

WIDI CORE

USER MANUAL V01

Hello, thank you for purchasing CME's professional products!

Please read this manual completely before using this product. The pictures in the manual are for illustration purposes only, the actual product may vary. For more technical support content and videos, please visit this page: www.cme-pro.com/widi-core/

IMPORTANT NOTES

- **Warning**

Improper connection may result in damage to the device.

- **Copyright**

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- **Limited Warranty**

CME provides a one-year standard Limited Warranty for this product only to the person or entity that originally purchased this product from an authorized dealer or distributor of CME. The warranty period starts on the date of purchase of this product. CME warrants the included hardware against defects in workmanship and materials during the warranty period. CME does not warrant

against normal wear and tear, nor damage caused by accident or abuse of the purchased product. CME is not responsible for any damage or data loss caused by improper operation of the equipment. You are required to provide proof of purchase as a condition of receiving warranty service. Your delivery or sales receipt, showing the date of purchase of this product, is your proof of purchase. To obtain service, call or visit the authorized dealer or distributor of CME where you purchased this product. CME will fulfill the warranty obligations according to local consumer laws.

● **Safety Information**

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, damages, fire, or other hazards. These precautions include, but are not limited to, the following:

- Do not connect the instrument during thunder.
- Do not set up the cord or outlet to a humid place unless the outlet is specially designed for humid places.
- If the instrument needs to be powered by AC, do not touch the bare part of the cord or the connector when the power cord is connected to the AC outlet.
- Always follow the instructions carefully when setting up the instrument.
- Do not expose the instrument to rain or moisture, to avoid fire and/or electrical shock.
- Keep the instrument away from electrical interface sources, such as fluorescent light and electrical motors.
- Keep the instrument away from dust, heat, and vibration.
- Do not expose the instrument to sunlight.
- Do not place heavy objects on the instrument; do not place containers with liquid on the instrument.
- Do not touch the connectors with wet hands

INTRODUCTION

CME-WIDI-Core / X / XN is a smart (BLE) breakout board that implements MIDI over Bluetooth Low Energy functionality. The breakout board can be used in any existing MIDI equipment that features MIDI I/O. It works natively with Apple iOS, MacOS, Windows and Android, when used as a MIDI peripheral. It is also able to play a central role to connect to any BLE MIDI third parties' peripherals, such as Roland AX Edge, Korg MicroKey Air, Roli Seaboard, CME Xkey Air, Jamstik+ Guitar, and all other existing BLE MIDI peripherals. Please download the [datasheet](#) for more information.

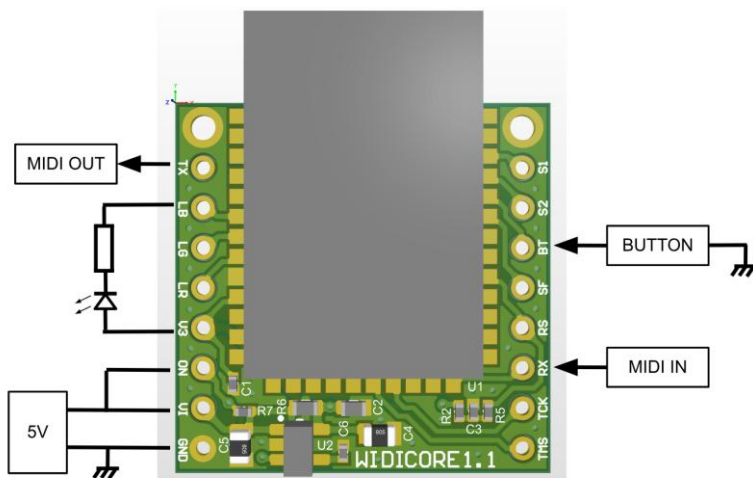
SPECIFICATIONS:

Technology	Bluetooth 5 (Bluetooth Low Energy MIDI), bi-directional 16 MIDI channels
Compatible devices	WIDI Master, WIDI Jack, WIDI Uhost, WIDI Bud Pro, WIDI Core, WIDI BUD, standard Bluetooth MIDI controller. Mac/iPhone/iPad/iPod Touch/Vision Pro, Windows 10/11 computer, Android mobile device (all with Bluetooth Low Energy 4.0 or higher)
Compatible OS (BLE MIDI)	macOS Yosemite or higher, iOS 8 or higher, Windows 10/11 or higher, Android 8 or higher
Wireless transmission Latency	As low as 3 ms (Test results of two WIDI COREs based on Bluetooth 5 connection)

Range	20 meters / 65.6 feet (without obstruction)
Firmware upgrades	Wireless upgrade via Bluetooth using the WIDI App for iOS or Android
Weight	4.4 g / 0.16 oz

Specifications are subject to change without notice.

TYPICAL APPLICATION



CONTACT

Email: info@cme-pro.com

Website: <http://www.cme-pro.com/support/>

COMPLIANCE

FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Contains MIC : 211-240611

Contains IC : 25657-BLEM205

Contains FCC ID : 2ABRUBDLEM205



211-240611

