

## MINI SECURE COMMUNICATIONS CONTROLLER v1.1

*Handheld | Plug and Play | Tactical Voice Bridge*

### 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. Fully ruggedized, waterproof, and battery powered, 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 allow for instant configuration changes in the field.

### Supported Radios

- Supports virtually any radio system including US and Partner Nations radio systems and cell phones (See Supported Radio List)
- Fly-Away Cable Kit for Field Prototype Cable Development

### Dimensions

- Size: 6.28" x 4.15" x 1.54" (15.9cm x 10.5cm x 3.9cm) without connectors
- Power: 4W (Typical) 6-36VDC (works with AA Batteries)
- Weight: 2lbs 5oz (1.05kg) (with batteries)

### Accessories

- Radio Interface Cables (Typical cable length is 183 cm. Extended cable lengths available upon request)
- External power cables (AC, 5590 Battery)
- Data Cable (Ethernet, USB, Serial)

### Specifications

- 3 Analog Audio Channels
- 1 Operator Handset (H-250/U)
- 1 Ethernet Port
- 4 Configurable Front Panel Buttons
- 4 Configurable Visible/Infrared LEDs
- Web-Based Interface
- Remotely Configurable
- Ability To Connect To Multiple Units
- MIL-STD-810 Compliant:
  - Method 500.6; Altitude, Operating; 10,000 feet (3,048 m)
  - Method 500.6; Altitude; Non-Operating; 40,000 feet (12,192m)
  - Method 501.6 & 502.6; Operating Temp; -31C to +43C
  - Method 501.6 & 502.6; Non-Operating Temp; -33C to +63C
  - Method 506.6; Blowing Rain
  - Method 507.6; Humidity; Aggravated Cycle, 30C-60C, 95% RH
  - Method 510.6; Blowing Sand and Dust
  - Method 512.6; Immersion, 1m for 30 min (IP67)
  - Method 514.7; Vibration
  - Method 516.7; Shock
  - Method 521.4; Freezing Rain
- 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

# Mini Secure Communications Controller v1.1

## Supported Radios / Radio Systems Cable List



### Land Mobile Radios and Other Radios

- CBL-06012-01 | XL M Audio Cable**  
XL-200M, XL-185M
- CBL-06665-01 | XG M Audio Cable**  
XG-100M
- CBL-05209-01 | XL P (9-pin) Audio Cable**  
XL-200P, XL-185P, XL-150P, XG-100P
- CBL-06656-01 | XL P (15-pin) Audio Cable**  
XL-95P, XL-45P, XG-15P, XG-25P, XG-75P, XG-75Pe, P7300, P5300, P5400, P5500
- CBL-06013-01 | TM Audio Cable**  
TM9300, TM9400, TM8000, TM9100
- CBL-05252-01 | Genesis Audio Cable**  
TP9300, TP9400, TP9500, TP9600, TP3, TP8100
- CBL-05155-01 | IMPRES Audio Cable**  
APX Portable Series, DP4000e Series, DP3600, DP3400/1, MTP6000 Series
- CBL-00354-01 | JEDI Audio Cable**  
XTS Series, PRC-153, PR1500, MT1500
- CBL-06364-01 | HMN 1056 Audio Cable**  
HMN 1056
- CBL-06365-01 | HMN 1090 Audio Cable**  
HMN 1090
- CBL-06655-01 | MTH800 Audio Cable**  
MTH800
- CBL-05187-01 | HM-169 Audio Cable**  
F3161/F4161, F3162/F4162, F70D/F80D
- CBL-05186-01 | HM-158LA Audio Cable**  
F3001/F4001, F1000/S/T, F2000/S/T, F1000D/F2000D, F1100D/F2100D, F3210D/F4210D, F3230D/F4230D, V86/U86, V80/V80E, V88/U88, G88, V86/U86, G86, F3031/4031, F3032/4032 F3033/4033, F3011/4011, F3013/4013, F3001/4001, F3002/4002, F3003/4003
- CBL-05188-01 | HM-184H Audio Cable**  
IC SAT-100, F7040T/F7040S, F3400D/F4400D, F52D/F62D, M85, F9011/F9021, F3360/F4360, F3261/F4261, F3262D/F4262D, F3263D/F4263D, IP730D/IP740D
- CBL-05214-01 | SM26N3 Audio Cable**  
PD7 Series, PD982
- CBL-05270-01 | SM26N1 Audio Cable**  
PD6 series, X1e, X1p and Z1p
- CBL-06015-01 | KMC-72W Audio Cable**  
VP5000/VP6000, NX-200G, NX-205G, NX-210G, NX-300G, NX-305G, NX-3200, NX-3300, NX-3400, NX-5200, NX-5300, NX-5400
- CBL-06668-01 | K1 Audio Cable**  
Baofeng UV-5R
- CBL-06458-01 | KMC-27A Audio Cable**  
TK-690, TK-760, TK-762, TK-780, TK-785, TK-853, TK-790, TK-860, TK-880, TK-862, TK-890, TK-980, TK-981, TK-5710, TK-5810, TK-5910, TK-6110, TK-7150, TK-8150, TKR-750, TKR-850, NX-5700, NX-5800, NX-5900
- CBL-06367-01 | 1/4" Stereo Audio Cable**  
FS MNC-MC
- CBL-06366-01 | 1/4" Mono Audio Cable**  
1/4" audio speaker
- CBL-06183-01 | Iridium 2.5mm Adapter Cable**  
9575A, 9555, Extreme, Extreme PTT
- CBL-00353-01 | Smart Phone Audio Cable**  
Android, iPhone and other Smartphones

