

Product Manual for

FREEDOM MICRO® II

High Security Power Flex

(FM II Power Flex)

Merchandise Theft Deterrent System

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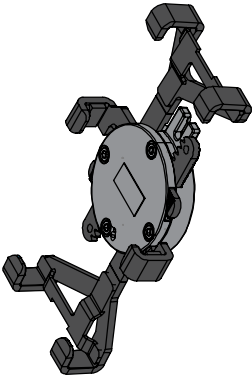
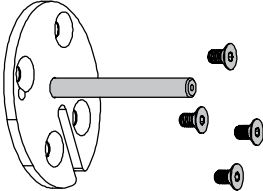
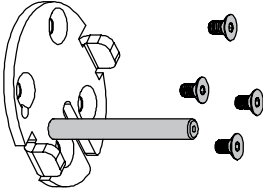
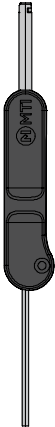
[Power Flex Installation Video](#)

DO NOT REMOVE FROM STORE

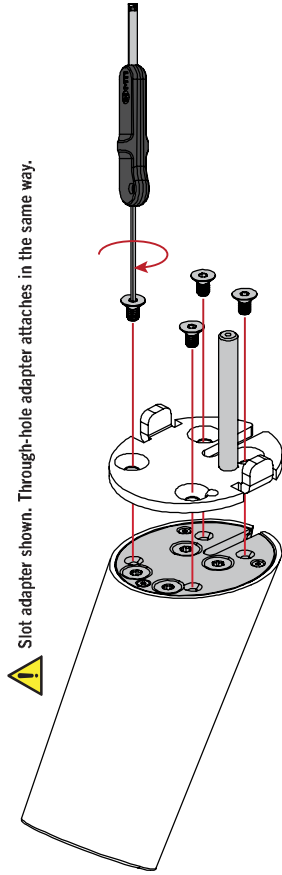


For additional support, please reach out to our
Contact Center at 800-426-6844

WARNING: MTI products contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
Proposition 65, California Health & Safety Code Section 25249.6 et seq. Visit oehha.ca.gov for more information.

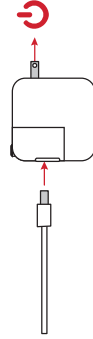
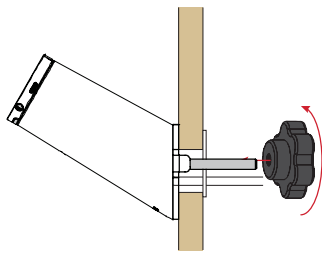
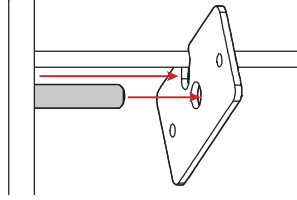
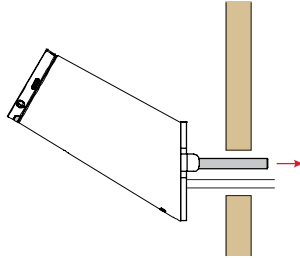
Freedom Micro® II Power Flex Riser and Bracket Adapter	High Security Bracket
	
Mounting Options Through Hole Mounting  Slot Mounting 	Power Brick  Only use power supply 5V dc 3A or 9V dc 3A or 12Vd 3A or 20Vdc 3A of PS2 or LPS, other specification may cause damage. The plug of power supply as disconnect device.
Freedom Micro® II Tool	VersaKey User Cards and Authorization Card
	

