

UCC (Unified Cockpit Controller) User Manual

Lucid USA, Inc. September 26, 2024

The UCC (Unified Cockpit Controller), P11-K2C000 is manufactured by USI Corporation for Lucid USA, Inc (aka Lucid Motors) and provides wireless connectivity to the interior of the vehicle for the infotainment systems.

The UCC is installed in the vehicle during manufacturing by a qualified operator as a fully pre-configured device and starts working as soon as the power is tuned on. The device is completely hidden from the vehicle user and does not require any additional configuration.

The frequencies and power levels for the WiFi and Bluetooth are determined by the country code set during manufacturing based upon the destination country of the vehicle. This country code is stored in non-volatile memory during manufacturing and cannot be altered by the user or service technician.

The frequency band 5600-5650 MHz is disabled in Canada. The software on the UCC will disable any transmission in this band when the destination country of the vehicle is set to Canada.

The UCC can be accessed for repair and maintenance purposes only by a qualified technical service personnel.

Changes or modifications made to this equipment not expressly approved by Lucid Motors, Inc. may void the FCC and IC authorization to operate this equipment.

FCC Interference Statement

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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of **20cm** between the radiator and your body.

IC Antenna Statement

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

IC Licence exempt

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

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

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.

IC Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20cm entre le radiateur et votre corps.

CE Warning

This equipment should be installed and operated with minimum distance between 20cm radiator and human body.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

Contacts information for regulatory/importer/manufacture:

Regulatory/Manufacturer contact info:

Lucid USA, Inc

Lucid Motors, Inc 7373 Gateway Blvd, Newark, California 94560, United States

Importer contact info:

a) Lucid Netherlands B.V.

Amsteldijk 166 Fifth Floor, Amsterdam, NH 1079 LH Netherlands

b) Lucid Germany GmbH

Eschersheimer Landstrasse 14, 60322 Frankfurt am Main, Germany

c) Lucid Norway AS

Munkedamsveien 59B 0270 Oslo, Norway

d) Lucid Switzerland AG

c/o Intertrust (Suisse) SA Zweigniederlassung, Zurich, Limmatquai 72 8001 Zurich

RF Exposure Information

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure. This equipment should be installed and operated to ensure a minimum of 20 cm spacing to any person at all times.

Important notice:

Equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna.

Radio operating frequency and maximum output power:

USA:

BT 2.4G (2400 to 2483.5 MHz)	≤15.3 dBm e.i.r.p
WiFi 5G (5150MHz ~ 5250MHz)	≤20.7 dBm e.i.r.p
WiFi 5G (5725MHz ~ 5850MHz)	≤19.5 dBm e.i.r.p

Canada:

BT 2.4G (2400 to 2483.5 MHz)	≤15.3 dBm e.i.r.p
WiFi 5G (5150MHz ~ 5250MHz)	≤9.5 dBm e.i.r.p
WiFi 5G (5725MHz ~ 5850MHz)	≤19.5 dBm e.i.r.p

EU:

BT 2.4G (2400 to 2483.5 MHz)	≤12.6 dBm e.i.r.p
WiFi 5G (5150MHz ~ 5250MHz)	≤16 dBm e.i.r.p
WiFi 5G (5725MHz ~ 5850MHz)	≤14 dBm e.i.r.p