MegaSig

V 1.5 20261009

SS 770-11 低底噪麦克风套件

产品规格书

SS 770-11 Low-noise Microphone Kit

Product Specification

产品规格书-中文 1
Product introduction-EN 4

从此文件发布日期起，在此发表的是当前或者拟定的信息。由于我们会不断对产品进行改进和增加特征此出版物中的信息如有变动恕不另行通知。

From the date of this document's release, the information published here is current or proposed. As we will continuously improve and add features to our products, the information in this publication is subject to change without further notice.

最终版权所有（c）深圳市美格信测控技术有限公司
Copyright (c) Shenzhen MegaSig Measurement & Control Technology Company Limited

产品简介



低底噪麦克风套件

高灵敏度低底噪人工耳是模拟耳塞导管插入耳道或耳廓方式的耳模拟器，模拟耳机与人耳耦合从而测量耳机的声学性能。SS 770-11 是耦合腔和前置放大器一体式结构不可拆卸，它是预极化压力场测量传声器套件。

SS 770-11 定位是高性价比的低底噪传声器，专门针对入耳式耳机产品的音频产线测试。搭配 MegaSig PM 0083 IEPE 信号调理器达到最佳测试效果；

SS 770-11 + PM 6682 + PM 0083 的经典配置，以其超低的本底噪声，极高的稳定性，已成为大多数国内外入耳式耳机音频测试系统的标准配置。

功能特点

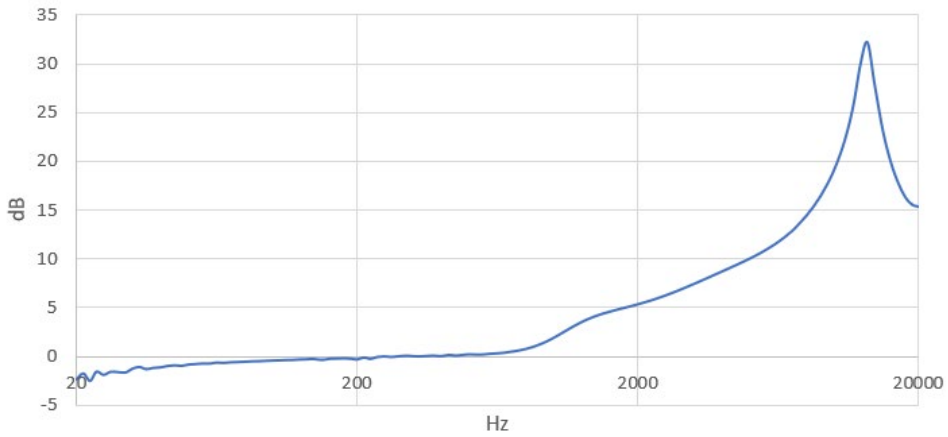
- 符合IEC60318-4:2010Ed.1.0(原IEC60711)电声学-人耳及头部的模拟器，第4部分：测量插入式耳机用堵塞耳模拟器
- 高灵敏度
- 低本底噪声

