iDAQ2022 iPhone Special Data Acquisition Card

Features:

- Studio quality recording and playback with 24-bits AD/DA converter
- Sampling rate can be select as 44.1kHz or 48kHz
- 1/8 inch (3.5 mm) stereo mic/line input - (no phantom power is provided)
- 1/8 inch (3.5 mm) stereo headphone/line output with increased drive for headphones provides incredible sound quality
- No need to install the drivers, plug and play, supports for Windows, Mac, iOS, Android (mobile devices need to working at Host mode)
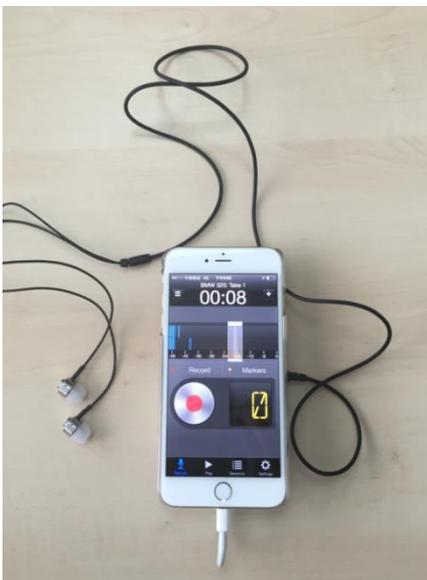- Compact structure and strong aluminum shell, professional waterproof packing box

Application:

- Noise recording and playback
- Time domain analysis and frequency domain analysis of noise signal
- Sound level meter feature can be used to test environment noise parameters such as sound pressure level

Introduction

The iDAQ2022 is a portable USB audio instrument. It can connect to PC, Mac and mobile devices through USB and make high-quality AD/DA conversion. iDAQ2022 has 3.5 mm stereo microphone interface and 3.5 mm headphone jack. It's available for most of the third-party recording APP for single channel and dual channel recording, such as FourTrack, Field Recorder, etc. IDQ2022 also can be used with i3DMic Pro360 or Pro750 to form BR2022 or BR3022 binaural recording system.

BR2022

BR3022

Product Brief

Specifications

INPUT	
Input Interface	1/8" (3.5mm) stereo unbalanced input
Recording Rates	44.1k or 48k depending on the APP settings
Frequency Response	20Hz ~ 20kHz (+0.1/-0.6dB)
Maximum Input Voltage	6Vrms
Noise Level (RMS, A-weighted)	-96dB
Dynamic Range (RMS, A-weighted)	96dB
THD+N (-3dBFS)	0.05%
Stereo Crosstalk (1kHz)	-60dB
OUTPUT	
Output Interface	1/8" (3.5mm) stereo unbalanced output
Maximum Output Voltage (into 32ohm)	1Vrms (63mW)
Frequency Response	20Hz ~ 20kHz (+0.2/-0.4dB)
Noise Level (RMS, A-weighted)	-97dB
Dynamic Range (RMS, A-weighted)	96dB
THD (600mVrms into 10kohms):	0.0020% (-94dB)
THD (0dBV into 10kohms):	0.0036% (-89dB)
THD (0dBV into 32ohms):	0.026%
Stereo Crosstalk (100Hz to 10kHz):	-88dB
Device Connection	USB-A
Size (mm)	59x70x12.5
Weight	Approx. 46 g (main device only)

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