BASEPLATE OPTIONS - SLOT & THROUGH-HOLE ADAPTERS

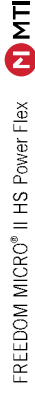


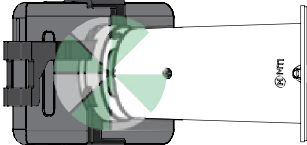
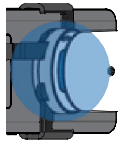
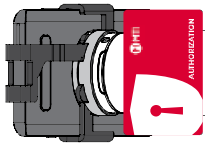
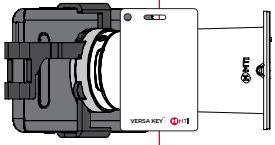
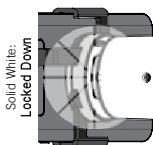
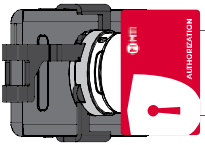
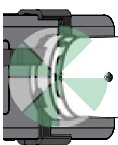
MOUNTING SLOT & THROUGH-HOLE ADAPTERS

- 1 Insert the Freedom Micro® II position into the slot or hole.
- 2 Place the power cable into the slot on the bottom plate, then slide it up over the slot adapter post.
- 3 Secure the Freedom Micro® II position with the knob.
- 4 Use the individual power supply and plug it into the nearest outlet. Use an outlet installed near the equipment that is easily accessible.



RFID COMMANDS

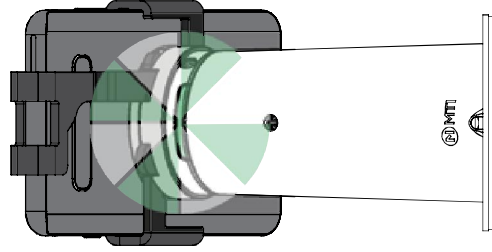


Default Mode	Enter Authorization Mode
 For each VersaKey you want to make an authorized user to, tap each one flat against the back of the riser. It will beep twice to indicate the VersaKey card is programmed.  Double Beep	 Hold the red authorization card flat against the back of the riser where the RFID symbol is located. It will beep twice and the LED will turn blue, indicating that the position has entered authorization mode. Double Beep
Arm/Disarm Position	Exit Programming Mode
 Double Beep: Accepted Four Fast Beeps: Rejected  Solid White: Locked Down Flash White every 8 seconds: Unlocked	 Flash White every 8 seconds: Disarmed  Auto time out if no user cards are added, reverts to Default mode. Tap the red authorization key on the riser again to close the authorization process. Test one of the authorized user keys to make sure it works and locks down the position. Double Beep

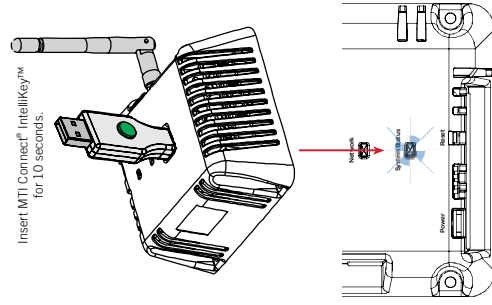
RFID MTI CONNECT PAIRING

FREEDOM MICRO® II HS Power Flex 

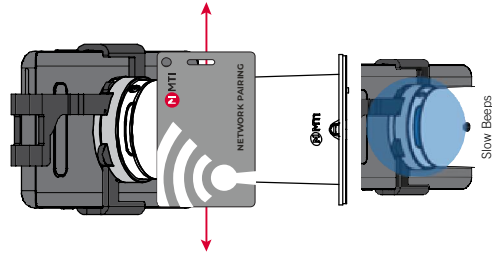
Default Mode



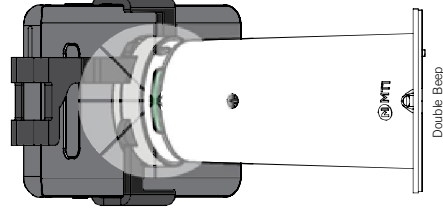
Enable Pairing Mode on MTI Connect Hub



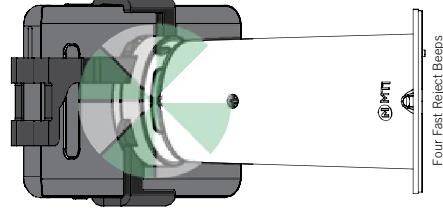
Enter Network Mode



Position connects successfully to mesh network:



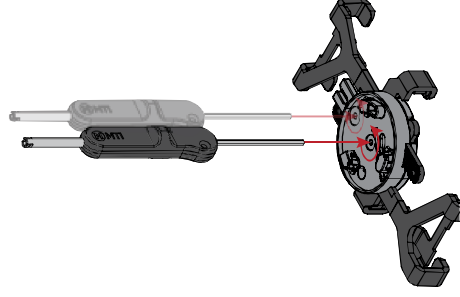
Position fails to connect to mesh network within 3 minutes:



SPEEDBRACKET™ MERCHANDISING

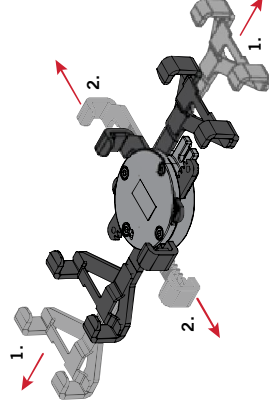
FREEDOM MICRO® II HS Power Flex 

- 1 Loosen the arm locking security screws on the universal bracket to loosen the bracket arms.



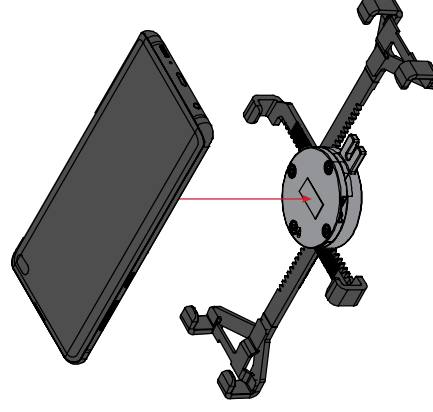
 Some brackets may only have center locking screw

- 2 Extend the bracket arms as far as needed. The bracket arms move simultaneously in pairs (top & bottom, and left & right).



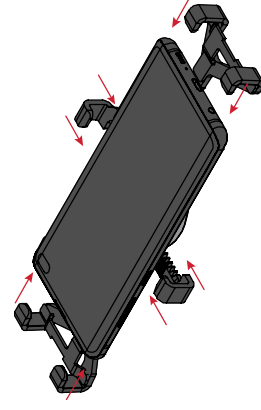
 Open the top and bottom bracket arms, then the side arms, in that order.

- 3 Place the phone into the universal bracket.



 Charge port of phone should face towards cable clip on SpeedBracket

- 4 Adjust the universal bracket to fit the device snugly.

