



Technical Regulations Conformity Certificate

Certificate No:	JN0830 i01
Certificate Holder:	Hafele Engineering Asia Limited RM 1905 NAN FUNG CENTRE 264-298 CASTLE PEAK ROAD TSUEN WAN NT HONG KONG
Model(s):	420E/12V/BT034/32W/Y/B/E (The "Y" denote the color of enclosure, which can be BLA, BLU, BRN, GRN, RED, SIL, WHI, YEL, GOL; BLA denotes black, BLU denotes blue, BRN denotes brown, GRN denotes green, RED denotes red, SIL denotes silver, WHI denotes white, YEL denotes yellow, GOL denotes gold, Other colour may be added as required. The "B" denote the length of input cable in mm with max of 2000; The "E" denote the numbers of speakers, which can be 01, 02, 03, 04)
Category of Specified Radio Equipment:	Low power data comms. in the 2.4GHz band Sound System 420E
in accordance with the MIC Ordinance No.146, 2001: Ordinance on the Mark, etc. based on the Law for Implementation of the Mutual Recognition between Japan and the European Community and the Republic of Singapore in Relation to Conformity Assessment of Specified Equipment.	
Mark Number:	203-JN0830
Radio Law	Law no 131, 1950 and amendments
Ministerial Ordinance of MPT No. 37 of 1981	Article 2 Paragraph 1 Item (19)
Standards used for testing	ARIB STD-T66 V3.7

Date: 2018-03-14


(Vina Kerai)

This certificate has been issued in accordance with the Certification Regulations of TUV SUD B A B T.
Any conditions associated with this certification are listed in the attached annex.
This certificate constitutes page 1 of the combined Certificate and Annex.

For further details related to this certification please contact babt@tuv-sud.co.uk

TUV SUD B A B T document reference number JP01 18 03 73400 079

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Description of Equipment: Sound system 420E

Continuing Compliance: Statement of Production Quality Assurance-Signed.pdf, modified 2018-03-04

User Guide: Users Manual.pdf, modified 2010-02-28

Test Report Number(s): 68.950.18.0045.01, issue date: 2018-02-06

Approved Software: I50E_ADK.STD.IL.20171130.12

Approved Hardware: SOUNDSYSTEM420_V2.0


Circuit Diagram(s): SCH.pdf, modified 2017-04-05

Antenna Information: PCB Antenna, Gain: 0 dBi

Radio Information

Transmitter Type	Bluetooth
Category of Specified Radio Equipment	Article 2 Paragraph 1 Item (19)
Type of modulation	GFSK, Pi/4 QPSK, 8DPSK
Class of Emissions	G1D
Frequency Band(s)	2402 – 2480 MHz
Antenna (Transmit) Power	0.051 mW/MHz
Maximum SAR level	N/A

Conditions of Validity: The equipment must only be serviced by authorised personnel.
There are no end user serviceable parts.

Signed:  on behalf of TUV SUD B A B T	Date: 2018-03-12
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