Declaration of Conformity

Manufacturer's Name: David Clark Company Incorporated

Manufacturer's Address: 360 Franklin Street, Box 15054, Worcester, MA 01604-0054

Authorized Representative: Ronald Lassing
David Clark Company Incorporated
Omloop 35 – H015
1871AS Schoorl
The Netherlands

Application of Council Directive(s): Defined Below

Equipment Summary and Standard(s) to which Conformity is Declared: **9100 Digital Intercom System**:

Headsets

Model and DCCI PN

H9130	(40864G-04)
H9190	(40864G-05)
H9140	(40897G-09)
H9140-HT	(40897G-10)
H9141	(40897G-11)
H9180	(41032G-07)

- **RTCA/DO-160 –** Environmental conditions and test procedures for Airborne Equipment.
- **RTCA/DO-214 –** Audio Systems characteristics and minimum operational performance standards for Aircraft Audio Systems and Equipment
- **IEC 62368-1:**2014 (Second Edition) Safety Requirements, Audio/video, information and communication technology equipment.

Digital Intercom

Model and DCCI PN

U9100	(44000G-01)	Digital Intercom Master Station
U9101	(44003G-01)	Switch Card Module(PCBA Add-In)
U9102	(44003G-02)	Radio/Aux Audio Module (PCBA Add-In)
U9104	(44003G-03)	Quad Radio Module (PCBA Add-In)

- **EN 301-489-01 V1.9.2:** Electromagnetic Compatibility (EMC) – Part 6-2**: Generic standards – Immunity for industrial environments.**
    - Electrostatic Discharge (ESD), Criterion B
    - Radiated Electromagnetic Fields (RFI), Criterion A
    - Electrical Fast Transient Burst (EFT), Criterion B
    - Conducted Immunity (CRFI), Criterion A
- **EN 301-489-01 V1.9.2** – Immunity to DC Power Line Transients
- **Radiated and Conducted Emission Requirements**
    - **ETSI EN 301 489-1:2011**, Electromagnetic compatibility and Radio spectrum Matters (ERM) Electromagnetic Compatibility (EMC) Standard for radio equipment and services: Part 1: Common technical requirements.
    - **FCC Part 15, Class A**
- **IEC 62368-1:2014 (Second Edition)** – Audio/Video, information and communication technology equipment.
- **MIL-STD-810G Method 514.6, Category 24, Procedure I** – General Vibration
- **MIL-STD-810G Method 516.5, Procedure I** – Functional Shock
- **MIL-STD-810G Method 509.5** – Salt Fog
- **MIL-STD-810G Method 510.5, Procedure II** – Blowing Sand
- **MIL-STD-810G Method 503.5** – Temperature Shock
- **MIL-STD-810G Method 510.5, Procedure I** – Blowing Dust
- **MIL-STD-810G Method 501.5, Procedure II** – High Temperature Operating
- **MIL-STD-810G Method 501.5, Procedure I** – High Temperature Storage
- **MIL-STD-810G Method 502.5, Procedure I** – Low Temperature Operating
- **MIL-STD-810G Method 502.5, Procedure II** – Low Temperature Storage
- **MIL-STD-810G Method 507.5, Procedure II** – Aggravated Humidity
- **IEC 60529 – IP67** Ingress Protection

