



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No...... : WTF22F04073935R1G
Applicant..... : Mid Ocean Brands B.V.
Address..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon,
Hong Kong
Manufacturer : 114746
Address..... : /
Product Name..... : IPX7 waterproof wireless speaker
Model No..... : MO6642
Test specification..... : Degrees of protection provided by enclosures (IP Code)
IEC 60529:1989+A1:1999+A2:2013
Date of Receipt sample.... : 2022-05-13
Date of Test..... : 2022-05-14 to 2022-05-17
Date of Issue..... : 2022-05-23
Test Report Form No...... : WST-133188-01A
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Tested by:

Mike Wang

Approved by:

Jerry Mu



List of test items:

No.	Test Items	Requirement + Test	Result
1、	IPX7 Test	IEC60529:1989+A1:1999+A2:2013	Pass
<p>Subcontract</p> <p>Whether parts of tests for the product have been subcontracted to other labs: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, list the related test items and lab information: Test items: -- Lab information: --</p>			
<p>Possible test case verdicts:</p> <p>- test case does not apply to the test object N (Not applicable) - test object does meet the requirement P(Pass) - test object does not meet the requirement F(Fail)</p>			
Remarks: --			

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**Test Item :**

Tests for protection against ingress moisture: IPX7

Test Method:

The tests should be carried out under the standard atmospheric condition. The atmospheric conditions during tests are as follows:

Temperature range: 15 °C to 35 °C; Relative humidity: 25% to 75%.

The tests are conducted with fresh water.

The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:

—the lowest point of enclosures with a height less than 850 mm is located 1 000 mm below the surface of the water;

— the highest point of enclosures with a height equal to or greater than 850 mm is located 150 mm below the surface of the water;

— the duration of the test is 30 min;

— the water temperature does not differ from that of the equipment by more than 5 K. However, a modified requirement may be specified in the relevant product standard if the tests are to be made when the equipment is energized and/or its parts in motion.

Acceptance Conditions:

After testing in accordance with the appropriate requirements, the enclosure shall be inspected for ingress of water.

It is the responsibility of the relevant Technical Committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any.

In general, if any water has entered, it shall not:

- be sufficient to interfere with the correct operation of the equipment or impair safety;
- deposit on insulation parts where it could lead to tracking along the creepage distances;
- reach live parts or windings not designed to operate when wet;
- accumulate near the cable end or enter the cable if any.

If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.

For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.

Test Result:

Pass Fail



Photo Documentation:



