EU DECLARATION OF CONFORMITY

Manufacturer: *CALTTA TECHNOLOGIES CO., LTD.*
Address*: 12F,Building G2, International E-City, Nanshan, Shenzhen 518052, China*

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration PH990Ex U(1), *Digital Portable Radio, Caltta;*



Product Characteristics

Tx Frequency	*UHF:400-470MHz* *BT: 2402-2480MHz*
Rx Frequency	*UHF:400-470MHz* *BT: 2402-2480MHz* *GPS L1 C/A,BDS B1I,Galileo,SBAS L1:1559-1610MHz*

The object of this declaration described above is in conformity with the relevant Union harmonization legislation:

- **2014/53/EU Radio Equipment Directive(RED)**
- **2014/34/EU Atmospheres Explosibles Directive (ATEX)**
- **2011/65/EU and (EU)2015/863 Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS)**
- **2012/19/EU Waste Electrical and Electronic Equipment Directive (WEEE)**
- **2014/30/EU Electromagnetic Compatibility Directive(EMC)**

To demonstrate conformity with the essential requirements of the relevant Union harmonization legislation, the following standards were applied:

Health and safety (article 3.1a of Directive 2014/53/EU)

EN IEC 62368-1:2020+A11:2020
EN 50566:2017,EN 50566:2017/A1:2023
EN 62479:2010,EN 50663:2017

EMC (article 3.1b of Directive 2014/53/EU and 2014/30/EU)

ETSI EN 301 489-1 V2.2.3

ETSI EN 301 489-5 V2.2.1
ETSI EN 301 489-17 V3.3.1
ETSI EN 301 489-19 V2.2.1
EN 55032:2015+A11:2020+A1:2020
EN IEC 61000-3-2:2019+A1:2021
EN 55035:2017+A11:2020

Radio spectrum (article 3.2 of Directive 2014/53/EU)

ETSI EN 300328 V2.2.2
ETSI EN 300086 V2.1.2
ETSI EN 300113 V3.1.1
ETSI EN 303413 V1.2.1

Prevention (ROHS Directive 2011/65/EU and 2015/865/EU)

IEC62321-3-1-2013; IEC62321-5-2013; IEC62321-4-2013+A1:2017; IEC62321-7-1-2015; IEC62321-6-2015; IEC62321-7-2-2017; IEC62321-8-2017;

Atmospheres Explosibles (Directive 2014/34/EU**)**

EN IEC 60079-0:2018
EN 60079-11:2012
EN 80079-34:2018

Supplementary information:

According to article 17 of the Directive 2014/53/EU, the conformity assessment procedure involved **Module B – EU-type Examination** as detailed in Annex III of the directive.

The Bay Area Compliance Labs Corp., **notified body number 1313**, performed examination of the technical documentation as drawn up by the manufacturer and issued the EU-type examination certificate: **B2411286.**

The product complies with European ATEX 2014/34/EU directive and with the essential health and safety requirements of Annex II of the directive based on its design and type, as brought into circulation by us.

TÜV SÜD Product Service GmbH,**notified body number 0123**,performed examination of the technical documentation as drawn up by the manufacturer and issued the EU-type examination certificate:TPS 24 ATEX 127805 0001X.

TUV Italia,**notified body number 0948**,issued the Quality Assurance Notification certificate:TPS 24 ATEX Q 127805 0001 Rev. 00.

ATEx Ex Marking

II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T120℃ Db

-20℃≤Ta≤55℃ or -30℃≤Ta≤55℃(only when use battery pack AB992)

Ⅱ 2G Ex ib Ⅱ C T4 Gb（Approved for Category 2G/Zone 1,2, Equipment group Ⅱ ,Gasgroup C, Temperature class T4）,Cerfificate number is TPS 24 ATEX 127805 0001X.

Ⅱ 2D Ex ib ⅢC T120℃ Db（Approved for Category 2D/Zone 21,22, Equipment group Ⅲ, Dustgroup C, Temperature 120℃）,Cerfificate number is TPS 24 ATEX 127805 0001X.

Signed for and on behalf of : CALTTA TECHNOLOGIES CO., LTD.

Shenzhen,Dec. 12th,2024

Longjiang, Chief Executive Officer