



CA917 Low Frequency Coupler

Features:

- Frequency Response: 3.15Hz~500Hz
- Flat frequency response with THD+N<1%
- High quality 4-inch aluminum-magnesium alloy diaphragm speaker
- Suitable for 1-inch, 1/2-inch and 1/4-inch microphone
- Meet the requirement of GB/T3785.1、JJG188 和 IEC61672.1



Application:

- Measurement of sound level meter and microphone frequency response

Introduction

CA917 low frequency coupler is a sound source design for frequency response measurement of sound level meter and microphone. It meets the requirement of low frequency measurement which described in GB/T 3785.1, JJG 188 and IEC 61672.1. The frequency range can be down to 3.15Hz with less than 1% THD+N. Thanks to the professional acoustic design, the cavity resonant frequency is increase to approx. 800Hz to keeps flat response at low frequency range. 3.15Hz~100Hz flatness is 0.3dB even without calibration, above 100Hz need calibration with standard microphone.

CA917 use high quality 4-inch aluminum-magnesium alloy diaphragm speaker with internal fix in order to lower the speaker vibration. Signal input connector is BNC. Sound level meter or microphone can be easily fixed with the adjustable support. Adapter AD004 (1-inch to 1/2-inch) is include in the CA917 and AD002-1/4 (1/2-inch to 1/4-inch) is option.

Specifications

Microphone	1-inch, 1/2-inch and 1/4-inch microphone (AD002-1/4 is option)
Frequency Response	3.15Hz ~ 500Hz
Sound level	>110dB
Speaker	4-inch aluminum-magnesium alloy diaphragm
Rated Impedence	8Ω
Rated Power	15W
Max Input Voltage	1Vrms
Size (mm)	W380 x H173 x D135
Weight	3.1kg

