



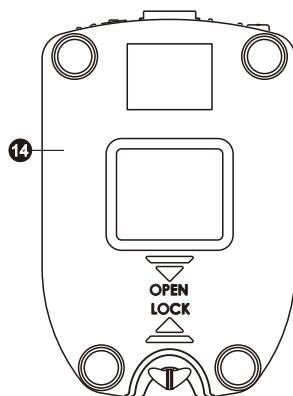
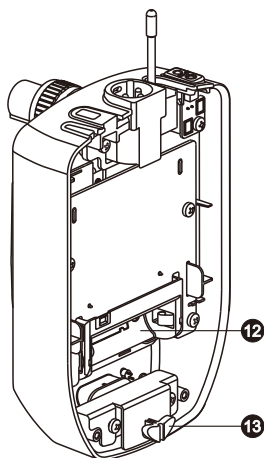
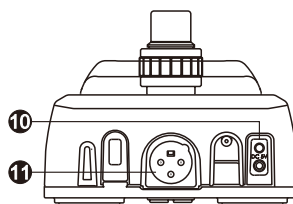
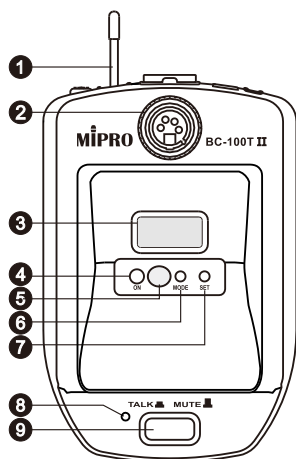
User Guide

BC-100WT / BC-100T II / BC-100DT II

UHF Gooseneck Microphone Transmitter Base



Part Names

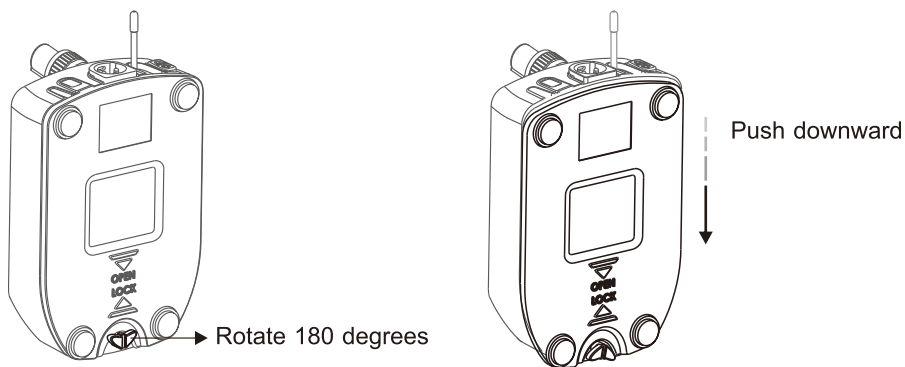


- | | |
|---|--|
| ① Transmitting Antenna | ⑧ TALK Status Indicator |
| ② 4-Pin XLR Input Jack for Gooseneck Microphone | ⑨ TALK/MUTE Push Button |
| ③ LCD Screen | ⑩ Charging Socket and Charging Indicator |
| ④ Power Button | ⑪ Balanced 3-Pin XLR Output Connector |
| ⑤ ACT Receptor | ⑫ Battery Compartment |
| ⑥ MODE Button | ⑬ Base Cover Latch |
| ⑦ SET Button | ⑭ Base Cover |