U9110 (44001G-01) Digital Intercom Headset Station

U9111 (44001G-02) Digital Intercom Headset Station

- **EN 301-489-01 V1.9.2:** Electromagnetic Compatibility (EMC) – Part 6-2**: Generic standards – Immunity for industrial environments.**
    - Electrostatic Discharge (ESD), Criterion B
    - Radiated Electromagnetic Fields (RFI), Criterion A
    - Electrical Fast Transient Burst (EFT), Criterion B
    - Conducted Immunity (CRFI), Criterion A
- **EN 301-489-01 V1.9.2** – Immunity to DC Power Line Transients
- **Radiated and Conducted Emission Requirements**
    - **ETSI EN 301 489-1:2011**, Electromagnetic compatibility and Radio spectrum Matters (ERM) Electromagnetic Compatibility (EMC) Standard for radio equipment and services: Part 1: Common technical requirements.
    - **FCC Part 15, Class A**
- **IEC 62368-1:2014 (Second Edition)** – Audio/Video, information and communication technology equipment.
- **MIL-STD-810G Method 514.6, Category 24, Procedure I** – General Vibration
- **MIL-STD-810G Method 516.5, Procedure I** – Functional Shock
- **MIL-STD-810G Method 509.5** – Salt Fog
- **MIL-STD-810G Method 510.5, Procedure II** – Blowing Sand
- **MIL-STD-810G Method 503.5** – Temperature Shock
- **MIL-STD-810G Method 510.5, Procedure I** – Blowing Dust
- **MIL-STD-810G Method 501.5, Procedure II** – High Temperature Operating
- **MIL-STD-810G Method 501.5, Procedure I** – High Temperature Storage
- **MIL-STD-810G Method 502.5, Procedure I** – Low Temperature Operating
- **MIL-STD-810G Method 502.5, Procedure II** – Low Temperature Storage
- **MIL-STD-810G Method 507.5, Procedure II** – Aggravated Humidity
- **IEC 60529 – IP67** Ingress Protection

- **ETSI EN 301406 V2.1.1 (2009-07)**,Digital Enhanced Cordless Telecommunications (DECT); Harmonized EN for Digital Enhanced cordless Telecommunications covering the essential requirements under article 3.2 of the R&TIE Directive; General Radio
- **ETSI EN 300 330-1 VI.7.1 (2010-02)** / **ETSI EN 300 330-2 Vf1.5.1 (2010-02).** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz
- **EN 61000-4-2** Electrostatic Discharge (ESD) 4 kV Contact Discharge, 8 kV Air Discharge, 4 kV Horizontal and Vertical Coupling Planes (HCP and VCP, respectively)
- **EN 61000-4-3** Radiated Immunity. Radiated Electromagnetic Fields, 3 V/m, 80 to 1000 MHz, 3V/m 1.4 GHz to 2.7 GHz.
- **ETSI EN 301489-1:2008** Electromagnetic compatibility and Radio spectrum Matters (ERM). Electromagnetic Compatibility (EMC) Standard for radio equipment and services; Part 1: Common technical requirements
- **ETSI EN 301489-6:2008** Electromagnetic compatibility and Radio spectrum Matters (ERM). Electromagnetic Compatibility (EMC) Standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment.
- **IEC 60950-1:2005 2 Ed. +A1:2009,Test Report IEC 60950-1, Information Technology equipment- Safety- Test Report Number; 090-1101292-000.**Test procedure: CB Scheme
- **IEC 62368-1:2014 (Second Edition)** – Audio/Video, information and communication technology equipment.
- **MIL-STD-810G Method 514.6, Category 24, Procedure I** – General Vibration
- **MIL-STD-810G Method 516.5, Procedure I** – Functional Shock
- **MIL-STD-810G Method 509.5** – Salt Fog
- **MIL-STD-810G Method 510.5, Procedure II** – Blowing Sand
- **MIL-STD-810G Method 503.5** – Temperature Shock
- **MIL-STD-810G Method 510.5, Procedure I** – Blowing Dust
- **MIL-STD-810G Method 501.5, Procedure II** – High Temperature Operating
- **MIL-STD-810G Method 501.5, Procedure I** – High Temperature Storage
- **MIL-STD-810G Method 502.5, Procedure I** – Low Temperature Operating
- **MIL-STD-810G Method 502.5, Procedure II** – Low Temperature Storage
- **MIL-STD-810G Method 507.5, Procedure II** – Aggravated Humidity
- **IEC 60529 – IP67** Ingress Protection

Wireless Belt-pack

U9110-BSW (EU) (40992G-20)