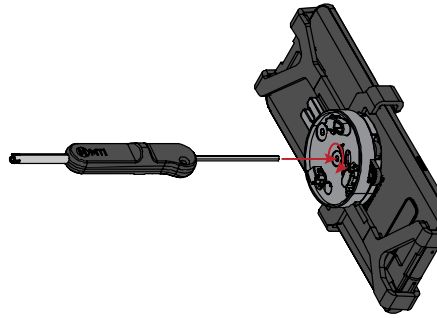


SPEEDBRACKET™ MERCHANDISING

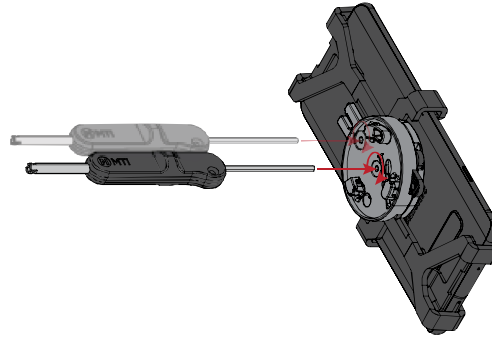
FREEDOM MICRO® II HS Power Flex



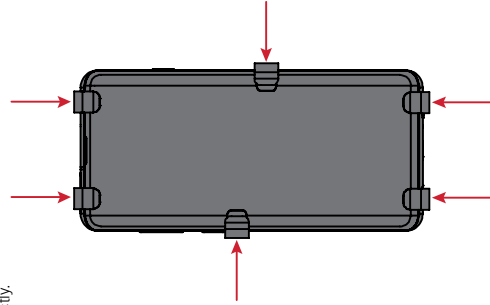
- 5** Tighten center locking security screw on the SpeedBracket™ to secure the bracket arms in place around the device. After tightening screws, wiggle the arms to ensure they have fully engaged the lock teeth.



- 7** Tighten center screw again until tight. Tighten the other bracket security screw for additional security.



- 6** Place pressure on the top/bottom and the sides to try and move arms. This is to find if the arms did not seat correctly.



INSTALLING POWER FLEX

FREEDOM MICRO® II HS Power Flex



- 1** Install the bracket adapter. Line up the arrow on the SpeedBracket with the open circle on the bracket adapter, then turn to line up the arrow with the closed circle.



- 3** Insert the phone in its bracket, with the adapter attached, into the riser. The adapter stem is keyed to prevent incorrect insertion.

Listen for the single beep, which indicates the device is properly inserted and locked down. The LED light will turn white.



⚠ Single beep signals position is locked down.

- 2** Insert the SmartCable end with the locking tabs into the USB-C port on the riser and the other end into the phone.



DE-MERCHANDISING

FREEDOM MICRO® II HS Power Flex 

- 1 Tap an authorized VersaKey to unlock the position.



- 2 Lift the phone in its bracket; out and disconnect the charging cable from the phone. Note that the phone can only be lifted while in portrait orientation.



 **The phone in its bracket can only be lifted in portrait orientation.**

- 3 Push the button on the back of the bracket adapter as you turn the adapter so that the arrow points to the open circle on the medallion.



- 4 Then, the adapter can be separated from the bracket. Follow normal steps for removing the SpeedBracket (loosen the 2 security screws on the back and slide out the arms).



SPEEDBRACKET™ OFFSETTING

FREEDOM MICRO® II HS Power Flex 

Occasionally, having the SpeedBracket medallion centered on the device may cover or partially cover a needed button on the edge of the phone. In those cases, the SpeedBracket can be offset on the device. The instructions below show the steps to offset up/ down. The same steps can be used to offset left/ right.



[Click Here for Video](#)

- 1 Using the Freedom Micro II tool, loosen the 2 security screws on the back of the medallion to loosen the bracket arms.



- 2 Slide the top (PL1) and bottom bracket (PL2) arms all the way out.



- 3 Place the side bracket arms (PS1) on the device, lining up with where they need to fit on the phone.



- 4 Slide in only the bottom bracket arm (PL2) part way, not all the way flush with the device.



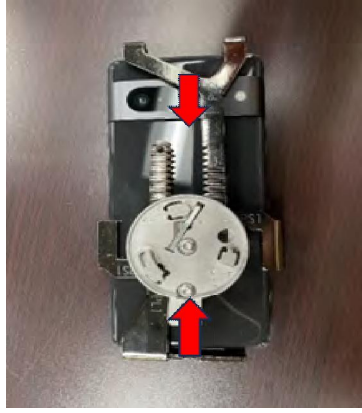
SPEEDBRACKET™ OFFSETTING

FREEDOM MICRO® II HS Power Flex 

5 Then, start to slide in the top bracket arm.



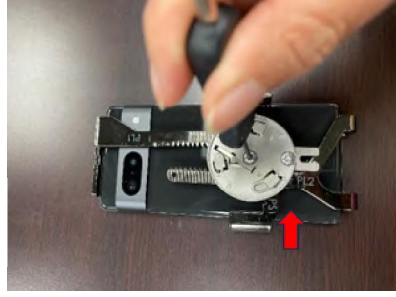
6 Slide both arms inwards and fit all bracket arms snugly around the device.



