



Date: September 17, 2018

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER	1. 2124/BA/16 with the amendment 2. 222/BA/17	CERTIFICATE NUMBER	DC – UAE – 0101
DATE OF ISSUE	1. March 27, 2017 (amendment dated July 11, 2017) 2. June 30, 2017	DATE OF ISSUE	September 17, 2018
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	June 27, 2027
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	Zhongshan Eurotec Electronics Ltd.	NAME OF THE BRAND	TANNOY
FACTORY ADDRESS / REGION	No. 10 Wanmei Road, South China Modern Chinese Medicine Park, Nanlang Town Zhongshan City, Guangdong, Peoples Republic of China	MODEL / NO	VLS 7 (EN54), VLS 15 (EN54)
WEBSITE	www.musictribe.com	LOGO ON THE PRODUCT	TANNOY
TELEPHONE	+86 760 85163400 ext (9) 8375	EMAIL	JunYong.Tao@musictribe.com





Product Details From Test Report			Reference Test Report Page No.
DESCRIPTION OF THE PRODUCT	Loudspeaker for voice alarm systems type VLS 7 (EN54) and VLS 15 (EN54) (TANNOY brand) (Detailed specification below)		3
TESTS STANDARD	EN 54-24:2008: Fire detection and fire alarm systems – Part 24: Components of voice alarm systems – Loudspeakers		10 (2124/BA/16) 9 (222/BA/17)
TESTS DESCRIPTION	Requirements, test methods and performance criteria for loudspeakers intended to broadcast a warning of fire between a fire detection and fire alarm system and the occupants of a building.		10 (2124/BA/16) 9 (222/BA/17)
SPECIFICATION OF TEST SPECIMEN	Loudspeaker type:	VLS 7 (EN54) VLS 15 (EN54)	4-5 (2124/BA/16) 4 (222/BA/17)
	Typ transformers:	J60-00001-40605	
	Loudspeaker power voltage [V]:	70 / 100	
	Loudspeaker rated power [W]:	150	
	Loudspeaker output setting on the transformer taps [W]:	70 V: 150 / 75 / 37,5 / 19 / 9,5 / 5 100 V: 150 / 75 / 37,5 / 19 / 9,5	
	Loudspeaker impedance [Ω]:	12	
	Impedance of transformer – for particular terminals [Ω]:	33 / 66 / 133 / 265 / 520 / 1000	
	Maximum sound pressure level (rated power / 4m) [dB]:	91 96	
	Sensitivity S (1W / 4m) [dB]:	76	
	Coverage angle for 500 Hz [°]:	horizontal – 360 vertical – 129	
	Coverage angle for 1kHz [°]:	horizontal – 202 vertical – 62	
	Coverage angle for 2kHz [°]:	horizontal – 137 vertical – 49	
	Coverage angle for 4kHz [°]:	horizontal – 127 vertical – 40	
	Type of work environment:	B	
	IP protection:	33C	
	Terminals:	plastic material and metal connection block	
	Type of installation:	surface wall mounted	
	Dimensions of loudspeaker with housing [mm]:	816,5 x 121 x 146	
	Material of housing:	metal, plastic material	
	Mass [g]:	9900 10800	
TESTS RESULTS	Optional elements	Identifying data	11-22 (2124/BA/16) 9 (222/BA/17)
	Fuse activation parameter:	not applicable 24V / 35W	
	Type of capacitor:	not applicable	
	Filter:	not applicable	
	Type of additional protection:	not applicable	
	EN 54-24	Frequency response limits	
	EN 54-24	Reproducibility	
	EN 54-24	Rated impedance	
	EN 54-24	Horizontal and vertical coverage angles	
	EN 54-24	Maximum sound pressure level	
	EN 54-24	Durability	
	EN 54-24	Construction	
	EN 54-24	Marking and data	
	EN 54-24	Rated noise power (durability)	
	EN 54-24 - EN 60529	Enclosure protection IP 33C	
	EN 54-24 - EN 60068-2-2	Dry heat (operational)	
	EN 54-24 - EN 60068-2-2	Dry heat (endurance)	
	EN 54-24 - EN 60068-2-1	Cold (operational)	
	EN 54-24 - EN 60068-2-30	Damp heat, cyclic (operational)	
	EN 54-24 - EN 60068-2-78	Damp heat, steady state (endurance)	
	EN 54-24 - EN 60068-2-30	Damp heat, cyclic (endurance)	
	EN 54-24 - EN 60068-2-42	Sulphur dioxide corrosion (endurance)	
	EN 54-24 - EN 60068-2-27	Shock (operational)	
	EN 54-24 - EN 60068-2-75	Impact (operational)	
	EN 54-24 - EN 60068-2-6	Resonant vibration (operational)	
	EN 54-24 - EN 60068-2-6	Simulated vibration (endurance)	
PRODUCT APPLICATION GUIDELINE	A54-0002-21379	VLS 7 (EN54) and VLS 15 (EN54) are outdoor loudspeakers. They are made of metal and plastic material. The loudspeakers are surface wall mounted type. These products VLS 7 (EN54) and VLS 15 (EN54) have to be used with Voice Alarm System.	Not applicable



Laboratory and Certification Body Details			
NAME OF CERTIFICATION BODY	CNBOP-PIB Centrum Naukowo-Badawcze Ochrony Przeciwpowozarowej Państwowy Instytut Badawczy	NAME OF TEST FACILITY	CNBOP-PIB Zespół Laboratoriów Sygnalizacji Alarmu Pożaru i Automatyki Pożarniczej
CERTIFICATION BODY ADDRESS / REGION	ul. Nadwiślańska 213 05-420 Józefów REPUBLIC OF POLAND	TEST FACILITY ADDRESS / REGION	ul. Nadwiślańska 213 05-420 Józefów REPUBLIC OF POLAND
WEBSITE	www.cnbop.pl	WEBSITE	www.cnbop.pl
TELEPHONE	+48 22 769 33 47	TELEPHONE	+48 22 769 32 26
EMAIL	jcw@cnbop.pl	EMAIL	ba@cnbop.pl
ACCREDITED BY	Polish Centre for Accreditation http://www.pca.gov.pl	ACCREDITED BY	Polish Centre for Accreditation http://www.pca.gov.pl
AS PER	EN ISO/IEC 17065 Requirements for bodies certifying products, processes and services	AS PER	EN ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
VALIDITY	October 3, 2022	VALIDITY	October 11, 2021
REFERENCE NUMBER	AC 063	REFERENCE NUMBER	AB 207
CERTIFICATION MARK	 CNBOP-PIB		
(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME AND SURNAME OF MANUFACTURERS SIGNATORY	Zhongshan Eurotec Electronics Ltd.	SIGNATURE	
EMAIL / TELEPHONE	Jun.Yong.Tao@musictribe.com	FACTORY OFFICIAL SEAL	
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE		
(ENDORSEMENT) TO BE CERTIFICATION BODY			
NAME AND SURNAME OF CERTIFICATION BODY SIGNATORY	bryg. dr inż. Jacek Zboina	SIGNATURE	
EMAIL / TELEPHONE	cnbop@cnbop.pl +48 22 769 33 00	CERTIFICATION BODY OFFICIAL SEAL	
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE		

ATTACHEMENT:

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