Photo 1 - Sample



Photo 2 -- During the test of IPX7

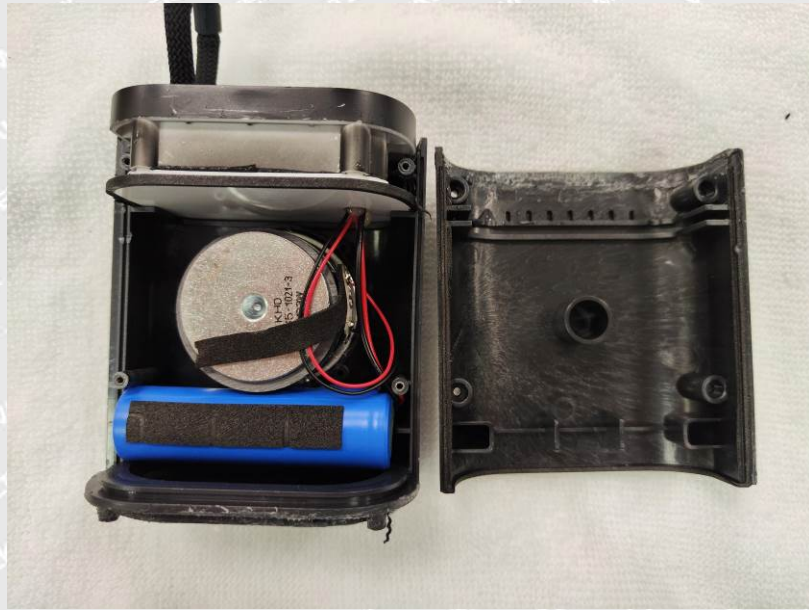


Photo 3 -- After the test of IPX7



Photo 4 -- After the test of IPX7



Photo 5 -- After the test of IPX7

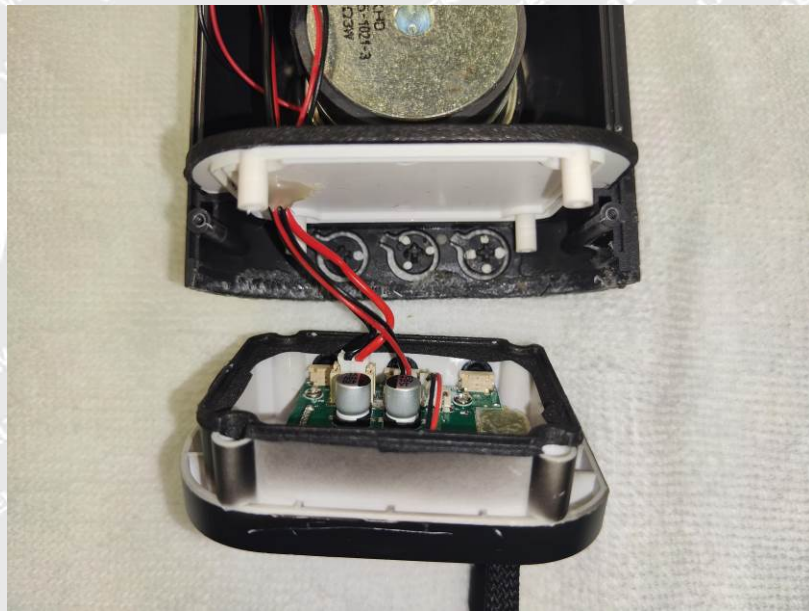


Photo 6 -- After the test of IPX7

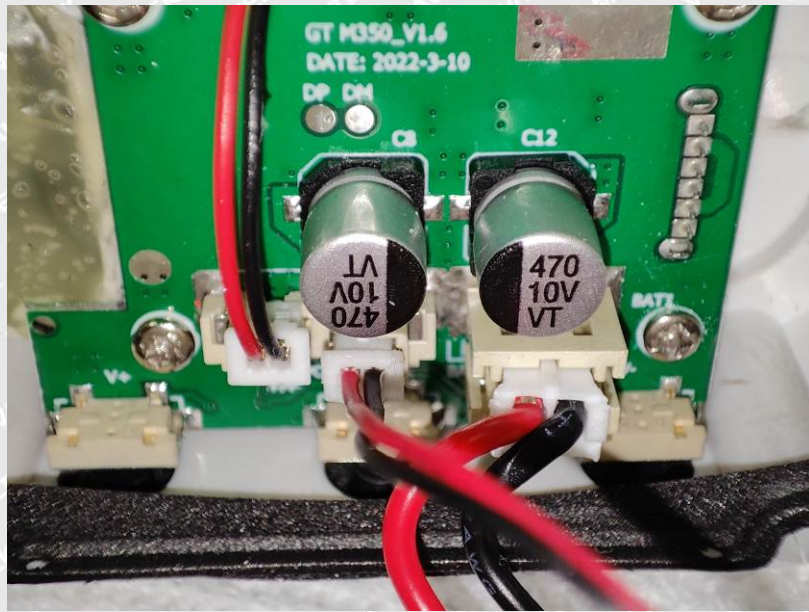


Photo 7 -- After the test of IPX7

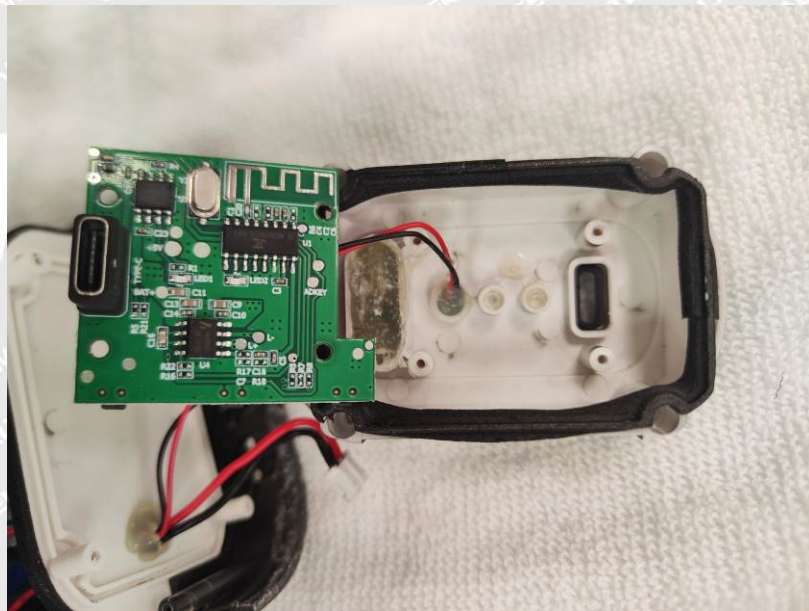


Photo 8 -- After the test of IPX7



Equipment Used during Test :

Equipment	Model/Type	Due Date
Temperature & Humidity Datalogger	622	2022-07-09
Power Meter	8775A	2023-02-27
Dielectric & Insulation Resistance Tester	9012	2023-02-27
Protection against water test device	KXT1318	2023-02-27
Caliper	CD-6 " CSX	2023-02-27
Temperature Recorder	34970A	2023-02-27
Tape Measure	3m	2023-02-27
Clock	PC397	2023-02-27

===== End of Report =====

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