

Product Specification

Part Number	2003709
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Approval		Customer Approval
Prepare By	Approve By	Approve By
HF 2017/10/14	HF	

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1. Revision History

[illegible]

2. General Specification

Part Number	2003709
Description	Waterproof speaker microphone PTT with 3.5mm audio socket and clip
Product Type	Speaker Microphone Series
Operating Temp	-20°C± 2°C ~ 50°C± 2°C
Approx. Weight	110g
IP Rating	IPX7



TEST REPORT

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Specimen:

Style/ Item No.: X-M03/ No.1
Quantity: Total 1 piece

Test Result:

Degree of protection against ingress of water (IPX7)

Test Result		
Check Item		Style/ Item No.
		X-M03/ No.1
1	Does any water enter the enclosure?	No
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	N/A
2.1	(followed check item 2) Does the water be sufficient to interfere with the correct operation of the equipment or impair safety?	N/A
2.2	(followed check item 2.1) Does the water deposit on insulation parts where it could lead to tracking along the creep age distances?	N/A
2.3	(followed check item 2.2) Does the water reach live parts or windings not designed to operate when wet?	N/A
Note 1: N/A means "Not Applicable".		
Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.1: 2001 and in accordance with the acceptance conditions specified by client.		

3. Electrical Specifications for Speaker Section

Item	Value	Conditions
1-1 Speaker Dimensions	Φ45x6.8mm	
1-2 Impedance	8Ω±15%	1KHz/1.0V
1-3 Rated Input Power	2.0W	
1-4 Max. Input Power	2.5W	
1-5 Output S.P.L	101dB±3 (1W/0.1meter)	Average at 1K,1.2K,1.5K,2.0KHz
1-6 Frequency Response	FO~20KHz	Average SPL-10dB
1-7 Distortion	10 %Max	1.0KHz/1.0W

4. Electrical Specifications for Microphone Section

Item	Value
2-1 Type and Dimension	Condenser Type, Dimension =Φ6.0 x 5.0mm
2-2 Output Impedance	2.2KΩ±10% F=1KHz 1Pa
2-3 Sensitivity	-40dB±3 F=1KHz 0dB=1V/Pa
2-4 Frequency Range	50Hz~16KHz
2-5 Directivity	Omni-directional
2-6 Operation Voltage	Standard Voltage 3V Max. Operation Voltage 10V
2-7 S/N Ratio	58dB F=1KHz 1Pa

5. Product drawing:

