C-One²

Quick Start and Regulatory Guide

QSG 180190 A30

COPPERNIC
MOBILITY | CONNECTED DATA | ANALYTICS

| Non-Contractual Pictures |

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C-One²

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WHAT'S IN THE BOX ?

C-One² HF ASK

C-One² HF iClass | LF Prox

C-One² HF LEGIC | LF TM

C-One² LF Agrident

1. DEVICE
2. NOTICE
3. BOX
4. HANDSTRAP
5. CABLE MICRO USB | USB A
6. STYLUS
7. PLUG | EUROPE
8. POWER SUPPLY
9. TEST REPORT

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PRODUCT OVERVIEW

C-One² HF ASK

C-One² HF iClass | LF Prox

C-One² HF LEGIC | LF TM

C-One² LF Agrident

Setting up your device

CAUTION

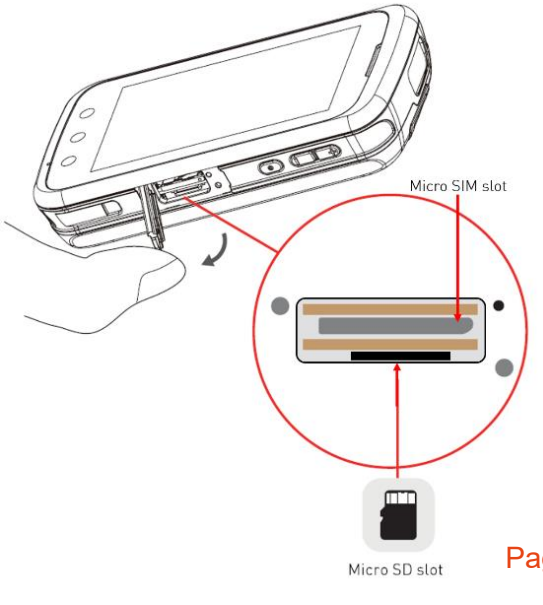
Failure to completely reseal the Micro SD | Micro SIM card slot cover may lead to water or other liquids entering the casing which may cause damage to the device.

MICRO SIM card installation

- Open Micro SD | Micro SIM door.
- To remove the Micro SIM card: Insert a removal tool (pin type) into the hole then push until the tray pops out.
- Put the Micro SIM card on the tray.
- Insert Micro SIM tray into SIM slot.
- Close the door after installation.

MICRO SD card installation

- Open Micro SD | Micro SIM door.
- Insert Micro SD card into Micro SD card slot.
- Close the door after installation.



NOTE

Micro SIM card and Micro SD card should be purchased separately.

Setting up your device

CAUTION

Do not use internal peripherals during charging process.

Please make sure the device being charged fully when using C-One² at first time.

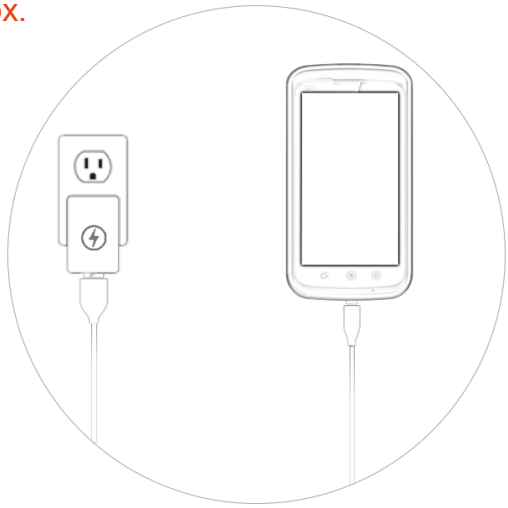
Please ensure the Micro USB port clean and dry before inserting a USB cable for charging to avoid the operating issues on the device.

Please remove water or moisture from the Micro USB port instantly with soft cloth when the device gets wet, to avoid the operating issues on the device.

