

AD2433搭載で低価格なUSB接続のA²Bメイン/サブ・ノードエミュレータです。DSPなどのプログラムが不要なのですぐに使えてとても便利です。

Pocket A²B Bridge™

A2Bバスシステムの開発とテストのための究極に便利なA2Bコントローラツール

USB経由でA2Bバスのディスカバリやセットアップを自動制御したり、A2Bのメイン/サブノードをエミュレートできます。A2Bのバス構成を検出したり、テストのためにサブノードをエミュレートできます。録音、分析、再生のために任意のオーディオチャンネルを簡単にルーティングできます。

お問い合わせは 立野電脳(株) sales@dsp-tdi.com



Features



開発効率をUPする優れた機能

- Flexible cross-bar audio channel routing
- Built in signal generators and peak level detectors
- Bit perfect audio / A2B conversion
- MicroSD for WAV file record or playback



動作設定が簡潔で使いやすい

- Built in command line interface over Terminal Emulator (Tera Term)
- Integrate with Digital Audio Workstation (DAW) programs, like Audacity and Reaper
- Option for fully autonomous start up



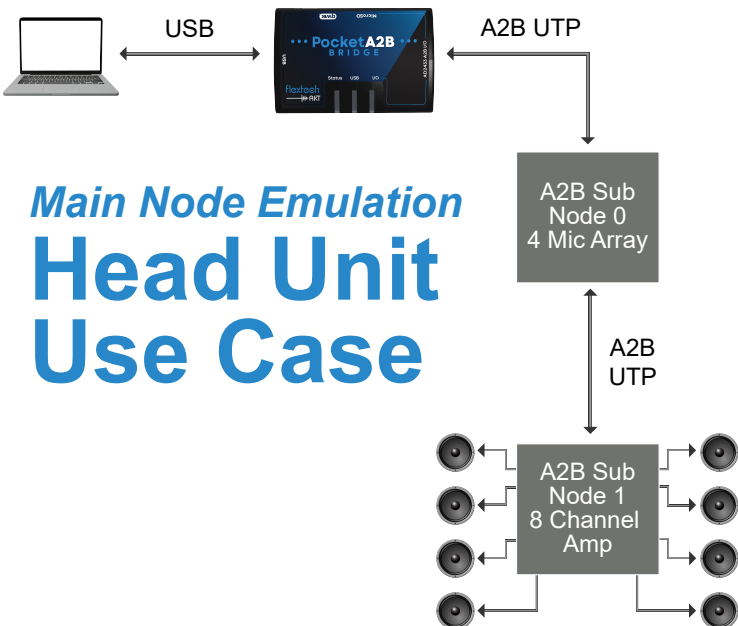
サポート

- One-time purchase
- Firmware updates
- Detailed Quick-Start User Guide
- One year warranty
- Flextechakt.com
- dsp-tdi.com



USB Bus Power 動作

- Portable
- No extra power adapters needed
- Small, light-weight
- Status LEDs



Applications

A2B Node Emulation & Audio Routing for Testing Infotainment and Audio Systems

Head Unit (m)	ANC Systems (m/s)	Voice Assistants (s)
RNC Systems (m/s)	E-Call A2B (s)	Remote Tuners (s)
Amplifier (s)	Accelerometer (s)	A2B Microphones (s)

(m): Main A2B Node Emulation (s): Sub A2B Node Emulation

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flextech
— AIKT

Pocket A²B Bridge

Specifications

Software

Built in command line interface over Terminal Emulator (Tera Term) for easy set up

Available advanced automation LUA Scripting License to automate start up, test configuration, self boot

Command and Control API to support test platform level integration via Python, C, C++

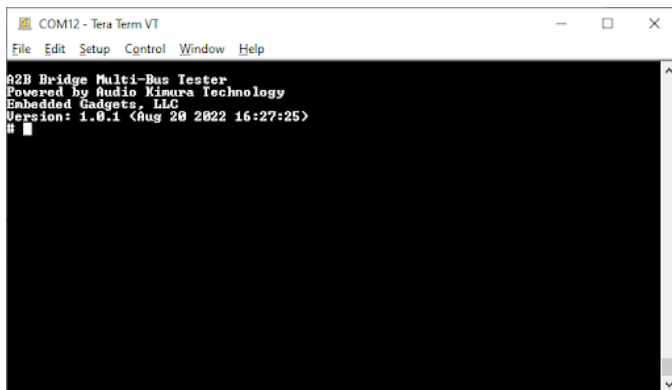
Graphical VU meters monitor and display Audio channels

Route and play audio channels to:

- Any A2B audio channel
- Signal generators between nodes
- USB channels on PC for recording, analysis and playback from any DAW program

Operating Systems Supported (32-bit and 64-bit)

- Windows 10, 11
- Linux: Ubuntu 22.04



Tera Term

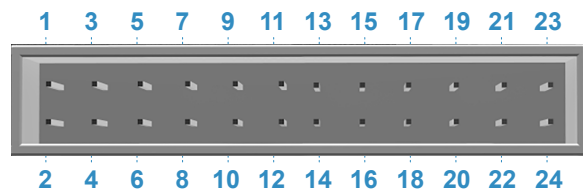
Hardware

Pocket Bridge with Standard USB UAC 2.0 Interface

Cross-Over Board with DuraClick sockets for direct connect to ADI Evaluation boards

24 PIN I/O Connector Harness with A2B and 2 GPIO lines

Pocket Bridge I/O Header JST 24B-PHDSS



For more details on Pin Out see User Guide

DC Characteristics

Target Power: USB +5V, mA max

GPIO Signal: 3.3V, 10 mA

Dimensions (W x D x L)

68 x 43 x 25 mm (2.7" x 1.8 x 1")

Weight

64 g (0.14 lbs)

Operating Temperature

0° C to 70° C (32° C to 158° F)

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Pocket A2B Bridge

Part Number AKT-1000-B(L)

AD2433 Transceiver

L = Optional LUA Scripting License

Country of Origin USA

HTS 8473.30.1180

ECCN EAR99

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