规格参数

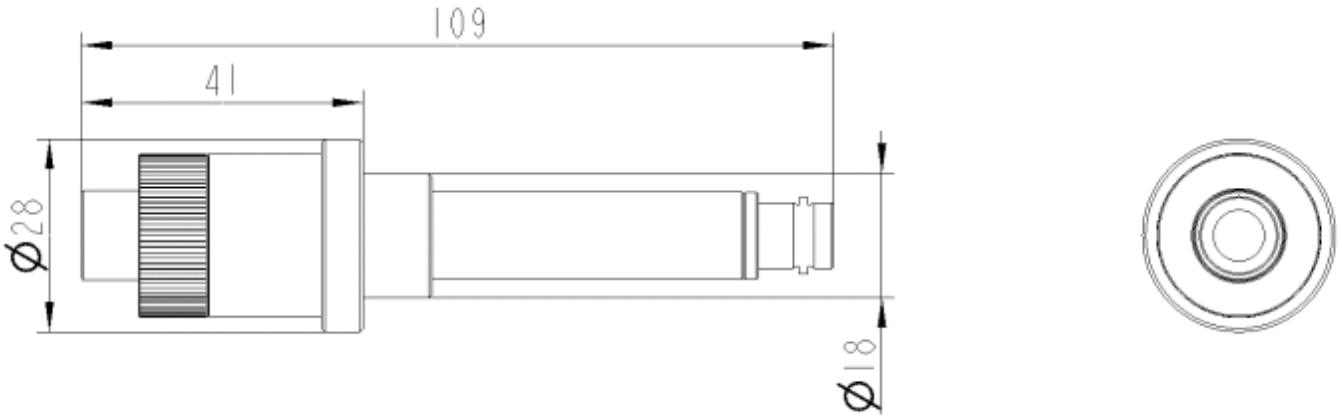
整体参数	
压力场麦克风频响	20Hz – 8kHz ± 0.5dB　8kHz – 16kHz ± 1dB
灵敏度范围	50mV/Pa　(-26.0dB±2dB) re 1V/Pa
底噪	＜16dBA
动态范围	16dBA- 134dB
接口	BNC
温度范围	-20℃至60℃
湿度范围	10- 90%无凝结
储存条件	温度：25℃±5℃，湿度：50%±15%RH（保证传感器的长期稳定性）

典型曲线，500Hz 为参考 0 点

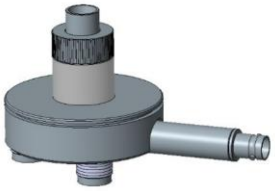
SS 770-11



尺寸与结构



订购信息

PN号	产品型号	产品图片	说明
900002-10	SS 770-11-A		长杆状结构，适合产线测试，小空间 安装
900002-28	SS 770-11-B		底盘式结构，适合桌面测量

在无深圳市美格信测控技术有限公司优先书面授权书前提下，此出版物任何一个部分不可通过任何形式进行复制、修改和翻译。对于非法复制、修改和翻译商业行为，将根据国家知识产权相关法律追求其法律责任。

深圳市美格信测控技术有限公司
0755.8950.8393
sale@megasig.com
中国.深圳.光明
www.megasig.com



Low-Noise Microphone Kit

The high-sensitivity, low-noise artificial ear is an ear simulator that mimics the way earplugs or earphone conduits are inserted into the ear canal or ear concha, simulating the coupling between earphones and the human ear to measure the acoustic performance of earphones. The SS 770-11 is an integrated, non-detachable structure combining a coupling chamber and a preamplifier, and it is a pre-polarized pressure field measurement microphone kit.

The SS 770-11 is positioned as a cost-effective, low-noise microphone specifically designed for audio production line testing of in-ear earphone products. It achieves optimal testing results when paired with the MegaSig PM 0083 IEPE signal conditioner.

The classic configuration of SS 770-11 + PM 6682 + PM 0083 has become the standard setup for most audio testing systems for in-ear earphones both domestically and internationally, thanks to its ultra-low background noise and exceptional stability.

Features

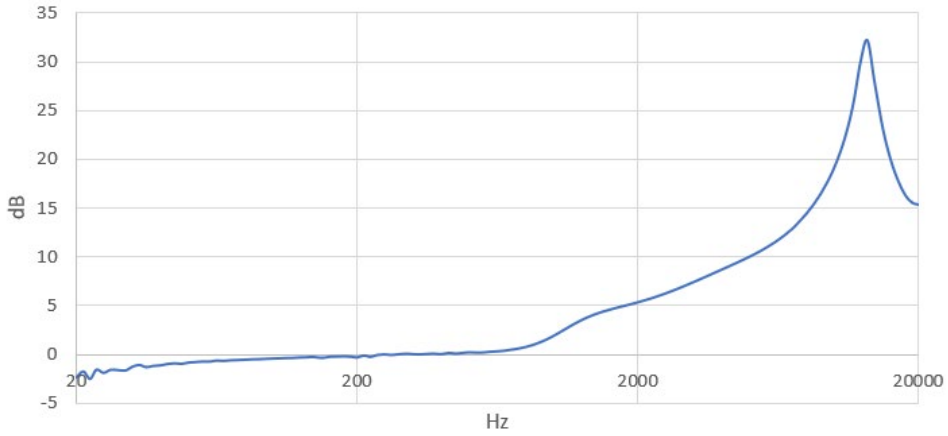
- Conforms to IEC 60318-4:2010 Ed.1.0 (formerly IEC 60711) - Electroacoustics - Simulators of human head and ear - Part 4: Occluded-ear simulator for the measurement of earphones coupled to the ear by means of ear inserts.
- High Sensitivity
- Low inherent noise