Battery Installation

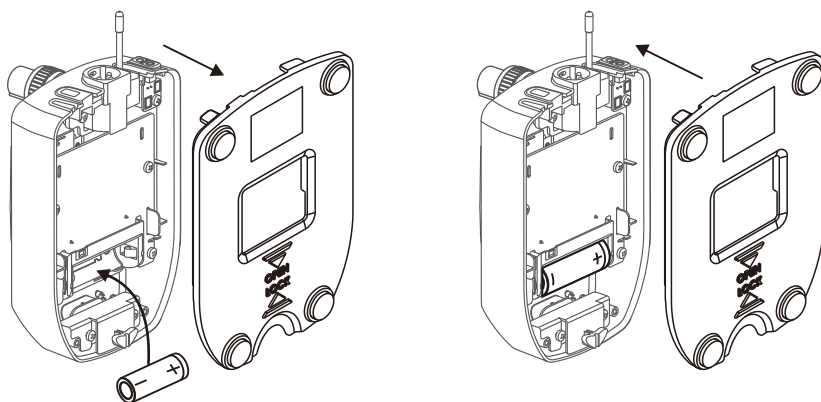
1. Removing the Base Cover

- Rotate the **base cover latch** ⑬ **180 degrees** to the **"OPEN"** position.
- Push gently in the direction of the "open" arrow to remove the **base cover** ⑭ .



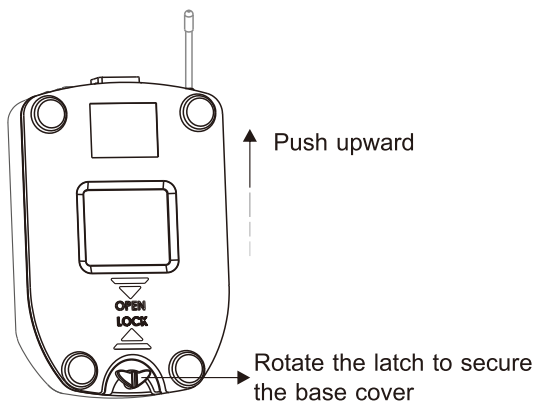
2. Installing the Battery

Insert one **18500 lithium battery** into the **battery compartment** ⑫ , ensuring the correct battery polarity as indicated.



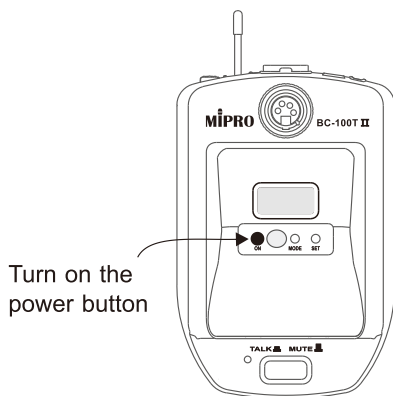
3. Securing the Base Cover

- Align the **base cover 14** with the grooves and push upward until it is securely in place.
- Rotate the **base cover latch 13** to the **"LOCK"** position to ensure the base cover is firmly secured.



4. Powering On

Press and hold the **power button 4** for approximately **2 seconds** to turn on the device and start using it.



Charging Instructions

1. Connecting the Charger

- Plug the charger into a power outlet and connect the charging cable to the **charging socket ⑩** on the device.
- **Note:** Ensure the device is powered off during charging.

2. Confirming Charging Status

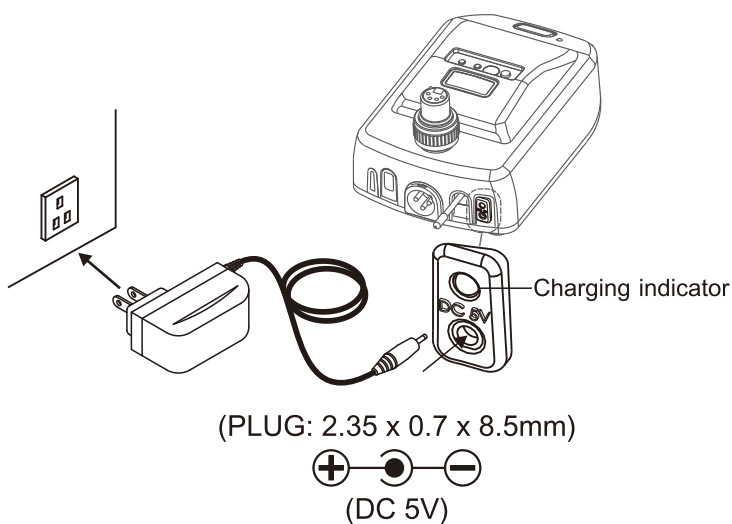
- **Red Indicator Light:** Charging in progress.
- **Green Indicator Light:** Fully charged.

3. Troubleshooting Charging Issues

- If the **charging indicator** does not light up, check whether the charging cable and plug are securely connected.
- **Note:** Always use the MIPRO-supplied charger to avoid damage or overcharging of the battery.

