

## Declaration of RUT240 Identity

We, Teltonika, Saltoniskiu st. 9B-1, LT-08105, Vilnius, Lithuania, hereby declare under our sole responsibility, that the following equipment:

- **mdex Router MX560**

Is identical in design with:

Brand	Equipment	Model number
Teltonika	LTE Router	RUT240

Products sold by "Teltonika" to "mdex" under the custom branding name

- "mdex Router MX560" is manufactured by Teltonika and used HW is identical to RUT240.

Date

8/7/2019

Place

Vilnius, Lithuania

Chief of Networking Technical Support Department



Vilmantas Simpukas

## EU Declaration of Conformity

13<sup>th</sup> of August, 2021

Kaunas

**Declaring Organization:** TELTONIKA NETWORKS UAB  
**Product Name:** LTE Router  
**Product Model Name:** RUT240

Used frequency range of built-in RF module:

Band		UL f, MHz	DL f, MHz
GSM	GSM900	880-915	925-960
	GSM1800	1710-1785	1805-1880
WCDMA	1	1920-1980	2110-2170
	8	880-915	925-960
LTE	1	1920-1980	2110-2170
	3	1710-1785	1805-1880
	7	2500-2570	2620-2690
	8	880-915	925-960
	20	832-862	791-821
	28A	703-733	758-788
Wi-Fi 2.4GHz	1-13	2401-2483	

Transmit Power:

- Wi-Fi 2.4GHz: 12.6 dBm (EIRP)
- Max. 32.33 dBm (GSM1800)
- Max. 23.63 dBm (WCDMA B8)
- Max. 23.8 dBm (LTE B7)

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TELTONIKA NETWORKS UAB, hereby declare under our sole responsibility that the above-described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized standard reference	Article of Directive 2014/53/EU	Test report No.
IEC 62368-1:2018 EN 62368-1:2014+A11:2017 EN 50385:2017 EN 62232:2017	Health and safety – Article 3.1(a)	R1910A0619-L1 R1910A0619-M1
EN 55032:2015 EN 55035:2017 ETSI EN 301 489-1 V2.2.3 Draft ETSI EN 301 489-17 V3.2.0 Draft ETSI EN 301 489-52 V1.1.0	Electromagnetic compatibility – Article 3.1(b)	R1910A0619-E1V1
ETSI EN 301 511 V12.5.1 ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-2 V11.1.2 ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-13 V11.1.2 ETSI EN 300 328 V2.2.2	Efficient use of radio spectrum – Article 3.2	R1910A0619-R1 / R1805A0247-R1 R1910A0619-R2 / R1805A0247-R2 R1910A0619-R3 / R1805A0247-R3 SZCR210402067702

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: Timco Engineering, Inc., 849 N.W. State Road 45, Newberry, Florida 32669, United States. Notified Body No.: 1177.

Therefore **CE** is placed on the product.

EU Type Examination Certificate No. **TCF-3357CC19**

Head of Technical Support Department



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## EU RoHS Declaration of Conformity

13<sup>th</sup> of August, 2021

Kaunas

This EU RoHS Declaration of Conformity is issued under the sole responsibility of the manufacturer.

The objects of the declaration described below are in conformity with Directive 2011/65/EU and amendment 2015/863/EU (RoHS 3) of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Models listed in **Table 1** do not contain any substances above the maximum concentration limits of 0.01% for Cd and 0.1% for Pb, Hg, Cr (VI), PBB, PBDE, DEHP, BBP, DBP, DIBP as appointed in the Annex II of 2015/863/EU, except those application(s) listed in **Table 2** which are exempted by the Annex III of Directive 2011/65/EU listed in:

- exemption for lead (Pb) subject to 2011/65/EU Annex III:  
 (6c) copper alloy containing up to 4% lead by weight.

**Table 1.** List of products without any exemptions.

Category	Device
Router	RUT300
	RUT850
	RUTX08
Switch	TSW100
	TSW110

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**Table 2.** List of products with applied exemption.

Category	Device	Exemption for lead (Pb) subject to 2011/65/EU Annex III
Modem	TRM240 TRM250	Yes
Gateway	TRB140 TRB141 TRB142 TRB145 TRB245 TRB255	Yes
Router	RUT230 RUT240 RUT360 RUT900 RUT950 RUT955 RUTX09 RUTX10 RUTX11 RUTX12 RUTX14 RUTXR1	Yes

Signed for and on behalf of TELTONIKA NETWORKS UAB Management representatives:

Head of Technical Support Department



*[Handwritten signature]*

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## EU Regulation 1907/2006 (REACH) Compliance

2<sup>nd</sup> of April, 2021

Kaunas

TELTONIKA NETWORKS UAB, declare under our sole responsibility that all our products are in compliance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and its all amendments.

