Declaration of Conformity

Pro Controller

This document confirms the articles listed conform with the standards and requirements described below.

Part Number	Product Name	Barcode
BCTPRC02	Bluelab Pro Controller Wi-Fi	09421024923037

Product Description

A fixed device to monitor and control pH, conductivity and temperature of a reservoir / tank. Powered from a mains power supply that delivers 24 VDC, 0.3 A. Connected to the internet via Wi-Fi, with the ability to have Wi-Fi settings provisioned via Bluetooth.

Product Ratings and Markings (if relevant)

	BCTPRC02
Input (Power supply)	100 to 240 VAC, at 50/60 Hz 0.3 A
Output (Power supply	7.5 W, 24 VDC, 0.3 A
Input (Product)	24 VDC, 0.3 A
Wi-Fi / Bluetooth Module	FCC ID 2AC7Z-ESPS3WROOM1 IC 21098-ESPS3WROOM1
Markings	CE, FCC, WEEE, Ctick, UKCA, Japan Technical compliance
Supported Languages	English

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Standard / Requirement	Reference	Notes
IEC 61010-1:2010 +A1:2016 AS 61010.1-2003 (R2016) EN 61010-1:2010 +A1:2019 BS EN 61010-1:2010 +A1:2019 UL 61010-1 3rd Ed. +A1:2018 CSA C22.2 No. 61010-1-12 (R2022)	ACT NZ LTD (Auckland Laboratories) Test report ACTE202307271 Issued 15th September 2023	
FCC Title 47, Part 15, Part 15.247 Sub part B	Waltex Testing Group (Shenzhen) Co. Ltd Verification of Conformity / Test Report WTF23X08182223W003 Issued 7th September 2023	The above product has been tested and found in compliance with the Code of Federal Regulations, Title 47- Telecommunications, FCC Rules and Regulations Part 15, Subpart B and the measurement procedure according to ANSI C63.4:2014.
CAN ICES-003 Issue 7, Oct 15 2020 (B)/NMB-003(B) RSS-247 Issue 2 (2017-02)	Waltex Testing Group (Shenzhen) Co. Ltd Verification of Conformity / Test Report WTF23X08182226W Issued 7th September 2023	Measured according to ANSI C63.4:2014 and ANSI C63.4a-2017
European Electromagnetic Compatibility Directive 2014/30/EU BS EN 61326-1:2013 BS EN IEC 61000-3-2:2019+A1:2021 BS EN 61000-3-3:2013+A2:2021 **European Radio Equipment Directive 2014/53/EU** Article 3.1a): Health and Safety EN IEC 62311:2020 EN 50665:2017 Article 3.1b) Electromagnetic Compatibility EN 55032:2015+A1:2020; EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A2:2021 ETSI EN 301 489-1 V2.2.3 (2019-11) Draft ETSI EN 301 489-17 V3.2.5 (2022-08) Article 3.2: Effective Use of Radio Spectrum ETSI EN 300 328 V2.2.2 (2019-07)	Waltex Testing Group (Shenzhen) Co. Ltd Verification of Conformity / Test Reports WTF23X08182222W WTF23X08182222W001 WTF23X08182222W002 WTF23X08182222W003 WTF23X08182222W004 WTF23X08182222W005 Issued 7th September 2023	The above product has been tested by us with the listed standards and found in compliance with the European Electromagnetic Compatibility Directive 2014/30/EU Article 26 of the Council Directive 2014/53/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive

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Radio Equipment Regulations 2017 (S.I. 2017 No. 1206) Article 6.(1)(a): Health and Safety EN IEC 62311:2020 EN 50665:2017 Article 6.(1)(b) Electromagnetic Compatibility BS EN 55032:2015+A1:2020; BS EN 55035:2017+A11:2020 BS EN IEC 61000-3-2:2019+A1:2021; BS EN 61000-3-3:2013+A2:2021 ETSI EN 301 489-1 V2.2.3 (2019-11) Draft ETSI EN 301 489-17 V3.2.5 (2022-08) Article 6.(2): Effective Use of Radio Spectrum ETSI EN 300 328 V2.2.2 (2019-07)	Waltex Testing Group (Shenzhen) Co. Ltd Verification of Conformity / Test Report WTF23X08182230W WTF23X08182230W001 WTF23X08182230W002 WTF23X08182230W003 WTF23X08182230W004 Issued 7th September 2023	In accordance with Radio Equipment Regulations 2017 (S.I. 2017 No. 1206), certifies that this equipment has been found to comply with the Essential Requirements relating to the design and construction of radio equipment given in Article 6 to the Directive.
AS/NZS EMC and RF Standards AS/NZS 2772.2:2016 AS/NZS 4268:2017 AS/NZS CISPR 32:2015 +A1:2020 EN IEC 62311:2020	Waltex Testing Group (Shenzhen) Co. Ltd Test report WTF23X08182231W Issued 4th April 2023	
RoHS for EEE Directive 2011/65/EU	EN 50581:2012 Refer Tru-Test Group Report Dated 2nd August 2018	E-Waste is managed through in market partners. Refer to the Bluelab WEEE registration document for detail.

As an authorized representative of Bluelab Corporation Limited, I hereby declare that the equipment and models specified above comply with the applicable essential requirements of the directives and documents referenced above and carry the appropriate markings.

Signed **Date** **14 May 2024**

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