Charge the BATTERY

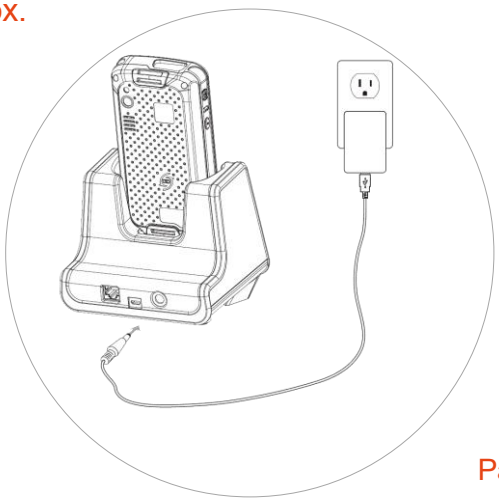
Before using the C-One² charge the battery using one of the following accessories approved by COPPERNIC:

1. Insert the micro USB cable into the C-One² and USB A cable into the power supply.
   > Cable Micro USB | USB A is included in the device box.
   > Power supply is included in the device box.



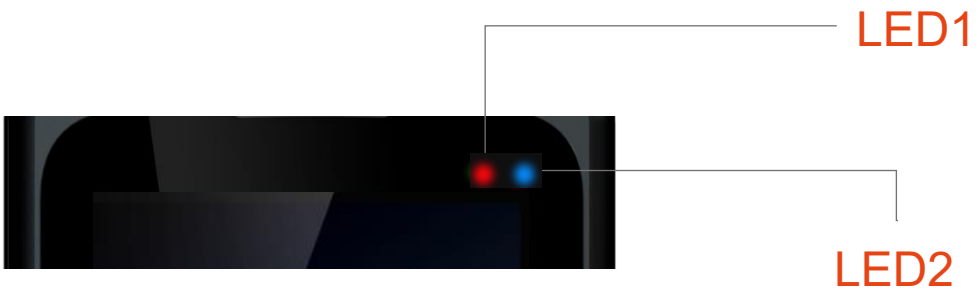
2. Insert the Jack Power Adapter into the docking station and the USB A cable into the power supply.
   > Cable USB A | Jack Power Adapter is included in the docking station box.
   > Power supply is included in the docking station box.

BACK VIEW



Setting up your device

LED indicators



☀	Red LED blinks (LED1)	Low battery
●	Red LED (LED1)	Battery is charging
●	Green LED (LED1)	Battery is fully charged
●	Blue LED blinks (LED2)	BT devices connected or receiving messages/notifications

Using your device

TURNING ON | TURNING OFF your device

Power Off | Press and hold during 5 sec. the power button and select “Power off” in the dialog box.

Reboot | Press and hold during 5 sec. the power button and select “Reboot” in the dialog window to restart the device.

Suspend Mode | Press and release the power button to place the device in suspend mode. The display will be off and go into a low power state to conserve battery power.

Reset | Press and hold the power button during 30s.

Using your device

DATA CAPTURE | photos & videos

Use the rear camera to take photos and capture video.

1. Go to Home Screen > select “Camera” > Tap camera icon or screen to take a picture/switch to video icon and tap for video recording.
2. Using the rear camera to take photos and capture video.

NOTE

Ensure device memory or extend Micro SD card space is available.

DATA CAPTURE | barcode scanner

CAUTION

Class 2 laser when open.

Do not stare into beam or view with optical instruments.

Complies with 21cfr1040.10 and 1040.11 except for deviations pursuant to laser notice no. 50, dated June 24, 2007 and IEC/EN 60825-1:2014.

NOTE

Please remove the protector film before using scanner.

Scan with the imager

- Use "barcode manager" provided by Coppernic.

Side-Key Remapping for scanning

- Go to "Settings" > Select "Remap key & Shortcut"
- Select the key (P1, P2 : blue side keys) > Tap Remap Key > Tap Barcode Scan
- The red laser aiming pattern turn on to assist in aiming, scan ready when beep
- Release the scan button.