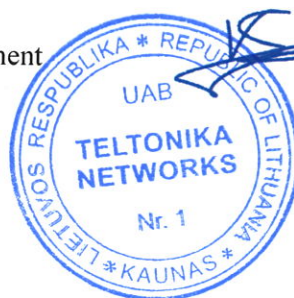
According to Article 33 of REACH, the manufacturer has the obligation to provide sufficient information to the consumer/recipient of the article if Substances of Very High Concern (SVHC) of candidate list are contained in a concentration above 0.1% weight by weight (w/w). To the best of our knowledge, except for lead, the other SVHC are not present above 0.1% w/w in any article of TELTONIKA NETWORKS UAB products. To determine which products are affected, see **Annex 1**. Safe use information of the products containing lead is presented in **Annex 2**.

The weight of the SVHC candidate substance shipped into the EU does not exceed 1 ton/year. Therefore, REACH Articles 6 and 7 to notify ECHA is not applicable to meet REACH requirements.

TELTONIKA NETWORKS UAB products and packaging contain none of the Banned Substances listed in REACH Annex XVII.

Head of Technical Support Department

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### Annex 1. SVHC present in products

Product Name	SCIP Number	Article in Product/Part	Substance Name	CAS Number	>0.1 wt% in Article (Yes/No)
TRM240	b1be0679-39ac-4442-9bc6-c12ce0a88896	Antenna connector(-s)	Lead	7439-92-1	Yes
TRM250	a6032b35-ccb1-4df5-8a88-38d9e3b463c6				
TRB140	1f105c21-a0a3-41b9-85e6-808e3f7cc77c				
TRB141	eceea5ca-1be9-49e0-90c8-9fc6b68d8e95				
TRB142	62237c6c-fcc6-4813-9b0a-b8610efd3b66				
TRB145	0304c1f2-f106-4b69-8c44-c11ab71cf8e4				
TRB245	1363f28d-f407-490d-b901-3856d991fdc0				
TRB255	9e1868f9-f6f8-4ee3-80bc-f71a999c6988				
RUT230	aba1d928-83fd-4cc7-9020-47fdcba0d918				
RUT240	838f450a-5df1-486d-83dd-1c234b16cb07				
RUT360	e0e3faad-c2d2-4fab-83d7-ab01d679e3ca				
RUT900	f748b187-d2cf-4e52-94a4-f013b4f1c3e3				
RUT950	371f3373-ed10-4883-9d63-2b9efc7e2faf				
RUT955	8ef22b3e-11df-4ad8-9141-c105bcf437cc				
RUTX09	3713ed2f-acd7-45ed-acc4-5def5cea313a				
RUTX10	a82239a2-83b6-40fe-828e-a8f1f8eac13a				
RUTX11	0614fd18-35b7-447a-be7b-2a276215701c				
RUTX12	d618ac6b-b1e7-4f78-bb30-676dcfdff9b1				
RUTXR1	0519d8ac-e789-4cb4-ac27-ace1ac39e79b				


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**Annex 2. Safe use of the SVHC article**

<b>LEAD</b>	
EC / List no.	231-100-4
CAS No.	7439-92-1
Index number	082-013-00-1, 082-014-00-7
<b>General</b>	
<p>Lead is present in our products SMA and RP-SMA antenna connectors. Metal part of the connectors is made of copper alloy and do contain Lead with a concentration above 0.1% by weight.</p>	
<b>Hazards Identification</b>	
	
<p>According to the classification provided by companies to ECHA in REACH registrations this substance may damage fertility or the unborn child, causes damage to organs through prolonged or repeated exposure, is very toxic to aquatic life with long lasting effects, may cause cancer, is very toxic to aquatic life and may cause harm to breast-fed children.</p> <p>Additionally, the classification provided by companies to ECHA identifies that this substance is harmful if inhaled and is harmful if swallowed.</p>	
<b>Specific hazards identification on TELTONIKA NETWORKS UAB products</b>	
<p>There are no specific hazards, when product is used as intended.</p>	
<b>Exposure control</b>	
<p>There are no specific requirements, when product is used as intended.</p>	

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