



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