Using your device

RFID

C-One² HF ASK - C-One² HF iClass | LF Prox - C-One² HF LEGIC | LF TM with RFID options to read, please put the TAG/CARD on the RFID

C-One² LF AGRIDENT with RFID options to read, please put the TAG/CARD on the RFID area.

OPTION
Stick LF AGRIDENT antenna

Regulatory information

CAUTION

Only use COPPERNIC approved accessories.

Operating frequencies C-One²

EUT Type	Handheld Device
Brand Name	COPPERNIC
Model Name	C-ONE²/C-ONE²(WOS)
Tx Frequency Bands (Unit: MHz)	GSM 900 : 880 ~ 915
	GSM 1800 : 1710 ~ 1785
	WCDMA Band I : 1920 ~ 1980
	WCDMA Band VIII : 880 ~ 915
	LTE Band 1 : 1920 ~ 1980
	LTE Band 3 : 1710 ~ 1785
	LTE Band 7 : 2500 ~ 2570
	LTE Band 8 : 880 ~ 915
	LTE Band 20 : 832 ~ 862
	LTE Band 28 : 703 ~ 748
	WLAN : 2412 ~ 2472, 5180 ~ 5320, 5500 ~ 5700
	Bluetooth : 2402 ~ 2480
	RFID option HF ASK: 13.56MHz RFID option LF AGRIDENT: 134.2KHz RFID option HF iClass : 13.56 MHz RFID option LF Prox : 125KHz RFID option HF LEGIC : 13.56 MHz RFID option LF TM : 125KHz
	GPS : 1575.42
Maximum AVG Conducted Power (Unit: dBm)	GSM 900 : 33.78
	GSM 1800 : 31.12
	WCDMA Band I : 23.68
	WCDMA Band VIII : 23.77
	LTE Band 1 : 24.52
	LTE Band 3 : 23.98
	LTE Band 7 : 23.97
	LTE Band 8 : 23.99
	LTE Band 20 : 23.99
	LTE Band 28 : 23.94
	802.11b : 15.83
	802.11g : 16.72
	802.11n HT20 (2.4GHz) : 16.76
	802.11n HT40 (2.4GHz) : 15.83
	802.11a : 15.13
	802.11n HT20 (5GHz) : 15.17
	802.11n HT40 (5GHz) : 15.30
	802.11ac VHT80 : 14.82
	Bluetooth : 2.36

NOTE : C-One² : Maximum reported SAR value (10g) Body: 1.71W/kg @5mm

Wireless Device Country Approval

CAUTION

Operation of the device without regulatory approval is illegal.
Regulatory markings, subject to certification, are applied to the device signifying the radio(s) are approved for use in the European countries under CE coverage.
For 2.4GHz or 5GHz products : Europe includes Austria, Belgium, Bulgaria, Czech Republic, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherland, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Country Roaming

This device incorporates the international roaming feature which will ensure the product operates on the correct channels for the particular country of use.

Ad-Hoc Operation (5GHz Band)

Ad-Hoc operation is limited to Channels 36- 48 (5150 – 5250 MHz). Use of this band is restricted to indoor use only, any other use will make the operation of this device illegal.

Warnings of Use Wireless Devices

Please observe warning notices with regard to the usage of wireless devices.

Potentially Hazardous Atmospheres – Vehicles Use

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants etc. and areas where the air contains chemicals or particles (such as grain, dust, or metal powders) and any other area where you would normally be advised to turn off your vehicle engine.

Safety in Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff.

Safety in Hospitals

Wireless devices transmit radio frequency energy and may affect medical electrical equipment. Wireless devices should be switched off whenever you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Safety Information – Europe

This device was tested for typical body-worn operation. Use only COPPERNIC tested and approved accessories to ensure EU compliance.

