

TEST REPORT	
IEC60529	
Degrees of protection provided by enclosures (IP Code)	
Report reference No.	12KWS08316A
Testing laboratory	Keyway Testing Technology Co., Ltd.
Location.....	Baishun Industrial Zone, Zhangmutou Town, Dongguan, Guangdong, China 523638
Applicant / Manufacturer.....	DONGGUAN MEILOON ACOUSTIC EQUIPMENTS CO.,LTD
Address:.....	No.77 Yuanlin Road, Fenghuanggang Industrial Estate, Tangxia Town, Dongguan, Guangdong, China
Total pages.....	3 Pages
Issue date.....	August 07, 2012
Product Description.....	Loudspeaker
Model/Type designation.....	VLS30
Trademark.....	TANNOY
Material.....	N.A.
Factory.....	DONGGUAN MEILOON ACOUSTIC EQUIPMENTS CO.,LTD
Address:.....	No.77 Yuanlin Road, Fenghuanggang Industrial Estate, Tangxia Town, Dongguan, Guangdong, China
Test Items.....	IP65
Test requirement.....	IEC 60529:2001 clause 13.4 and clause 14
Test result.....	Pass
TRF originator.:	Keyway Testing Technology Co., Ltd.
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General remarks:	When determining for test conclusion, measurement uncertainty of tests has been considered. This report shall not be reproduced except in full without the written approval of the testing laboratory.

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Test items: IP65

Test model: VLS30

Test procedure:

1. IP6X

Test for protection against solid powder access into the enclosure indicated by the first characteristic numeral. The first characteristic numeral: 6

1.1 Test condition

The volume of talcum powder: 2Kg/m^3 .

Speed of deflating: Less than 40 times the volume of the enclosure.

Duration: 8 hours.

1.2 Observation: No obvious powder inside the enclosure, conform to IEC 60529:2001 clause 13.4

2. IPX5

Test for protection against ingress of water indicated by the second characteristic numeral. The second characteristic numeral: 5

2.1 Test instrument:

With the 6,3 mm nozzle

2.2 Test condition

internal diameter of the nozzle: 6,3 mm, delivery rate: $12,5 \text{ l/min} \pm 5 \%$, water pressure: to be adjusted to achieve the specified delivery rate, core of the substantial stream: circle of approximately 40 mm diameter at 2,5 m distance, from nozzle, test duration per square metre of enclosure surface area likely to be sprayed: 1 min; distance from nozzle to enclosure surface: between 2,5 m and 3 m.

2.3 Test duration: 3 minutes.

2.4 Observation: No water ingress into the enclosure.

Conform to IEC 60529:2001 clause 14 standard after test and work normally.

RESULT: Up to standard

COMMENT & EVALUATION: Pass



Photo documents:

	
IP6X testing	IP6X testing
	
IPX5 testing	IPX5 testing
	
After IP65 test	