### Tactical Radios

- CBL-00355-01 / CBL-00392-01 / CBL-00393-01**  
**Tactical Radio High / Medium / Low Audio Cable**  
PRC-113, PRC-117F/G, PRC-119 (RT-1523), PRC-148, \*PRC-148C, PRC-150 (VRC-104), PRC-152, PRC-154, PRC-155, PRC-158, PRC-160, PRC-162, RF-5800 series, RF-7800H-MP, PSC-5D, URC-200, URC-300, ARC-210, RT-1702, PRC-138 (RF-5200), HH2100V, PRC-1077, PRC-1099, RT-7700H, TW-135, TW-950, A-9695, RO (DTCs), \*MPU5, \*StreamCaster 4000 series \*Requires Manufacturer H-250 Adapter
- GBR:** RT-7000;  
**TWN:** CS/PRC-37A;  
**KOR:** PRC-950K, PRC-999K (RT-314K);  
**ISR:** CNR-710, CNR-9000, PRC-624, HF-6000, HF-8000, MCTR 7200;  
**FRA:** PRC-6809, TRC 3600,  
**CZE:** RF23, RF2350, RF40;  
**CAN:** PRC-522;  
**AUS:** 2110, Sentry-H 6110-MP, PRC-2080+, PRC-2081+]
- CBL-05077-01 | BMW Audio Cable (JPN)**  
Broadband Multipurpose Wireless (BMW) Radio
- CBL-06666-01 | PRC-148C Audio Cable - WB**  
PRC-148C
- CBL-06667-01 | PRC-148C Audio Cable - NB**  
PRC-148C
- CBL-06429-01 | RF-7800S/7850S Audio Cable**  
RF-7800S, RF-7850S
- CBL-06011-01 | 19-Pin ADF Nemesis Audio Cable - A**  
PRC-163 (R/T 1), PRC-167 (R/T 1), RF-9820S, PRC-148E Spear, PRC-171
- CBL-06382-01 | 19-Pin ADF Nemesis Audio Cable - B**  
PRC-163 (R/T 2), PRC-167 (R/T 2)
- CBL-05172-01 | PR4G Audio Cable (FRA, POL, NLD, SVN, SRB)**  
PR4G F@stnet Family (TRC-9XXX), TRC-37XX, PR-3501, RRC-9211
- CBL-05201-01 | Bowman Audio Cable (GBR, ROU)**  
Bowman Radio System, Panther
- CBL-05215-01 | SEM Audio Cable (DEU)**  
SEM 70/80/90, MR300xH/U, M3TR
- CBL-05216-01 | MRR/LFR Audio Cable (NOR)**  
MH300 LFR, MP300, MV300, MH600, MP600, MV600
- CBL-05217-01 | SRT633 Audio Cable (ITA, DEU)**  
SRT 633, SEM 52A, SEM 52S, SEM 52SL
- CBL-05200-01 | MESIT/DICOM Audio Cable (CZE)**  
RF13, MR3000P

To inquire about cables or to request a custom cable for your radio network,  
please contact: [ics-bd@tridsys.com](mailto:ics-bd@tridsys.com)