Product brief

POLARIS™ evaluation kit

A user-friendly MEMS microphone evaluation and recording solution for Windows and MacOS devices. Connect with USB-C and start recording within minutes - no soldering or specialised tools required.



Kit features

- Compatible with Windows, MacOS, RPi OS and Ubuntu Linux devices
- Complete evaluation and streaming solution for sensiBel TDM MEMS microphones
- TDM8 array with timeslot configuration
- Circular array arrangement for high performance beamforming
- TDM to USB audio capture of 8 high quality audio streams
- LED indicators for power and clock status
- Powered through USB interface- no power adapter required

Specifications

- USB Audio Class 2.0 device
- 24–bit audio
- 44.1kHz and 48kHz sample rates

Kit contents

- sensiBel TDM microphones on Flex
- POLARIS™ Eval kit stack up: Mic interface board + I2S to USB board
- USB-A to USB-C cable
- USB-C to USB-C cable
- Quick start guide card

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