



# Connected Infotainment Box / ConneCtivity Unit 3 CIBCCU3

Generic Information

Date: 2024-12-16

FINAL Version for FCC and IC certifications

# History

| Version     | Date       | Author            | Remarks                                                                                                                          |
|-------------|------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Final Draft | 2024-06-17 | Dr. Marion Grüner |                                                                                                                                  |
| Final Draft | 2024-09-04 | Dr. Marion Grüner | Adaptation about the review comments from Mr. Donrongovski (CETECOM advanced) especially for FCC, IC and Japanese certifications |
| Final Draft | 2024-10-16 | Dr. Marion Grüner | Adaptation for the customer "KTM"                                                                                                |
| Draft       | 2024-12-16 | Dr. Marion Grüner | User Manual is divided into different parts and will be used only for FCC and IC certifications.                                 |
|             |            |                   |                                                                                                                                  |
|             |            |                   |                                                                                                                                  |
|             |            |                   |                                                                                                                                  |

# Connected Infotainment Box

## General



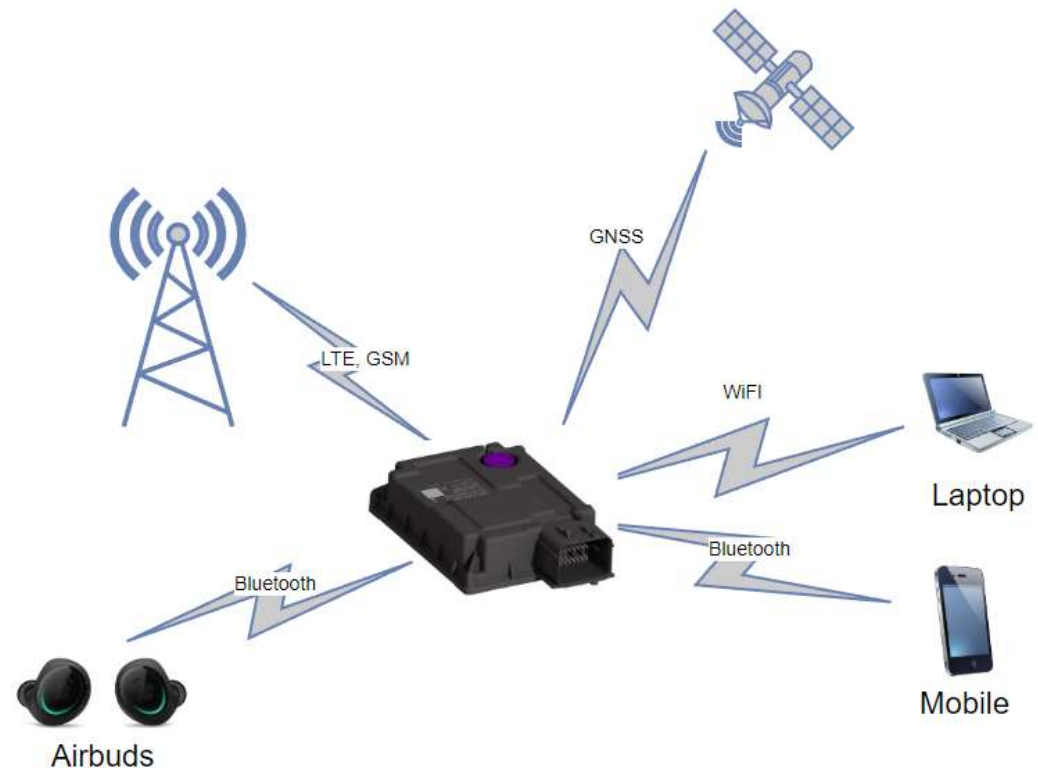
Example of CIBCCU3

- › Will be used for vehicle e.g. motorbikes, quads or off-road vehicles
- › Installation location:
  - in the non-metallized, carbon-free side panel of a motorcycle
  - above the tank
  - within the rear panel of a motorcycle
- › Length: 115,0mm (without connector)
- › Width: 89,0mm
- › High: 31,6mm
- › Supplier: Continental Automotive Technologies GmbH
- › Model name:
  - CIBCCU3