4. Long-Term Storage

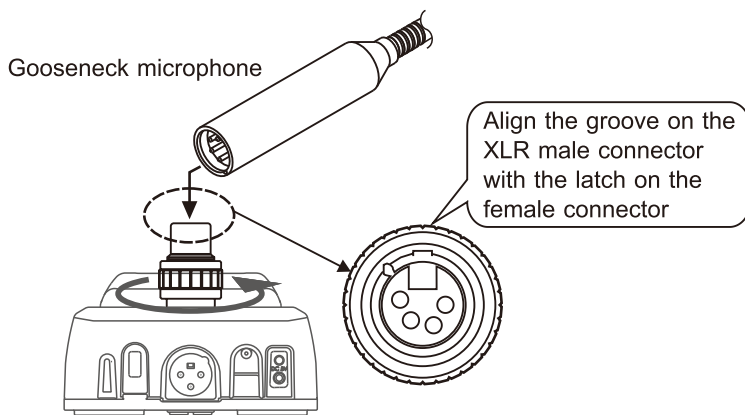
If the device will not be used for an extended period, **remove the battery** to prevent power drain and store it properly.



Gooseneck Microphone Installation and Use

1. Installation and Securing

- **Insert the Microphone:** Align the gooseneck microphone with the **4-Pin XLR input connector ②** and carefully insert it into the slot.
- **Check the Connection:** Before powering on, ensure the **input connector** is securely connected to the **microphone signal source** to avoid noise during startup.
- **Secure the Microphone:** Rotate the locking ring counterclockwise to secure the microphone. To remove, rotate the locking ring clockwise.



2. Talk Mode

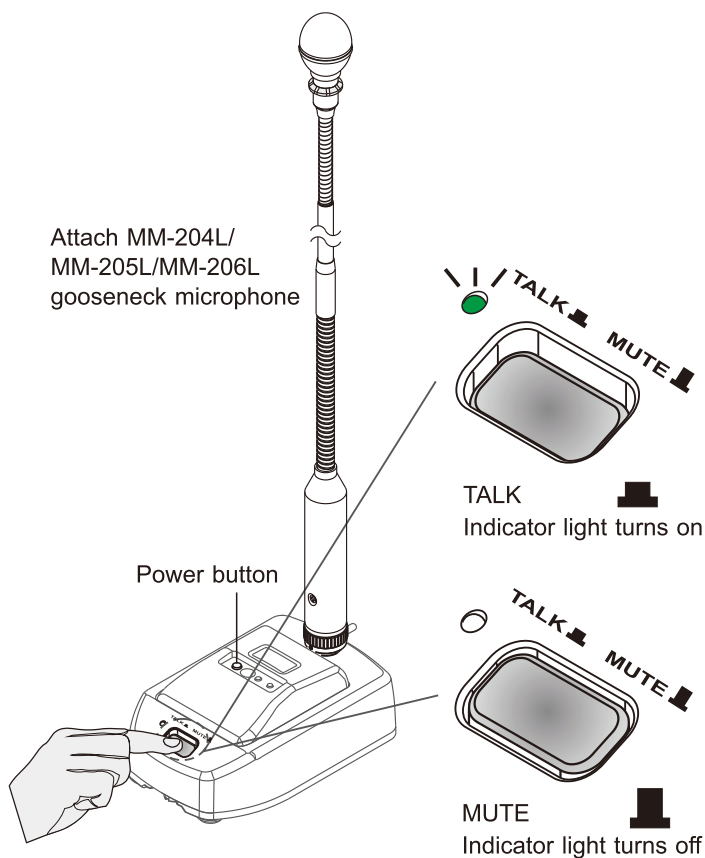
To switch to **talk mode**, power on the base unit and press the **TALK/MUTE push button ⑨**. The system will switch to **TALK mode**. At this point, the **TALK status indicator ⑧** and the **ring-shaped indicator** on the gooseneck microphone will illuminate, indicating the microphone is ready for use.

3. Mute Mode

To switch to **mute mode**, press the **TALK/MUTE push button ⑨** again. The system will switch to **MUTE mode**, and the **indicator lights** will turn off, indicating that the microphone is now in silent mode.