7 Make sure the bracket arms are not obstructing any needed buttons on the edge of the phone. If further adjustment is needed, repeat above steps until the bracket arms are lined up where they need to be.

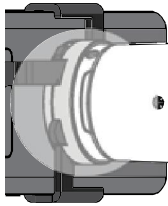
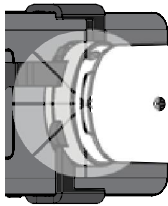
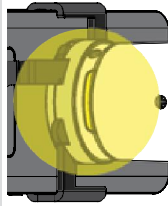
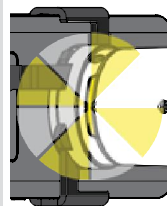
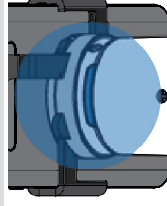
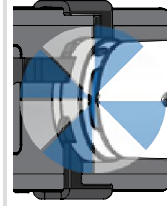


8 Tighten the 2 security screws on the back.



LED STATUS INDICATORS

FREEDOM MICRO® II HS Power Flex 

Visual Reference	System Status	Condition
	Solid White	Position is locked down.
	Double white flash every 8 seconds	Position is unlocked. The phone in its bracket can be lifted from the riser.
	Solid Yellow	Position is locked down but has lost its network connection. Ensure the position is within range of the MTI Connect® Hub. Try network pairing again. *Only applicable when the position is being used with the MTI Wireless Network.
	Flashing Yellow Every 5 Seconds	Position is unlocked. Position is NOT connected to a mesh network. Only applicable in Network Mode.
	Solid Blue	After tapping an authorization card: The position is in enrollment mode. Tap VersaKey™ to authorize them for use in standard mode. Enrollment mode closes automatically in 3 minutes.
	Flashing Blue	Position has entered network pairing mode. Stops upon successful pairing, or after 90 seconds.

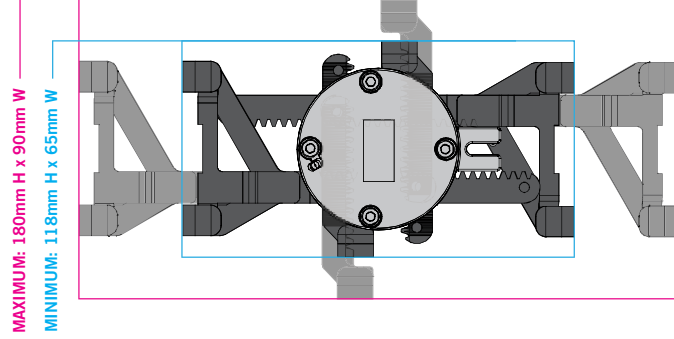
LED STATUS INDICATORS



Visual Reference	System Status	Condition
	Multi-colored flash	Position has received an "Identify" command from a user of the MTI Connect® software.
	Flashing Green	Position is disarmed in factory default mode. Complete the setup for Standard or Network mode to use VersaKey™ or MTI Connect®. Note: The position may automatically lock down while in this default mode, as long as all triggers are closed for 15 minutes. Once it locks down, the LED will turn solid white.



