

PR 0X Series Audiometry Kit

Version: 1.3_20250528_EN



The PR 0X series of products is specifically designed for subjective evaluations of hearable devices. The internal microphone and ear canal are modeled to simulate human hearing, and the interaural sensitivity difference is under 1dBV/Pa. With a system rated power of 100mw@320Ω and powered by a USB Type-C port, there is a 3.5mm port located on the backside of the product that enables real-time monitoring when connected to an earphone.

Bundled with the PM 0095, up to 5 PR 0X series products can be connected in series, offering flexible testing and monitoring

Product Feature

- The unique design aims to replicate the performance of human hearing as closely as possible.
- Custom made microphone and ear canal design for real hearing perception.
- The 3.5mm port interface allows for real-time listening when connected to an earphone or headphone.
- Products output volume is adjustable.

General Specification Parameter

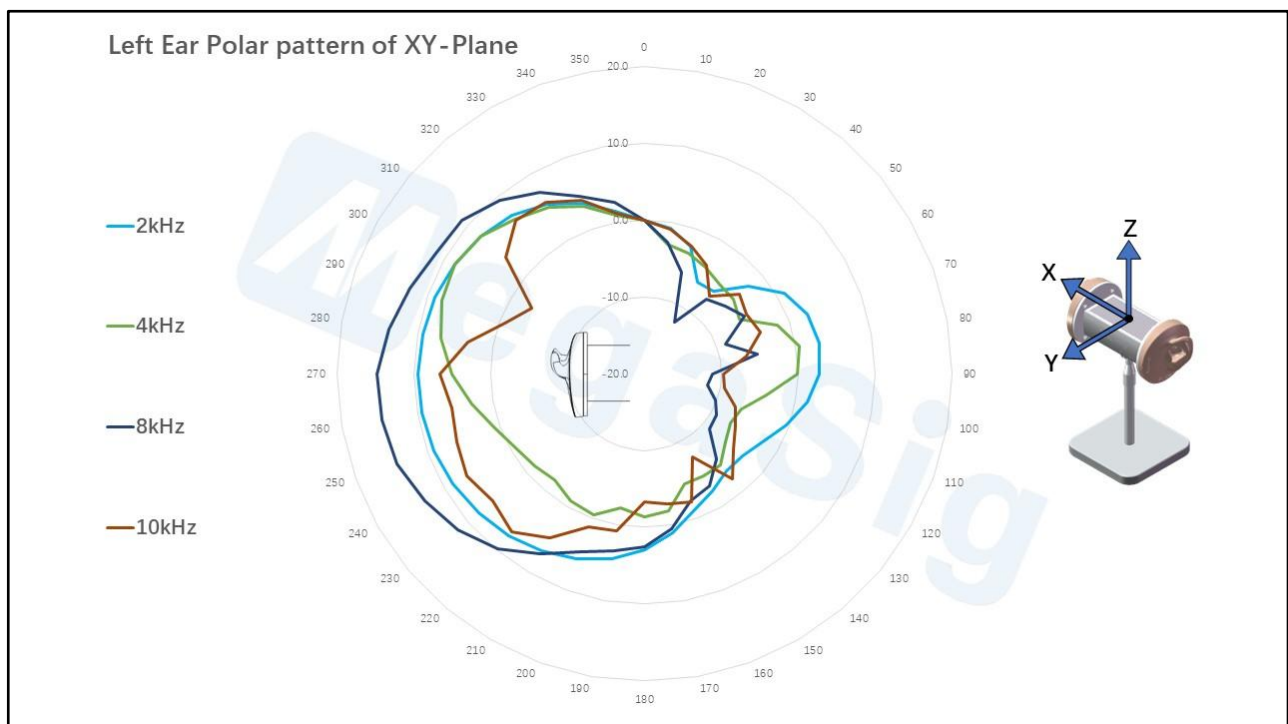
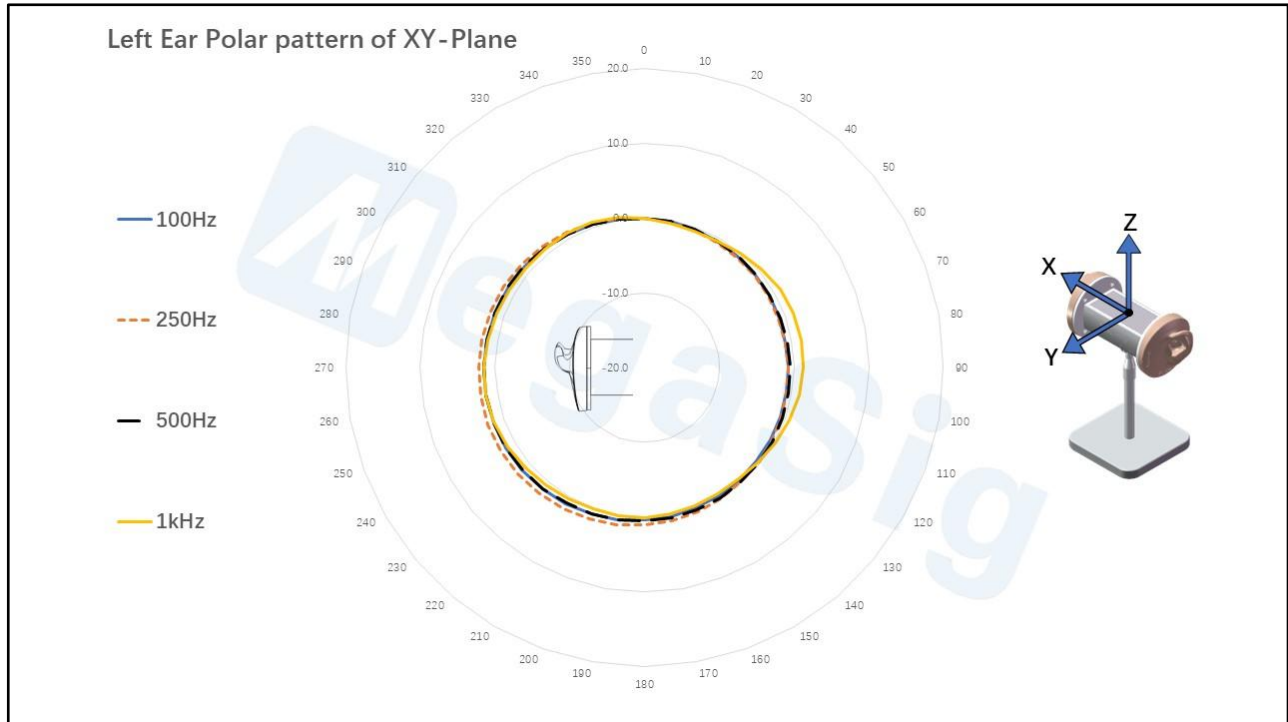
Signal output interface	3.5mm interface, four core interface
Output power	100mW@32Ω
Power supply interface	Type C
Power supply	5W
Threaded connection port	1/4 inch thread
Product size (single product)	195*95*95 (mm)
Weight (single product)	730g