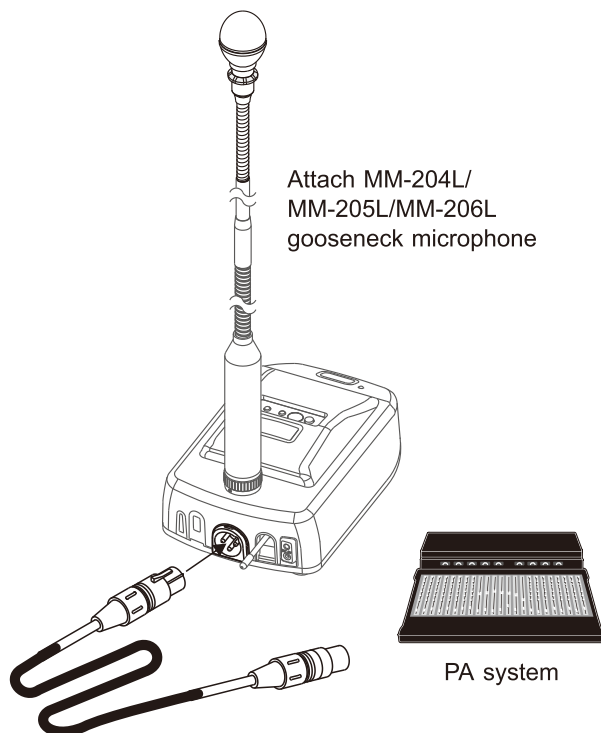
4. Using in Wireless Mode

Pairing Operation: Pair the internal transmitter with a **receiver** from the same series and frequency band. The pairing method (**ACT synchronization**) is the same as that of handheld and bodypack transmitters. Once pairing is complete, the device is ready for use.



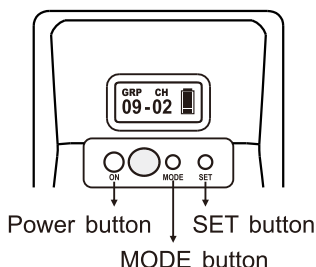
5. Using in Wired Mode

Connecting to Audio Equipment: Use the **3-pin XLR output connector ⑪** to connect the signal cable to audio equipment with **phantom power**, such as a mixer. The device can then be used directly.

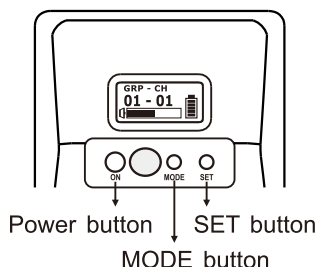


Panel Operations

BC-100T II / BC-100WT



BC-100DT II



1. Power On/Off

- Press and hold the **power button ④** to turn the transmitter **on** or **off**. The LCD screen lights up on power-on.
- When turning off, the **LCD screen** displays "**OFF...**" and shuts down automatically.

2. Select Mode

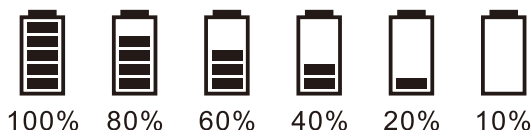
Press the **MODE button ⑥** to select functions on the **LCD screen**.

3. Parameter Setting

Press the **SET button ⑦**. The adjustable parameter on the **LCD screen** starts flashing. Press **SET** again to change the parameter.

4. Battery Level Display

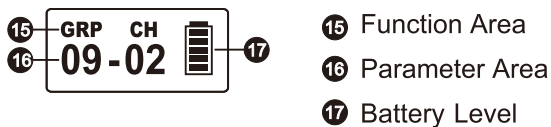
The **LCD screen** displays battery levels in six stages: **100%**, **80%**, **60%**, **40%**, **20%**, and **10%**.



