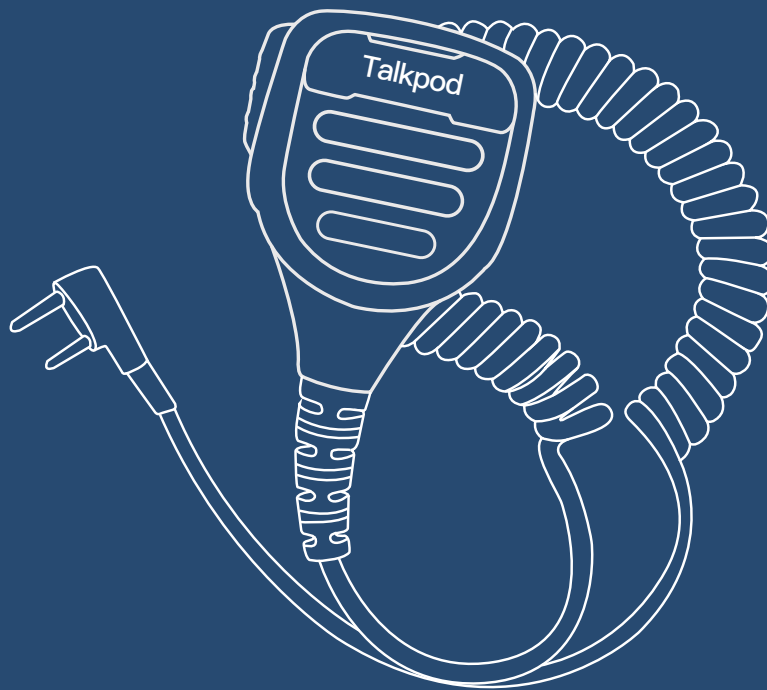


APPROVAL SHEET

TSM02-K

Micro Speaker With Adjustable
Sensitivity/K Connector



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1.基础参数 Basic Parameters



Adaptable model:N3,N4,N5,D3,D4,
D5,B3 Series

PTT Button	Yes
Alarm Button	No
Connector	Kenwood
Color	Black
IP Rating	IP54
Weight	about 165g
Size	8.8cm*6cm*3.1cm
Regular length	65cm
Expanded length	200cm

2.喇叭部分电气规格 Electrical Specifications for Speaker Section

2-1 喇叭类型 Type	Dynamic Speaker	
2-2 喇叭尺寸 Speaker Dimensions	Outer Diameter36mm Baffle Opening5.0mm Height Refer to drawing indetails;	
2-3 喇叭阻抗 Speaker DC Impedance	8 Ohm±15%	At1000 HZ
2-4 额定输入功率 Rated input power	1.0 watt	
2-5 最大输入功率 Max.Input Power	Maximum 1.5 Watt	
2-6 声压值 Sound Pressure Level	93± 3db/ (1W/1M) .	Average at (300-3K) HZ.
2-7 寿命测试 Load Test	Bt Audio Singnal Generator At 2.83 Volts.total 48 hours and 20~20KHZ Resonant Frequency	
2-8 失真率 Distortion	5%Max Rated Input at 1KHz	

3.麦克风部分电气规格 Electrical Specifications for Microphone Section

3-1 MIC 类型 Microphone Type	ECM Microphone	
3-2 MIC 尺寸 Speaker Dimension	Φ 6.0x5.0mm	
3-3 灵敏度 Sensitivity	-38dB±5dB/U=2.0V; R=2.2KΩ .1KHz	Input Signal U=2.0V ; R=2.2KΩ with Electric Sound Device Analyzer,Model-CRY6125
3-4 麦克风工作电压 Voltage	1.0-10VDC	
3-5 麦克风耗电电流 Current	V _{cc} =2.0V, R _L =2.2kΩ 80-230Ua	

4.测试状态 Test Condition

<p>标准测试状态</p> <p>Standard Test Condition</p>	<p>一般规格测试状态（特殊要求除外）：</p> <p>常温：10~35℃，常湿：45~80%。</p> <p>但判定上有疑问时，试验状态为：</p> <p>常温 20±2℃,常湿：60~70%。</p> <p>The general test conditions should be:</p> <p>Temperature 10 to 35°C,Normal humidity 45 to 80%.</p> <p>If uncertainty arise in date,the test condition should be:</p> <p>Temperature 20±2°C,humidity 60~70%.</p>
<p>工作环境条件</p> <p>Work Environment Condition</p>	<p>工作环境条件:</p> <p>环境温度：-30~60℃</p> <p>相对湿度: ≤96%;</p> <p>大气压力：86~106 kPa;</p> <p>环境噪音：≤110dB。</p> <p>The work environment condition should be:</p> <p>Enviroment temperature-30 to 60°C;</p> <p>Relative humidity less than or come up to 96%;</p> <p>Atmospheric pressure barometric 86 to 106kPa;</p> <p>The environment noise less than or come up to 110dB.</p>
<p>储存环境条件</p> <p>Deposit Environment Condition</p>	<p>储存环境条件:</p> <p>环境温度：-30~60℃;</p> <p>相对湿度：≤96%;</p> <p>大气压力：86~106 kPa;</p> <p>环境噪音：≤110dB</p> <p>The deposit environment condition should be:</p> <p>Enviroment temperature-30 to 60°C;</p> <p>Relative humidity less than or come up to 96%;</p> <p>Atmospheric pressure barometric 86 to 106kPa;</p> <p>The environment noise less than or come up to 110dB.</p>


5.环保 Environmental Compliance

5-1 有害物质限制 Restriction of Hazardous Substances(ROHS)	产品必须符合 ROHS 的要求/The provided by Voxtech is compliant with the directive 2002/95/EC(of the European Parliament and the Council of 27 January 2003 on the restriction of the use of the use of certain hazardous substance in the electrical and electronic equipment)known as ROHS directive.	
5-2 每种环保物质的极限含量 Maximum Concentration threshold (by weight) of each Restricted Mate rial	限制的物质/Banned Substance	最大含量/Maximum concentrations
	铅/Lead(Pb)	1000PPM
	合金铜中的铅/Lead in copper alloy	40000PPM
	合金钢中的铅/Lead in steel	3500PPM
	合金铝中的铅/Lead in aluminum alloy	4000PPM
	焊料中的铅/Lead in solder	1000PPM
	镉/Cadmium(Cd)	100PPM
	汞/Mercury(Hg)	1000PPM
	六价铬/Hexavalent Chromium(Cr*6)	1000PPM
	多溴联苯/Polybrominate biphenyls(PBBS)	1000PPM
多溴联苯醚/ Polybrominate biphenyl ethers(PBDEs)	1000PPM	

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Talkpod is committed to developing products that help protect the environment.

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