

TYPE-2128 IEC 60711 Ear Simulator

Ear Simulator TYPE-2128, complying with IEC 60711, is used to measure sound pressure and frequency characteristics of insert type earphone.

Characteristics of ear canal, eardrum, etc., are also taken into account, allowing to measure under similar condition to that with the simulator attached to human ear.

Each product is calibrated with ACO 1/2 inch pressure microphone TYPE-7013 associated with dedicated ear coupler.

TYPE-2128 is used with standard preamplifier TYPE-4028 to realize similar acoustic input impedance to that of human ear, offering really close condition to real ear.

The sound volume can be adjusted in fines, for instance, owing to careful design, precise grind and exact adjustment.

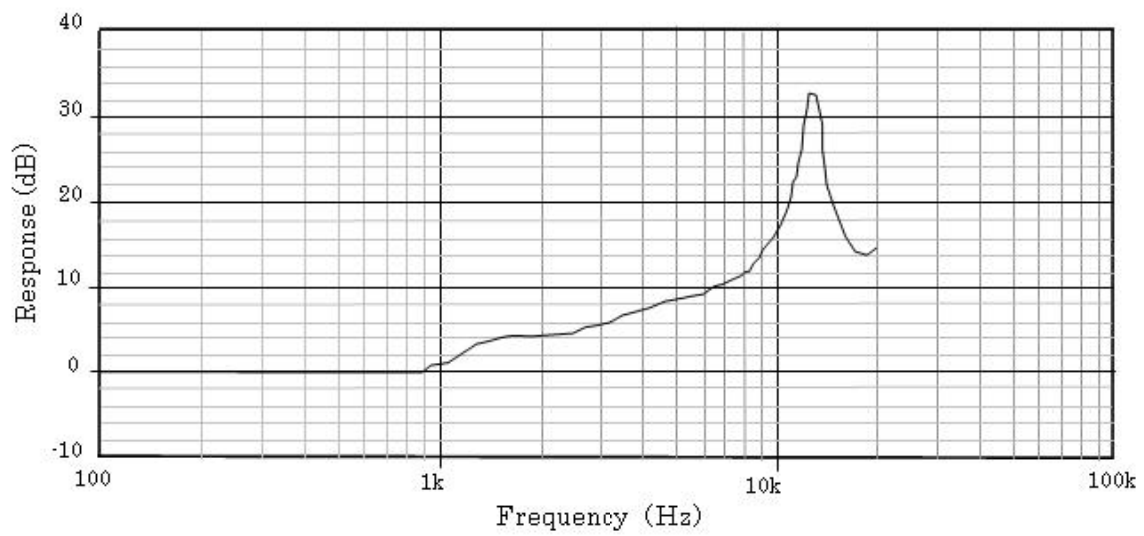
[Appearance]



[Specification]

Applicable Standard	: IEC 60711(1981) ANSI S23.5-1979
Type	: Ear Simulator TYPE2128
	Microphone TYPE7013 (built-in, sound pressure type)
Sound pressure sensitivity	: -39dB/Pa 12.6mV (included preamplifier TYPE4028)
Polarizing voltage	: 200V
Frequency characteristics	: 100Hz ~ 10kHz
Resonance frequency	: 13.8kHz±1kHz
Tolerance	: 1.28cm ³ ±0.03cm ³
Size and Weight	: φ23.77×23 (Projection 20) Approx.70g (Included microphone)
Measuring range	: 40 ~ 140dB
Preamplifier size	: TYPE4028 φ60×30(H)
Connector	: LEMO 7P (Preamplifier voltage+28V)

【Frequency characteristics】



【Preamplifier TYPE4028】 - Option



【Artificial ear TYPE2015】 - Option



【Preamplifier for dummy head system TYPE4013】 - Option

