

MINI SECURE COMMUNICATIONS CONTROLLER v1.1

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.



Latest Generation Communication Cross-Connect Technology

Provides audio radio interoperability in a handheld package

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.

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

Mini Secure Communications Controller



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

Dimensions

- Size: 6.275" 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)

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

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)

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