



## clover Mini POS System and Credit Card Machine User Guide

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Mini  
Quick Start Guide  
[clover.com/help](https://clover.com/help)





**Plug in last, to a grounded AC power outlet.**

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**Patent**

[clover.com/patents](https://clover.com/patents)

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**EU Declaration of Conformity**

Hereby, Clover Network, Inc. declares that the radio equipment type, C302E is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

[eu.clover.com/eu-compliance](http://eu.clover.com/eu-compliance)

The frequency band and the maximum transmitted power in the EU are listed below:

2400MHz – 2483.5MHz: 19.5 dBm (EIRP)

5150MHz – 5250MHz: 20.5 dBm (EIRP)

5250MHz – 5350MHz: 26 dBm (EIRP)

5470MHz – 5725MHz: 26.5 dBm (EIRP)

The following LTE band power is only for C302E (Europe LTE)

LTE Band 3: 23 dBm (conducted)

LTE Band 7: 23 dBm (conducted)

LTE Band 20: 22.5 dBm (conducted)

NFC (13.56MHz): -11.33 dBμA/m (@10m)

LTE band power is not applicable to C302E (Europe Wi-Fi)

5150MHz-5350MHz is for indoor use only.

### **Caution: Exposure to Radio Frequency Radiation**

This equipment complies with EU 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 & your body.

### **Clover Mini (2nd generation)**

Model Number: C302U (the United States and Canada LTE)

FCC ID: HFS-C302U

IC: 1787B-C302U

Model Number: C302U (the United States and Canada Wi-Fi)

FCC ID: HFS-C302W

IC: 1787B-C302W

HVIN: C302W

Model Number: C302L (Argentina)

CNC ID: C-22360

Model Number: C302E (Europe LTE)

Model Number: C302E (Europe Wi-Fi)

The FCC ID & IC certificates are not applicable to C302E and C302L



### **Waste Electrical and Electronic Equipment-WEEE**

**NOTE:** This product is covered as electronic equipment under the European Union's Waste from Electrical and Electronic Equipment ("WEEE") Directive (2012/19/EU). The WEEE Directive requires that covered equipment be collected and managed separately from typical household waste in all EU member states. Please follow the guidance of your local environmental authority or ask the shop where you purchased the product for collection or recycling options.

### **FCC Part 15**

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 Part 15 Class B-specific**

**Note:** 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.

#### **FCC Part 15 Class B-specific**

**Note:** 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.

#### **FCC Warning**

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

#### **FCC exposure limit compliance statement (SAR statement)**

This equipment complies with radio frequency (RF) exposure limits adopted by the Federal Communications Commission for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body.

#### **Innovation, Science and Economic Development Canada (ISED) statement: CAN ICES-3 (B)/NMB-3(B)**

This device complies with ISED's license-exempt RSS. 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.

The device could automatically discontinue transmission in case of the absence of information to transmit or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

- The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- The maximum antenna gain permitted for devices in the bands 5250–5350 MHz and 5470–5725 MHz shall comply with the e.i.r.p. limit; and
- The maximum antenna gain permitted for devices in the band 5725–5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

In addition, high-power radars are allocated as primary users (i.e. priority users) of the bands 5250–5350 MHz

and 5650–5850 MHz and these radars could cause interference and/or damage to LE-LAN devices.

The device could automatically discontinue transmission in case of the absence of information to transmit or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

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**In addition, high-power radars are allocated as primary users (i.e. priority users) of the bands 5250–5350 MHz and 5650–5850 MHz and these radars could cause interference and/or damage to LE-LAN devices.**

### **CE RF Exposure Compliance**

This device meets the EU requirements (1999/519/EC) and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

### **IMPORTANT for UK Power Adapter Cord**

If the available socket outlet is not suitable for the plug supplied with this equipment, it should be cut off and an appropriate three pin plug fitted. With alternative plugs on approved 3 amp fuse must be fitted in the plug or adaptor or in the main fuse box.

**NOTE:** The plug severed from the mains lead must be destroyed, as a plug with bared flexible cords is hazardous if engaged in a live socket outlet. In the event of replacing the plug fuse, use a 3 amp fuse approved by ASTA to



BS 1362, ie carries the mark. Always replace the fuse cover, never use plugs with the fuse cover omitted.

### **WARNING — THIS APPLIANCE MUST BE EARTHED.**

The wires in this mains lead are colored in accordance with the following code: Green-and-Yellow = Earth Blue = Neutral Brown = Live

As the color of the wiring in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows:

- The wire which is colored Green-and-Yellow must be connected to the terminal in the plug which is marked with the letter “E”, or by the earth symbol or colored Green-and-Yellow.
- The wire which is colored blue must be connected to the terminal which is marked with the letter “N” or colored Black or Blue.
- The wire which is colored brown must be connected to the terminal which is marked with the letter “L” or colored Red or Brown.

### **Documents / Resources**



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Mini, POS System and Credit Card Machine, Mini POS System and Credit Card Machine

## References

-  [Clover Help](#)
-  [POS System & Credit Card Readers | Clover](#)
-  [Clover](#)

Manuals+.