# Connected Infotainment Box

## Features and Functions

- › CIB is a device that is physically connected via CAN line of the vehicle and via BroadR-Reach to the instrument cluster.
- › Further allows the integrated Bluetooth and WiFi module the connectivity to other external devices e.g. smart phone, 3<sup>rd</sup> party sensor and headsets. These can be controlled by the CIB.
- › It contains Android OS.
- › It contains further a cellular module with integrated eSIM.
- › It is the most important module which is in the powered 2-wheeler vehicle in terms of connected vehicle technology



# Connected Infotainment Box

## Variants

| Variant | Variant Name | Remark                         | Customer PN  | Cellular Modem | Conti Part Number | Release SW |
|---------|--------------|--------------------------------|--------------|----------------|-------------------|------------|
| CIBCCU3 | EA           | European, Asian and RoW Market | T02414086000 | SIM8918EA      | AAA2339010000     | Android 12 |
| CIBCCU3 | NA           | North America Market           | T02414186000 | SIM8918NA      | AAA2339020000     | Android 12 |
| CIBCCU3 | JP           | Japanese Market                | T02414286000 | SIM8918JP      | AAA2339030000     | Android 12 |

Note: For all modules the same eSIM will be used.

# Connected Infotainment Box

## Variants - NA

| Operating Bands | Frequency [MHz] | Max Gain [dBi] | Operating Bands | Frequency [MHz] | Max Gain [dBi] |
|-----------------|-----------------|----------------|-----------------|-----------------|----------------|
| Band 2          | 1850            | +1.1           | Band 14         | 788             | +1.4           |
|                 | 1880            | +1.5           |                 | 793             | +1.5           |
|                 | 1910            | +1.9           |                 | 798             | +1.5           |
| Band 4          | 1710            | +1.7           | Band 17         | 704             | +1.7           |
|                 | 1732.5          | +1.8           |                 | 710             | +1.6           |
|                 | 1755            | +2.2           |                 | 716             | +2.0           |
| Band 5          | 824             | +1.7           | Band 25         | 1850            | +1.1           |
|                 | 836.5           | +2.2           |                 | 1882.5          | +1.5           |
|                 | 849             | +2.5           |                 | 1915            | +1.8           |
| Band 7          | 2500            | +2.5           | Band 26         | 814             | +1.0           |
|                 | 2535            | +3.0           |                 | 831.5           | +2.0           |
|                 | 2570            | +2.9           |                 | 849             | +2.5           |
| Band 12         | 698             | +1.5           | Band 41         | 2496            | +2.5           |
|                 | 707             | +1.7           |                 | 2690            | +1.3           |
|                 | 716             | +2.0           | Band 66         | 1710            | +1.7           |
| Band 13         | 777             | +1.3           |                 | 1745            | +1.9           |
|                 | 782             | +1.3           |                 | 1780            | +1.8           |
|                 | 787             | +1.4           |                 |                 |                |

## Connected Infotainment Box

### Manufacturing Address – Warranty claims

In case the TCUs are damaged or require warranty analysis, the TCUs shall be sent back to manufacturer address – Continental Automotive Technologies GmbH - Villingen the following address:

Continental Automotive Technologies GmbH  
Attn. Volker Heppler  
Heinrich-Hertz-Str. 45  
78052 Villingen-Schwenningen

# REGULATORY COMPLIANCE STATEMENTS

## FCC

Model: CIBCCU3

FCC ID: 2AJW5CIBCCU3

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



# REGULATORY COMPLIANCE STATEMENTS

## Canada

Model: CIBCCU3

IC: 21979-CIBCCU3

This device complies with Industry Canada license-exempt RSS standard(s).

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage,  
et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

# REGULATORY COMPLIANCE STATEMENTS

## Canada

Model: CIBCCU3

IC: 21979-CIBCCU3

### Manual Requirements according 15.21

The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **NOTICE:**

*Changes or modifications made to this equipment not expressly approved by **Continental Automotive Technologies GmbH** may void the FCC authorization to operate this equipment.*

### *Note:*

*The 5GHz WLAN will be de-activated for Canada.*