



AudioConnect 4x4™

USB Controlled High Precision Audio Test Interface



AudioConnect 4x4

Introduction

AudioConnect 4x4™ is a high accuracy 4-in, 4-out audio interface specifically designed for audio test and measurement. It offers digital and analog audio in and out at standard sampling rates up to 192kHz, and a high signal to noise ratio and wide frequency response, making it suitable for the most demanding measurement applications. Controls are simple – a single USB connection and a power indicator – all other typical audio interface controls that are not used for audio test applications have been eliminated to make operation and calibration simple with no room for error. AudioConnect 4x4 is supplied fully calibrated.

Feature Overview

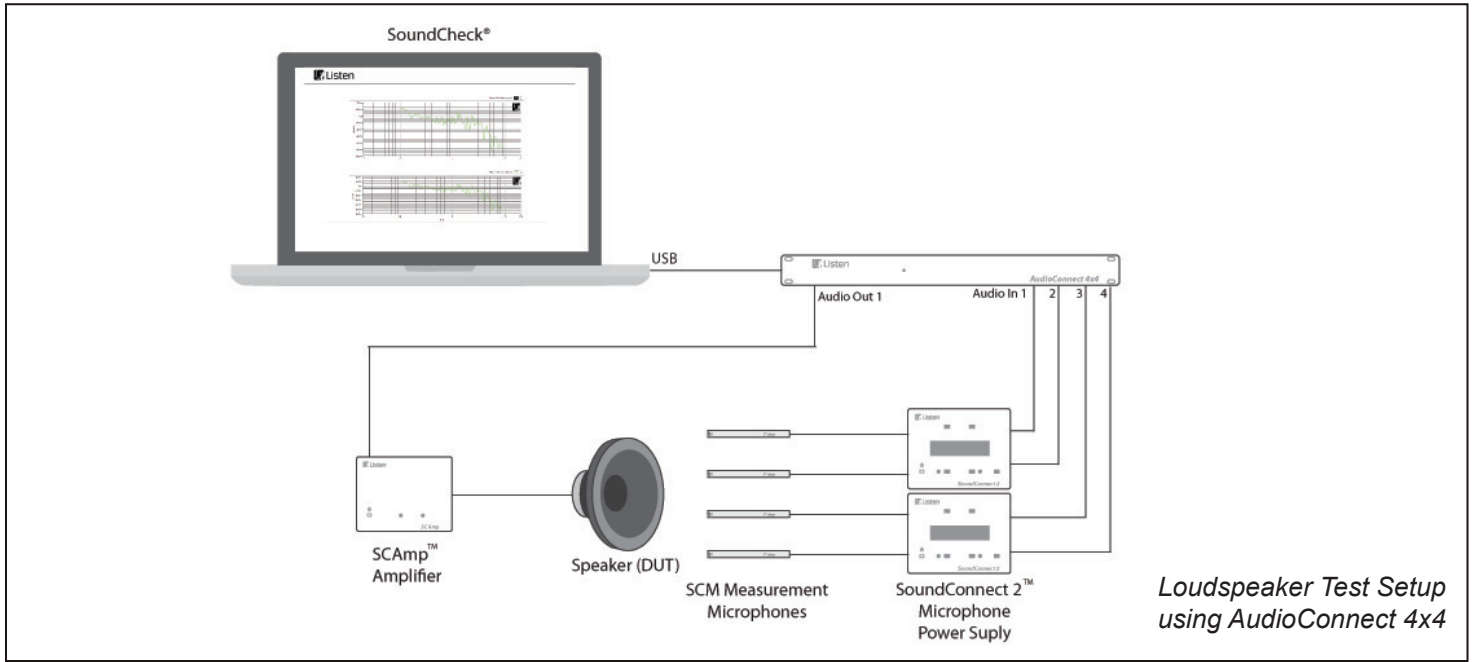
- High signal to noise ratio and wide frequency response for demanding applications
- Digital and analog audio in and out
- USB Control
- All other settings eliminated for ease of use
- Compact, rugged and rack-mountable
- Excellent value



AudioConnect 4x4 Front and Rear Views

AudioConnect 4x4™ (cont.)

Setup Diagram



Specifications

Analog I/O

Number: 4 inputs, 4 outputs
 Type: Balanced or unbalanced
 Level: 11 Vp In / 11 Vp Out
 Input Impedance: Balanced: 24k Ω ; Unbalanced: 12 k Ω
 Output Impedance: Balanced: 100 Ω ; Unbalanced: 50 Ω
 Output Drive: 600 Ω impedance; 0.2 μ F capacitance
 A/D and D/A Type: 24-bit multi-level, delta-sigma

Analog In Performance

Frequency Response: 20Hz-20kHz, +0/-0.1dB
 Dynamic Range: 117dB, A-weighted
 Channel Crosstalk: -120 dB max., 1 kHz signal, -1 dBFS
 THD / THD+N: -107 dB (0.00045%) @ -1 dBFS; -106 dB (0.00050%) @ -6 dBFS; 1 kHz signal, 22 Hz – 22 kHz BW

Analog Out Performance

Frequency Response: 20 Hz – 20 kHz, +0/-0.1 dB
 Dynamic Range: 117 dB, A-weighted
 Channel Crosstalk: -120 dB max., 1 kHz signal, -1 dBFS
 THD/THD+N: THD+N: -107 dB (0.00045%) @ -1 dBFS; -106 dB (0.00050%) @ -6 dBFS; 1 kHz signal, 22 Hz – 22 kHz BW

Digital I/O

Number: 4 inputs, 4 outputs
 Type: 24 bit AES/EBU format
 Sample rates: All standard rates and variable rates up to 192 kHz
 Digital I/O port connections: 25-pin female D-sub connectors. Yamaha pinout
 Analog I/O port connections: 25-pin female D-sub connectors. Tascam pinout.

Physical

Dimensions: 1.75" H x 19" W x 9" D
 Weight: 4kg / 8.8lbs
 AC Power: 110 / 115 / 230 VAC, 70 watts
 Certifications: CE and FCC Class B EMI, CE Product Safety

Please check out our hardware compatibility list which outlines the compatibility of each interface with various computer operating systems before making your selection, and don't hesitate to contact one of our sales engineers for help selecting the best audio interface for your application and budget.

NOTE: Specifications are subject to change. Please contact Listen for current information or questions.