Laser Devices

Class 2 laser scanners use a lower power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a class 2 laser is not known to be harmful.

CAUTION

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

Power Adaptor

Use only a C-One² approved Power Adaptor with electrical ratings: Output 5VDC, min 2A, with a maximum ambient temperature of at least 45°C. Use of alternative power adaptor will invalidate any approvals given to this device and maybe dangerous.

Battery Information

Use only a COPPERNIC approved batteries.

When devices are stored over six (6) months without use, some irreversible deterioration in overall battery quality may occur. Store devices at half of full charge in a dry, cool place. When storing devices for one year or longer, the charge level of battery should be verified at least once a year and charged to half of full charge.

Battery Safety

1. The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non-commercial environment.
2. Follow battery usage, storage, and charging guidelines found in the user guide.
3. Improper battery use may result in a fire, explosion, or other hazard.
4. To charge the device battery, the battery and charger temperature must be between 0°C~+45°C.
5. Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or the hazard.
6. Do not disassemble or open, crush, bend or deform, puncture, or shred the device.
7. Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
8. Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
9. Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
10. Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.
11. Battery usage by children should be supervised.
12. Please follow local regulations to promptly dispose of used re-chargeable batteries.
13. Do not dispose of batteries in fire.
14. Seek medical advice immediately if a battery has been swallowed. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.

Frequency of WLAN Operation

The device is restricted to indoor use only when operating in the 5180 to 5240 MHz frequency range.
This device complies with Directive 2014/53/EU issued by the Commission of the European Community.

AT	BE	BG	HR	CY	CZ	DK
EE	FI	FR	DE	EL	HU	IE
IT	LV	LT	LU	MT	NL	PL
PT	RO	SK	SI	ES	SE	UK

FCC INFORMATION TO USERS

Radiation Exposure Compliance
This product complies with the FCC RF exposure limits for an uncontrolled environment.

FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT

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 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.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (I) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Statement

1. 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.
    2. This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE:

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- Reorient or relocate the receiving antenna.
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- 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.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.191W/Kg and when worn on the body, as described in this user guide, is1.068 W/Kg(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is1.068 W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of https://www.fcc.gov/oet/ea/fccid after searching on
FCC ID: XGK-C-ONE-HF-ASK Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna,

FCC Statement

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

（3）indoor use only

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

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.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna,

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Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

IC STATEMENT

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.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue.

The highest SAR value for this model phone when tested for use at the ear is 0.191/Kg and when worn on the body is 1.068/Kg. The maximum scaled SAR in hotspot mode is 1.068/Kg.This device was tested

for typical body-worn operations. To comply with RF exposurerequirements, a minimum separation distance of 10mm must be maintained between the
user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

Ce dispositif est conforme aux normes autoriser-exemptes du Canada RSS d'industrie
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.Cet équipement est conforme avec l'exposition aux radiations IC définies pour un environnement non contrôlé. L'utilisateur final doit respecter les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec une autre antenne ou transmetteur.Ces exigences définissent la valeur SAR limite à 1.6 W / kg en moyenne par gramme de tissu.La valeur SAR la plus élevée pour ce modèle de téléphone testé à l'oreille est 0.191/Kg et lorsque porté sur le corps est1.068/Kg. l'échelle maximale sar en mode hotspot est de 1.068 W kg
Cet appareil a été testé pour des opérations portés sur le corps typiques. Pour se conformer aux exigences d'exposition aux radiofréquences, une distance minimale de 10 mm doit être maintenue entre le corps de l'utilisateur et le combiné, y compris l'antenne. Les pinces de ceinture, les étuis et autres accessoires similaires utilisés par cet appareil ne doivent pas contenir de composants métalliques. Les accessoires portatifs qui ne répondent pas à ces exigences peuvent ne pas se conformer aux exigences d'exposition RF et doit être évitée.
Utilisez uniquement l'antenne fournie ou une antenne approuvée