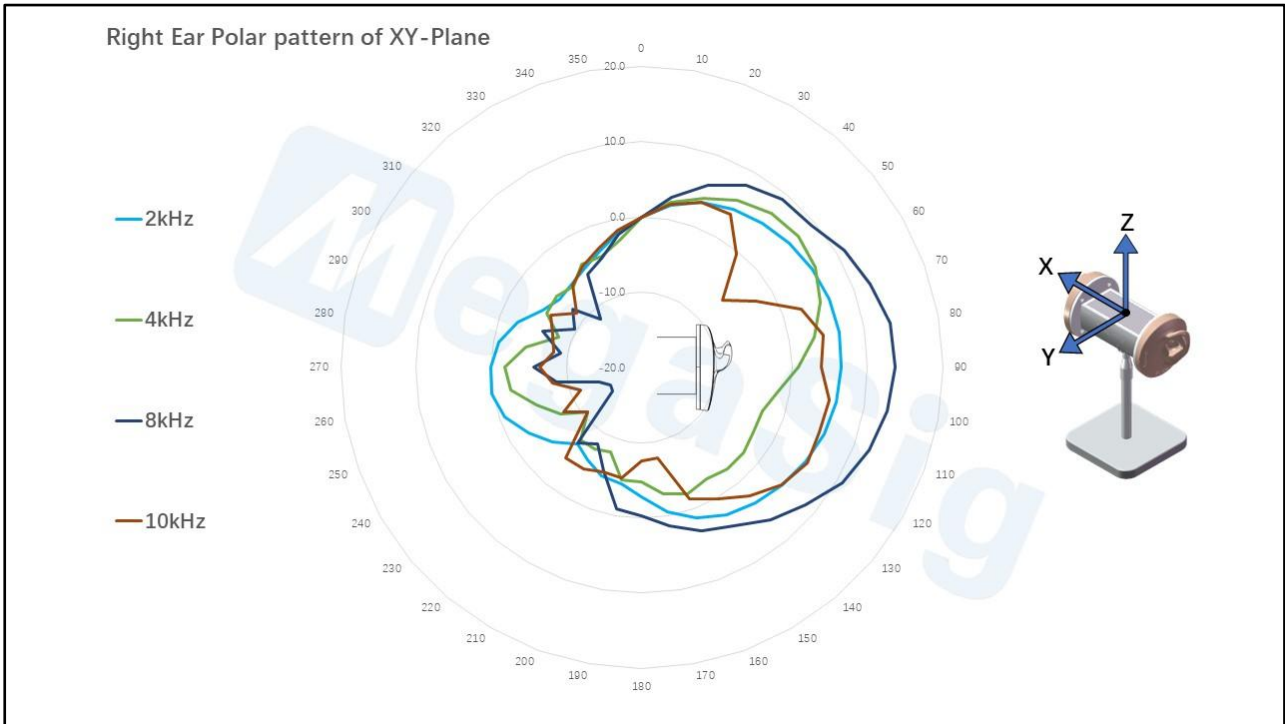
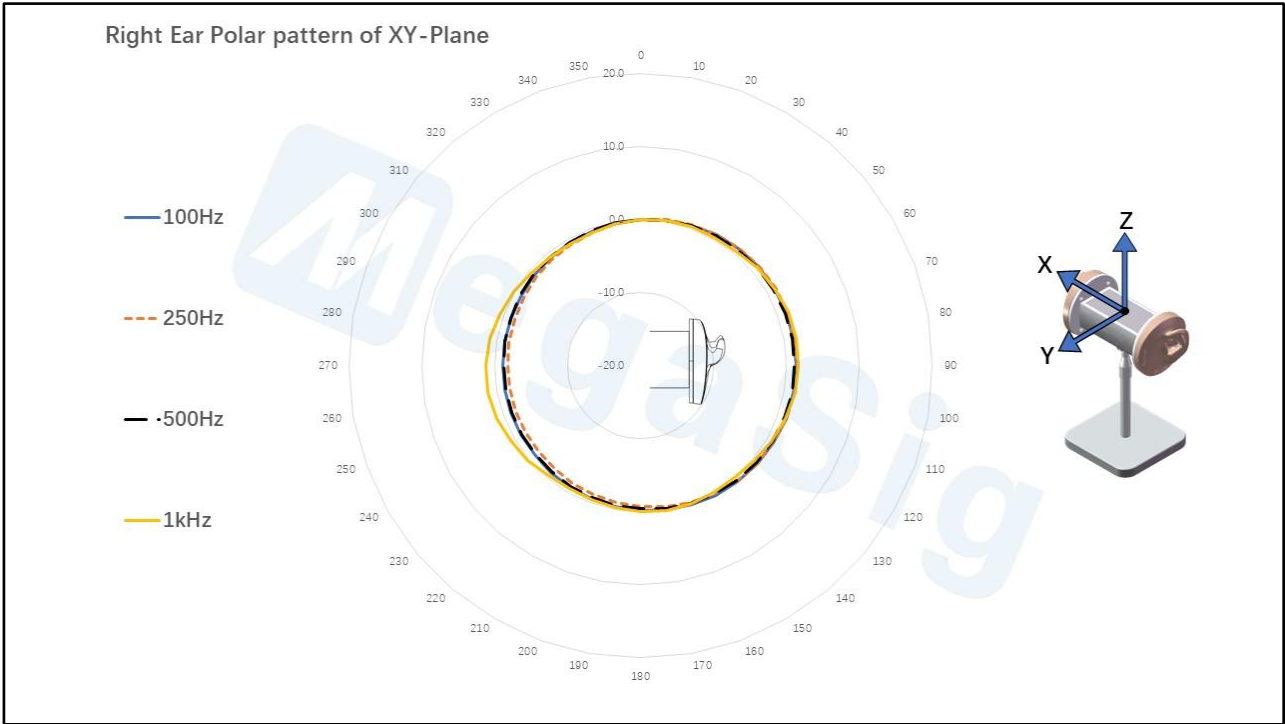
Specifications of Each Type

	PR 02	PR 03
THD@1KHz	< 3% at 125dB	< 3% at 110dB
SNR	66dB	76dB

Frequency Range	20Hz-20kHz	20Hz-20kHz
Sensitivity mV/Pa(dBV/Pa)	10mV/Pa (-40.0dB $\pm$ 3dB) re 1V/Pa	31.6mV/Pa (-30.0dB $\pm$ 3dB) re 1V/Pa
Application Example	Audiphone	Bluetooth headset , Wired headset , ASMR Record

Correlation Curve





Product Picture



Product List

Main part			
Serial number	Product picture	Contents	Quantity
990055-02		PR 02 (Including ER 66L and ER 66R ears)	1
		Round/square base bracket	1
		3.5mm audio cable * 1m	1
		Charging cable	1
		Double end 1/4-20 UNC threaded connection (adjustable)	1
		Double end 1/4-20 UNC threaded connection (Non adjustable)	1
		1/4-20 UNC thread extension	2
990055-03		PR 03 (Including ER 66L and ER 66R ears)	1
		Round/square base bracket	1
		3.5mm audio cable * 1m	1
		Charging cable	1
		Double end 1/4-20 UNC threaded connection (adjustable)	1
		Double end 1/4-20 UNC threaded connection (Non adjustable)	1
		1/4-20 UNC thread extension	2

Multiple signal cable			
Serial number	Product picture	Contents	Quantity
720004-06		Three to three -M8, four core connection cable	1
720004-07		Four to four -M8, four core connection cable	1
720004-08		Five to five -M8, four core connection cable	1

Switches			
Serial number	Product picture	Contents	Quantity
910023-02		PM 0095 Signal control switch box (Can support five Product same time to work.)	1