

## TEST REPORT

No. : NBIN2202001496PS

Date : Feb 25, 2022

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scan to see the report



NBIN2202001496PS

CUSTOMER NAME: NINGBO ROXTONE AUDIO TECHNOLOGY CO.,LTD  
ADDRESS: YUSHANTOU VILLAGE,DONGQIAO TOWN,HAISHUDISTRICT,  
NINGBO,CHINA

Sample Name : HEAVY DUTY WATERPROOF 5P XLR SOCKETS

Product Specification : RX5FDWP RX5MDWP

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : NBHL2202001739SD

Date of Receipt : Feb 17, 2022

Testing Start Date : Feb 17, 2022

Testing End Date : Feb 25, 2022

Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd Ningbo Branch

Lorin Yan

Authorized signatory



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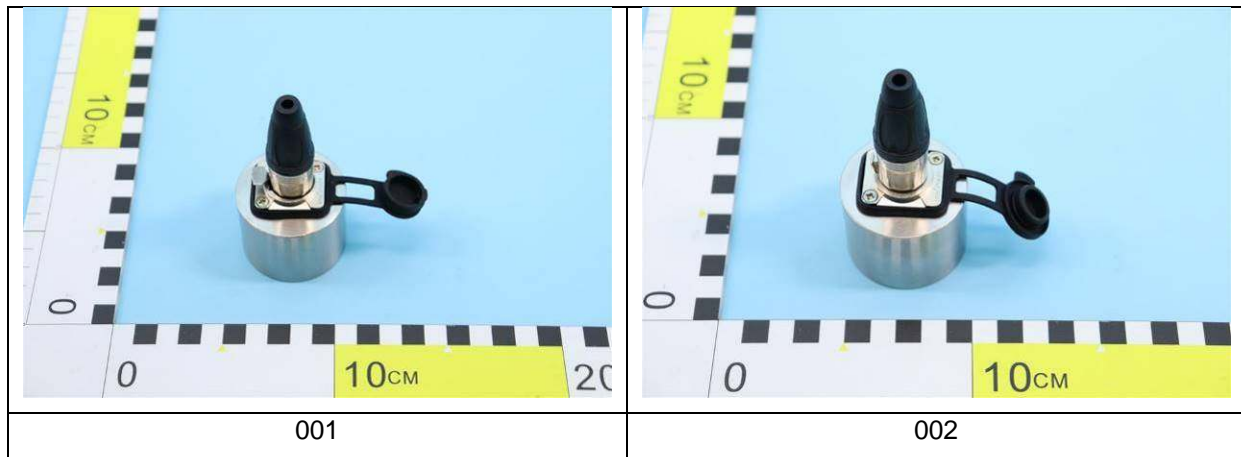
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	IP6KX	ISO 20653:2013	See result	Pass
2	IPX6	ISO 20653:2013	See result	Pass

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.

Original Sample Photo:



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1. Test Item: IP6KX

Sample Description: Connector

Test Method: ISO 20653:2013

Test Condition:

Test Dust: Arizona Dust (A2)

Dust Concentration: 2 kg/m<sup>3</sup> chamber volume and be kept in suspension during the test

Operation Method: 6 s movement of the air/dust mixture, 15 minutes break

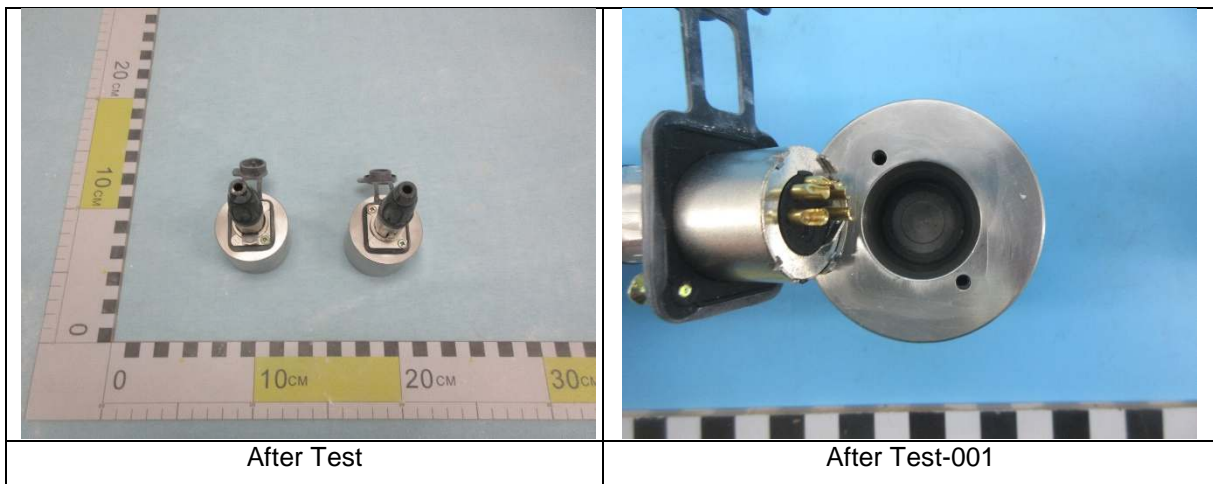
Test Cycle: 20 cycles

Lab Environment Condition: 15°C~35°C,25%RH~75%RH

Test Result:

Sample No.	Result	Client's requirement	Conclusion
001, 002	There was no visual ingress of dust at the bottom of sample base and tooling bottom	There is no visual ingress of at the bottom of sample base and tooling bottom	Pass

Test Photo:



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2. Test Item: IPX6

Sample Description: Connector

Test Method: ISO 20653:2013

Test Condition:

Nozzle diameter:  $\Phi$ 12.5mm

Flow rate: 100 L/min

Distance: 2.5m~3.0m

Test duration: 3min

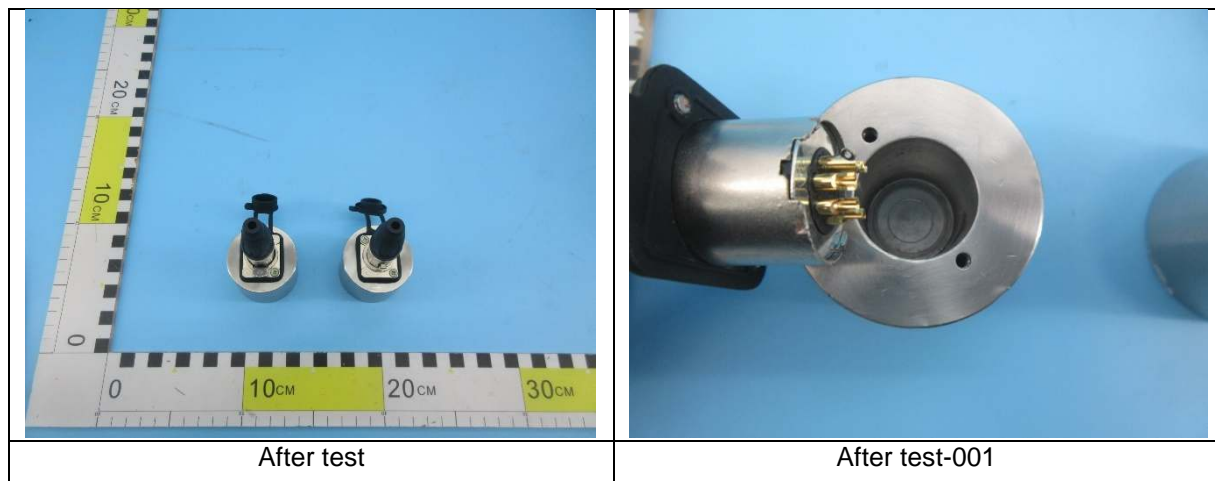
Test direction: The turntable rotates 360 degrees, and the water gun sprays from the upper, horizontal and lower directions to ensure that the samples are sprayed in all directions.

Lab Environment Condition: 18°C ~ 28°C, 25%RH ~ 75%RH

Test Result:

Sample No.	Result	Client's requirement	Conclusion
001, 002	There was no visual ingress of water at the bottom of sample base and tooling bottom	There is no visual ingress of water at the bottom of sample base and tooling bottom	Pass

Test Photo:



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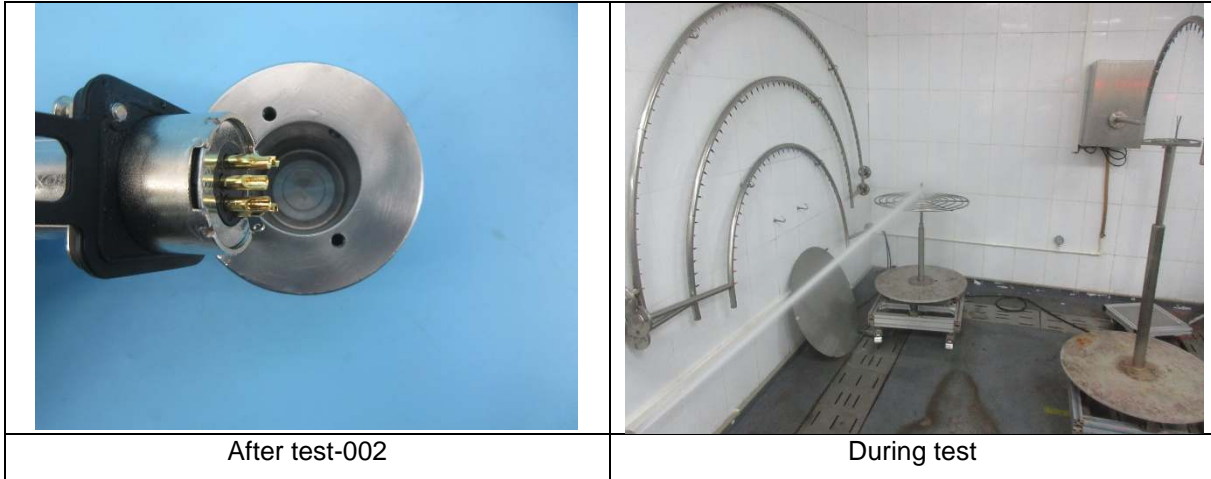
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Waterproof tester	IPX1-7	GZMR-RL-E106	2022-01-14	2023-01-13

- All above tests were carried out by other SGS laboratory.
- The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

\*\*\*\*\* End of report\*\*\*\*\*



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