HEAD acoustics

DATA SHEET

coreBT2LE

labCORE I/O Module, Bluetooth Reference Access Point Version 2, Base for Low Energy Audio (LC3)

Code 7787

coreBT2LE is the base for the hardware platform labCORE to become a reference access point for Bluetooth® Low Energy applications such as Auracast™ broadcast audio. labCORE requires further extensions – such as coreBT2LE-Auracast – for allowing acoustic and electrical measurements of devices for speech – and audio transmission via Bluetooth Low Energy. The applied audio codec for the signal transmission is LC3. It operates at low latency, low computational complexity and has a low memory footprint. labCORE uses the supplied USB transceiver to connect to appropriate devices as well as exchanging signals. Positioning of the transceiver is flexible due to the provided ten meter extension cable.

OVERVIEW

KEY FEATURES

- Basic equipment for making *lab*CORE a Bluetooth reference access point to apply Bluetooth Low Energy Audio
- Future proof Bluetooth Low Energy technology
- Quick & easy setup for existing *lab*CORE units

APPLICATIONS

- Base for performing electrical & acoustic measurements of capable devices for Bluetooth Low Energy technologies such as Auracast™ broadcast audio

DETAILS

REQUIREMENTS

Hardware

*lab*CORE (Code 7700)

- ACQUA*lab* modular multi-channel hardware platform for speech & audio quality testing

Software

One of the following HEAD acoustics Software:
ACQUA (Code 6810)

- Advanced Communication Quality Analysis Software, Full-license version (Version 6.0.100 or newer)

or
ACQUA Compact (Code 6860)

- Version 6.0.100 or newer

or
RC-labCORE (Code 6984)

- Version 2.0.200 or newer

SCOPE OF DELIVERY

*core*BT2LE (Code 7787)

- Software stack (embedded in *lab*CORE firmware)
- CBA V (Code 6603), Bluetooth transceiver for *lab*CORE module *core*BT2LE (USB-based)
- CUU III.10 (Code 6114-10), Cable extension USB < > USB, Type-A, 10 m

Contact Information

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