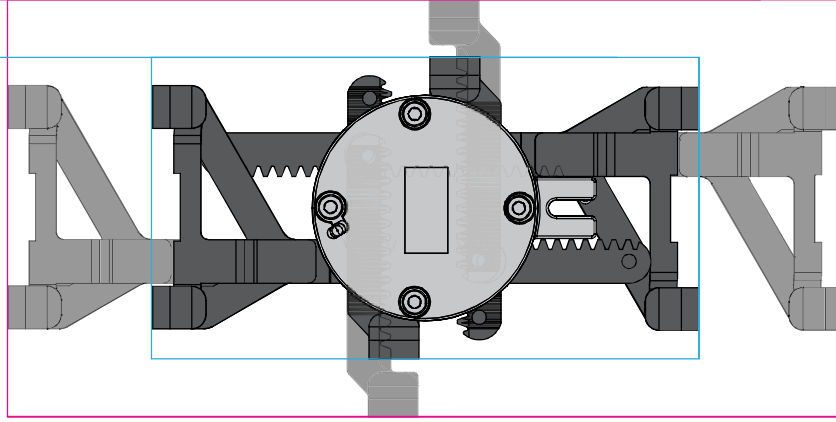
PHONE SPEEDBRACKET DIMENSIONS



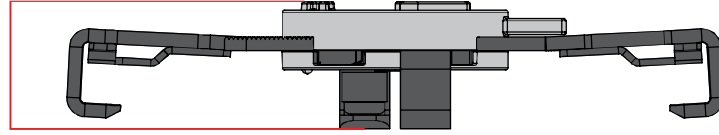
Accommodates Phones
7-9mm Thick

MAXIMUM: 275mm H x 185mm W

MINIMUM: 195mm H x 135mm W



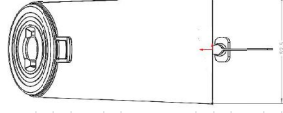
1"

Accommodates Tablets
4 - 7mm Thick

TECHNICAL DATA

Technical Data

Operating Temperature:	0°C to 40°C
Operating Frequency:	2405 MHz to 2480 MHz
Max Power:	Less than 4 dBm at 2.4 GHz
Operating Frequency:	125MHz
Max Power:	Less than 20 dBuV/m at 3m
données techniques	
Température de fonctionnement :	0°C à 40°C
Fréquence de fonctionnement :	2405 MHz à 2480 MHz
Puissance maximale :	moins de 4 dBm à 2,4 GHz
Fréquence de fonctionnement :	125MHz
Puissance maximale :	moins de 20 dBuV/m à 3 m



Additional Safety Information

1. For indoor use only. The apparatus shall not be exposed to water.
2. No user-replaceable parts inside; refer servicing to manufacturer or qualified service personnel.
3. Only use accessories specified by the manufacturer.
4. Do not expose to excessive heat sources.

Disposal: All electrical and electronic products including batteries should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

1. Pour une utilisation en intérieur uniquement. L'appareil ne doit pas être exposé à l'eau.
 2. Aucune pièce remplaçable par l'utilisateur à l'intérieur ; confier l'entretien au fabricant ou personnel de service qualifié.
 3. Utilisez uniquement les accessoires spécifiés par le fabricant.
 4. Ne pas exposer à des sources de chaleur excessives.
- Élimination : Tous les produits électriques et électroniques, y compris les batteries, doivent être éliminés séparément du flux de déchets municipaux via des centres de collecte désignés par le gouvernement ou les autorités locales.

This product contains a rechargeable battery. Proper storage, use and disposal of the battery is important. Please refer to the guidelines below:

- i. Properly dispose of the battery. Do not dispose of the battery into a furnace/oven or into a fire or mechanically crush or cut the battery, as this could cause the battery to explode.
- ii. Storing the battery in an environment at higher temperatures than stated above can result in explosion or leaking of flammable liquid or gas.
- iii. Subjecting a battery to very low air pressure or high altitudes can result in explosion or leaking of flammable liquid or gas.

FCC STATEMENT

FREEDOM MICRO® II HS Power Flex



FCCID: 2AA2X-1500362
Model: FM II Power Flex

FCC Statement

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.

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 5 millimeters between the radiator and your body.

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.

IC: 24439-1500362

Model: FM II Power Flex

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference.
 - (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3(B)/NMB-3(B)

The device meets the exemption from the routine evaluation limits in section 6.3 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 6.3 de RSS 102 et la conformité à l'exposition de RSS-102 RF, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 5 millimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 5 millimètres entre le radiateur et votre corps.