

Certificate

of
Radio Equipment in JAPAN

No: 201-200072 / 00

Telefication, operating as Conformity Assessment Body (CAB ID Number: 201) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment (ordinance of MPT N° 37,1981)

Product description: **7 inch Touch Screen wall mount**

Trademark: **CRESTRON**

Type designation: **M201923002**

Variants: **See Annex 3**

Manufacturer: **Crestron Electronics Inc.**

Address: **15 Volvo Drive**

City: **07647 Rockleigh, New Jersey**

Country: **United States**

This certificate is granted to:

Name: **Crestron Electronics Inc.**

Address: **15 Volvo Drive**

City: **07647 Rockleigh, New Jersey**

Country: **United States**

This certificate has **THREE** Annexes.

Zevenaar, 14 February 2020

CAB



David Chen
Product Assessor





- The validity of this Certificate is limited to products, which are equal to the one examined in the type-examination
- When the manufacturer (or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:



R 201-200072

Remarks and observations

The following conditions are applicable:

Antennas for IEEE 802.11a/b/g/n/ac & Bluetooth:

PIFA antenna, max gain of -3.92 dBi at 2.4 GHz and max gain of 2.23 dBi at 5 GHz



Documentation lodged for this type-examination

Test Reports:

- BTL Inc.: BTL-JPAP-1-1911T045, 21 January 2020
- BTL Inc.: BTL-JPAP-2-1911T045, 21 January 2020
- BTL Inc.: BTL-JPAP-3-1911T045, 21 January 2020
- BTL Inc.: BTL-JPAP-4-1911T045, 21 January 2020
- BTL Inc.: BTL-JPAP-5-1911T045, 21 January 2020

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Antenna specifications
- Internal photos
- External photos
- Manual
- Production quality
- Test setup photos

Technical Standards and Specifications

The product shows no non-compliances with:

- Equipment Radio Regulations: 2008 (including amendments)

Chapter I, General Provisions

Chapter II, Transmitting equipment

Chapter III, Receiving Equipment

Chapter IV, section 4.17 article 49.20

Radio equipment specified in:

Item 19, Paragraph 1, Article 2

Item 19-2, Paragraph 1, Article 2

Item 19-3, Paragraph 1, Article 2

Technical features and characteristics

The product includes the following features and characteristics:

Bluetooth (incl. AFH)

- Operating frequency range: 2402-2480 MHz (79 channels)
- ITU designation: 78M7 F1D,G1D
- Maximum output power: 2.14 mW/MHz rated

Bluetooth LE

- Operating frequency range: 2402-2480 MHz (40 channels)
- ITU designation: 1M33 F1D
- Maximum output power: 1.11 mW rated

IEEE 802.11b

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 15M2 G1D
- Maximum output power: 9.29 mW/MHz rated

IEEE 802.11g

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 17M3 D1D,G1D
- Maximum output power: 1.91 mW/MHz rated

IEEE 802.11n 20 MHz

- Operating frequency range: 2412-2472 MHz (13 channels)
- ITU designation: 18M4 D1D,G1D
- Maximum output power: 2.02 mW/MHz rated

IEEE 802.11n 40 MHz

- Operating frequency range: 2422-2462 MHz (9 channels)
- ITU designation: 36M4 D1D,G1D
- Maximum output power: 1.10 mW/MHz rated

IEEE 802.11b ch14

- Operating frequency range: 2484-2484 MHz
- ITU designation: 17M1 G1D
- Maximum output power: 3.56 mW/MHz rated

IEEE 802.11a

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 18M4 D1D,G1D
- Maximum output power: 0.80 mW/MHz rated

IEEE 802.11n 20 MHz

- Operating frequency range: 5180-5240 MHz (4 channels)
- ITU designation: 18M7 D1D,G1D
- Maximum output power: 0.78 mW/MHz rated

IEEE 802.11n 40 MHz

- Operating frequency range: 5190-5230 MHz (2 channels)
- ITU designation: 37M4 D1D,G1D
- Maximum output power: 0.40 mW/MHz rated

IEEE 802.11ac (VHT80)

- Operating frequency range: 5210-5210 MHz
- ITU designation: 76M2 D1D,G1D
- Maximum output power: 0.33 mW/MHz rated



The product as described in this Certificate includes the following type designations:

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: M201923002

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSW-770-B-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSW-770-W-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSW-770P-B-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSW-770P-W-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSW-770-GV-B-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSW-770-GV-W-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSS-770-B-S

- Product description: 7 inch Touch Screen wall mount
- Trademark: CRESTRON
- Type designation: TSS-770-W-S