

Technaxx Deutschland GmbH & Co.KG
Kruppstraße 105
60388 Frankfurt am MainTel.: +49 (0) 69 904 7552 – 0
Fax: +49 (0) 69 904 7552 – 16@: info@technaxx.de
@: verkauf@technaxx.de
Shop: www.technaxx-europe.de

Technaxx Deutschland GmbH & Co.KG Kruppstraße 105 60388 Frankfurt a.M.

EG-KONFORMITÄTSERKLÄRUNG

Name des Herstellers:
Technaxx Deutschland GmbH & Co.KGAnschrift des Herstellers:
Kruppstr. 105, 60388 Frankfurt a.M., Deutschland / Germany, Tel.: 069 / 90 47 552 – 0Gegenstände der Erklärung: **MusicMan® Karaoke Mikrofon PRO BT-X35**
Karaoke Bluetooth Mikrofon mit Stereolautsprecher & TWS-Funktion**MusicMan® Karaoke Microphon PRO BT-X35**
Karaoke Bluetooth Microphone with Stereo Speakers & TWS function**● Oben genanntes Produkt ist konform mit den Anforderungen der folgenden Normen gemäß Richtlinie 2014/53/EU (RED)**

● Certificate of Conformity (RED) within the meaning of Council Directive 2014/53/EU on Radio Equipment and Telecommunication Terminal Equipment.

▶ Bei bestimmungsgemäßer Verwendung entspricht das o.g. Produkt den grundlegenden Anforderungen des Artikels 3 und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU (RED)

▶ Complies with the essential requirements of Article 3 and the other relevant provisions of the Directive 2014/53/EU (RED), when the above mentioned product is used for their intended purpose.

● Oben genanntes Produkt ist konform mit den Anforderungen der folgenden Normen

● Above mentioned product complies with the requirements of the following standards

Report-No. TB-LVD152028

Information technology equipment – Safety – Part 1: General requirements

Health and safety requirements pursuant to § 3 (1) 1. [Article 3 (1) a)]

EN 60950-1 : 2006 + A11 : 2009 + A1 : 2010 + A12 : 2011 + A2 : 2013

Einrichtung der Informationstechnik – Sicherheit – Teil 1: Allgem. Anforderungen
Gesundheit und Sicherheit gemäß § 3 (1) 1. [Artikel 3 (1) a)]**Report No. TB-EMC152025**

Protection requirements concerning electromagnetic compatibility to § 3 (1) 2. [Article 3 (1) b)]

EN 301 489–1 V1.9.2 (2011-09) Schutzanforderungen iB. auf die elektromagnetische Verträglichkeit (EMC Report)

EN 301 489–17 V2.2.1 (2012-09)

Report No. TB-RF152026

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2.4 GHz ISM and using wide band modulation techniques; § 3 (2)

EN 300 328 : V1.9.1 (2015-02) Elektromagnetische Verträglichkeit & Funkspektrumsangelegenheiten (ERM) für Funkkomponenten im lizenz-freien 2,4-GHz-Band gemäß § 3 (2)

Report No. TB-HEA152027

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10MHz to 300GHz)

EN 62479 : 2010 Beurteilung der Übereinstimmung von elektronischen und elektrischen Geräten kleinerer Leistung mit den Basisgrenzwerten für die Sicherheit von Personen in elektromagnetischen Feldern (10MHz bis 300GHz)

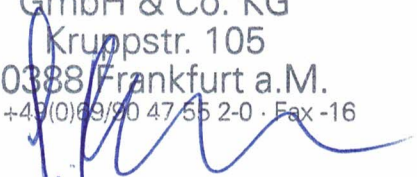
Report-No. TB-RoHS152041

● O.g. Produkt entspricht nach fundierten Angaben des Herstellers den RoHS-Teststandards unter **Einhaltung der Richtlinie RoHS 2011/65/EU.**