Specification parameters

Parameters	
Pressure-Field Microphone Frequency Response	20Hz – 8kHz ± 0.5dB 8kHz – 16kHz ± 1dB
Sensitivity Range	50mV/Pa (-26.0dB±2dB) re 1V/Pa
Noise Floor	＜16 dBA
Dynamic range	16 dBA - 134 dB
Interface	BNC
Operating Temperature Range	-20 ℃ to 60 ℃
Operating Humidity Range	10% to 90% (Non - condensing)
Storage Conditions	Temperature: 25 ℃ ± 5 ℃, Humidity: 50% ± 15% RH (To ensure long-term stability of the sensor)

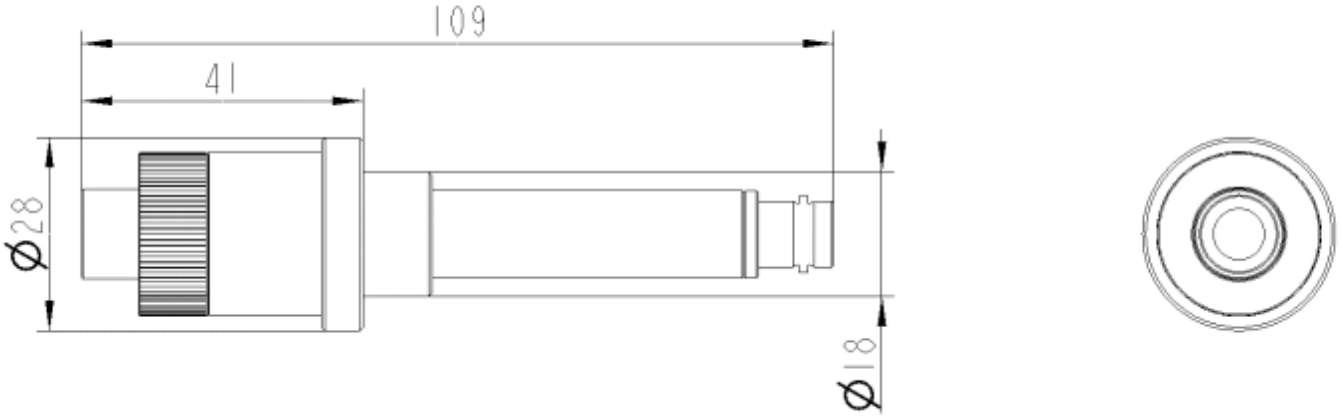
Typical frequency response（Ref 500 Hz）

SS 770-11

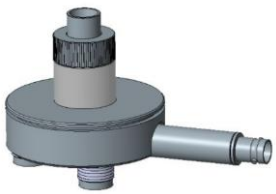


Size and Structure

Unit: mm



Ordering Information

PN	Product model	Product image	Description
900002-10	SS 770-11-A		Long rod-shaped structure, suitable for production line testing and installation in small spaces
900002-28	SS 770-11-B		Chassis-type structure, suitable for desktop measurement

Without the prior written authorization of Shenzhen MegaSig Measurement & Control Technology Company Limited, no part of this publication may be reproduced, modified or translated in any form. Legal liability will be pursued in accordance with the national laws on intellectual property rights for commercial activities involving illegal reproduction, modification or translation.

Shenzhen MegaSig Co., Ltd.
+86.0755.8950.8393
sale@megasig.com
GuangMing, Shenzhen,China
www.megasig.com