**

SRT 633, SEM 52A, SEM 52S, SEM 52SL

### Tait Genesis Audio Cable

**CBL-05252-01**

TP9300, TP9400, TP9500, TP9600, TP3, TP8100

### MESIT/DICOM Audio Cable

(CZE)

**CBL-05200-01**

RF13, MR3000P

### Tait TM Audio Cable

**CBL-06013-01**

TM9300, TM9400, TM8000, TM9100

### ICOM HM-169 Audio Cable

**CBL-05187-01**

F3161/F4161, F70D/F80D

### Kenwood KMC-65M Audio Cable

**CBL-06014-01**

NEXEDGE Mobile Radios, TK-D740, TK-D840, TK-5720, TK-5820

### ICOM HM-158LA Audio Cable

**CBL-05186-01**

F3001/F4001, F1000/S/T, F2000/S/T, F1000D/F2000D, F1100D/F2100D, F3210D/F4210D, F3230D/F4230D

### Kenwood KMC-72W Audio Cable

**CBL-06015-01**

NX-52/53/5400, NX-200(G), NX-300(G), NX-210(G), NX-410, NX-411, TK-D200(G), TK-D300(G)

### ICOM HM-184H Audio Cable

**CBL-05188-01**

IC SAT-100, F7040T/F7040S, F3400D/F4400D, F52D/F62D, M85/M85

### Iridium 2.5mm Adapter Cable

**CBL-06183-01**

9575A, 9555, Extreme, Extreme PTT

### Hytera SM26N3 Audio Cable

**CBL-05214-01**

PD7 Series, PD982

### Hytera SM26N1 Audio Cable

**CBL-05270-01**

PD6 series, X1e, X1p and Z1p

Typical Cable Length is 183 cm. Extended cable lengths available upon request.

**TO INQUIRE ABOUT CABLES OR TO REQUEST A CUSTOM CABLE FOR YOUR RADIO NETWORK, PLEASE CONTACT: ICS-BD@TRIDSYS.COM**