- **SAR (Specific Absorption Rate) Compliant** for localized specific absorption rate for uncontrolled environment/general exposure limits specified in ANSI/IEEE Std. C95.1-1992 and tested in accordance with the measurement procedures specified in IEEE 1528-2003, OET Bulletin 65, RSS-102 & Safety Code 6.
- **ETSI EN 301406 V2.1.1 (2009-07)**,Digital Enhanced Cordless Telecommunications (DECT); Harmonized EN for Digital Enhanced cordless Telecommunications covering the essential requirements under article 3.2 of the R&TIE Directive; General Radio
- **ETSI EN 300 330-1 Vl.7.1 (2010-02) / ETSI EN 300 330-2 Vf1.5.1 (2010-02).** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz
- **EN 61000-4-2** Electrostatic Discharge (ESD) 4 kV Contact Discharge, 8 kV Air Discharge, 4 kV Horizontal and Vertical Coupling Planes (HCP and VCP, respectively)
- **EN 61000-4-3** Radiated Immunity. Radiated Electromagnetic Fields, 3 V/m, 80 to 1000 MHz, 3V/m 1.4 GHz to 2.7 GHz.
- **ETSI EN 301489-1:2008** Electromagnetic compatibility and Radio spectrum Matters (ERM). Electromagnetic Compatibility (EMC) Standard for radio equipment and services; Part 1: Common technical requirements
- **ETSI EN 301489-6:2008** Electromagnetic compatibility and Radio spectrum Matters (ERM). Electromagnetic Compatibility (EMC) Standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment.
- **IEC 60950-1:2005 2 Ed. +A1:2009,Test Report IEC 60950-1, Information Technology equipment-Safety-Test Report Number; 090-1101292-000.**Test procedure: CB Scheme
- **MIL-STD-810H, Para. /Method: 511.7**: Explosive Atmosphere. Test Report TR-PR110469, Revision 1
- **IEC 62368-1:2014 (Second Edition)** – Audio/Video, information and communication technology equipment.
- **MIL-STD-810G Method 514.6, Category 24, Procedure I** – General Vibration
- **MIL-STD-810G Method 516.5, Procedure I** – Functional Shock
- **MIL-STD-810G Method 509.5** – Salt Fog
- **MIL-STD-810G Method 510.5, Procedure II** – Blowing Sand
- **MIL-STD-810G Method 503.5** – Temperature Shock
- **MIL-STD-810G Method 510.5, Procedure I** – Blowing Dust
- **MIL-STD-810G Method 501.5, Procedure II** – High Temperature Operating
- **MIL-STD-810G Method 501.5, Procedure I** – High Temperature Storage
- **MIL-STD-810G Method 502.5, Procedure I** – Low Temperature Operating
- **MIL-STD-810G Method 502.5, Procedure II** – Low Temperature Storage
- **MIL-STD-810G Method 507.5, Procedure II** – Aggravated Humidity
- **IEC 60529 – IP66** Ingress Protection

Battery Charger

A99-14CRG (41034G-02) Battery Charger, Four Position

- **IEC 60950-1:2005 2 Ed. +A1:2009**, Test Report IEC 60950-1, Information Technology equipment- Safety- Test Report Number; 090-1101292-000. Test procedure: CB Scheme
- **EN 55022** Class A Radiated Emissions
- **EN 55022** Class A Conducted Emissions
- **EN 61000-4-2** Electrostatic Discharge
- **EN 61000-4-3** Radiated Immunity
- **EN 61000-3-3** Voltage Fluctuations and Flicker
- **EN 61000-3-2** Harmonics Current Emissions
- **EN 61000-4-5** Line Surge Immunity
- **EN 61000-4-4** Electrical Fast Transients
- **EN 61000-4-6** Conducted Immunity

C99-14AC2 (41090G-15) Kit, Power Supply, Charger

- **UL 60601-1**
- **IEC/EN60601-1**
- **EMC: EN60601-1-2/EN55024**

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directives and Standards.

Place: Worcester, MA USA

Date: 02-July-2020

(Signature)

David J. Truesdell
(Full Name)

Director of Engineering