● The above mentioned product corresponds to the RoHS test standards consolidated by the manufacturer and found in compliance with the council **RoHS Directive 2011/65/EC.**

Technaxx Deutschland
GmbH & Co. KG
Kruppstr. 105
60388 Frankfurt a.M.
Fon +49(0)69/90 47 55 2-0 · Fax -16

Frankfurt, 01.11.2017
(Ort und Datum der Ausstellung)



(Unterschrift und Stempel des Herstellers)
Pascal Pekcan (GF Technaxx Deutschland GmbH & Co.KG)

LITHIUM CELL TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF MANUAL OF TESTS AND CRITERIA

Name/Description of cell
BT-X35, 26, 31, 35, 37

Manufacturer of cell

Name	Dongguang Zhechang Industrial Co.
Address	No.8 Jiangnan West road Xiagang Industry park Chang An Town Dongguang Guangdong Provice
Phone	+86 769 85348900
E-Mail	zecsep@zhechang.com
Website	www.zhechangcn.com

Manufacturer of the equipment (if the cell is contained in equipment)

Name	Dongguang Zhechang Industrial Co.
Address	No.8 Jiangnan West road Xiagang Industry park Chang An Town Dongguang Guangdong Provice
Phone	+86 769 85348900
E-Mail	zecsep@zhechang.com
Website	www.zhechangcn.com

Test laboratory of cell

Name	Technaxx Deutschland GmbH & Co. KG
Address	Kruppstraße 105, 60388 Frankfurt am Main
Phone	+49 [69] 90 47552 0
E-Mail	Zentrale@technaxx.de
Website	http://www.technaxx.de/

ID-number and date

Unique test report identification number	LCS181226095ASA
Date of test report	2019-01-18

DESCRIPTION OF CELL (Mark with an "X")

Lithium ion cell	X
Lithium metal cell	

Parameters

Mass in gram (g):	8.9g
Lithium ion: Indicate watt-hour rating (Wh):	1.11Wh
Lithium metal: Indicate lithium metal content in gram (g):	

Physical description of cell

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Model numbers

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TESTS AND RESULTS

List of tests conducted and results - Mark N/A, pass or fail with an "X"	N/A	Pass	Fail
T1 - Altitude simulation		X	
T2 - Thermal Test		X	
T3 - Vibration		X	
T4 - Shock		X	
T5 - External Short Circuit		X	
T6 - Impact - for cylindrical cells having a diameter of at least 18 mm		X	
T6 - Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm		X	
T7 - Overcharge		X	

T8 - Forced Discharge		X	
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Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto

ADDITIONAL SUPPLIER INQUIRY

Mark Yes or no with an "X"	Yes	No
Quality management system for manufacturing cells Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?	X	
Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium metal cell: more than 1 g Lithium	X	

Check point 13 – 15 need to be answered when 12 has been ticked "YES":




Mark Yes or no with an "X"	Yes	No
Does each cell incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?	X	
Is each cell equipped with an effective means of preventing external short circuits?	X	
Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.) Not relevant for cells	X	


Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells and lithium polymer cells

State of Charge (SoC) max. 30 %	X	
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CELLS INSTALLED IN EQUIPMENT

Check point 17 needs to be answered when the cells are installed in articles: Mark N/A, pass or fail with an "X"	N/A	Pass	Fail
17c) Only button cells enclosed?		X	
17b) Number of enclosed cells (other than button cells) per equipment			
When the equipment is intentionally active/switched on during transport e.g. data loggers:			
17c) Confirmation that no dangerous amount of heat is emitted from the equipment		X	
17d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160		X	

	x	
Single Cell or Battery	Build in Cell/ Battery	Over 100Wh
		

Place, Date	CEO Technaxx	Stamp
2019-12-18	Pascal Pekcan 	Technaxx Deutschland GmbH & Co. KG Kruppstr. 105 60388 Frankfurt a.M. Fon +49(0)69/90 47 55 2-0 · Fax -16