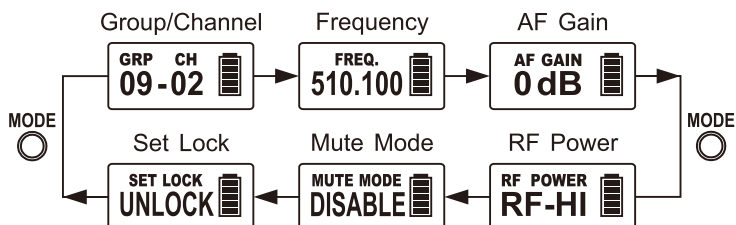
Note: At **10% power**, please recharge immediately. If the voltage is too low, the **LCD screen** displays "**OFF...**" and shuts down automatically.

BC-100T II / BC-100WT LCD Screen and Operations

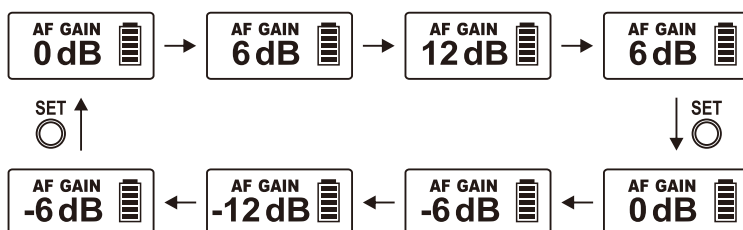
1. LCD Screen Display



2. LCD Screen Functions

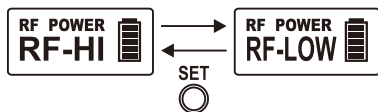


- **Group (GRP) / Channel (CH) / Frequency (FREQ.)**
 1. Display only; settings cannot be changed on the transmitter.
 2. Adjust settings on the receiver, then synchronize with the transmitter via **ACT**.
 3. The user-defined channels display only the channel number.
- **AF GAIN**
 1. Adjustable from **-12 dB** to **+12 dB** in **6 dB** increments.
 2. Higher AF GAIN reduces dynamic range and increases noise and feedback likelihood.
 3. The default AF GAIN is **0 dB**.



- **RF POWER**

Selectable between **HIGH** and **LOW** modes.

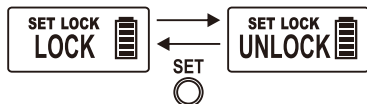


- **MUTE MODE**

This device does not support mute mode.

- **SET LOCK**

1. Can be set to **LOCK** or **UNLOCK**.
2. **LOCK**: The power button is locked and cannot be operated.
3. **UNLOCK**: Press the **MODE** button and press the **SET** button to select **UNLOCK** to unlock the setting. After **UNLOCK** stops blinking, the unlock setting is confirmed and the power button lock will be canceled.

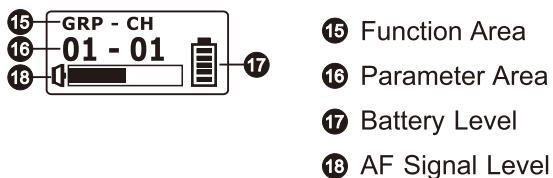


- **Error (ERR)**

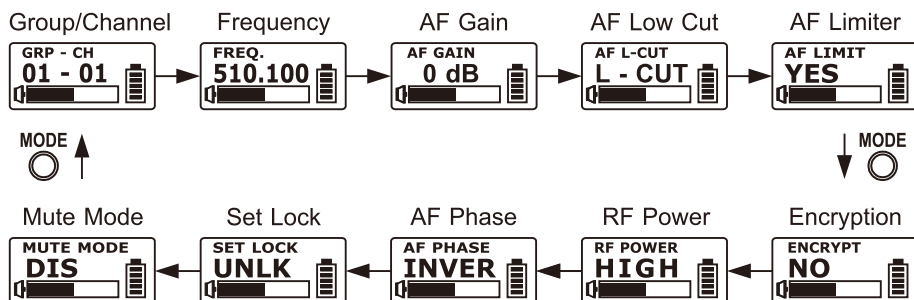
1. **ERR no01**: EEPROM burn failure or internal data error.
2. **ERR no02**: For testing purposes.
3. **ERR no03**: Frequency exceeds the upper band limit. Verify matching frequency bands and restart.
4. **ERR no04**: Frequency below the lower band limit. Verify matching frequency bands and restart.

BC-100DT II LCD Screen and Operations

1. LCD Screen Display



2. LCD Screen Functions



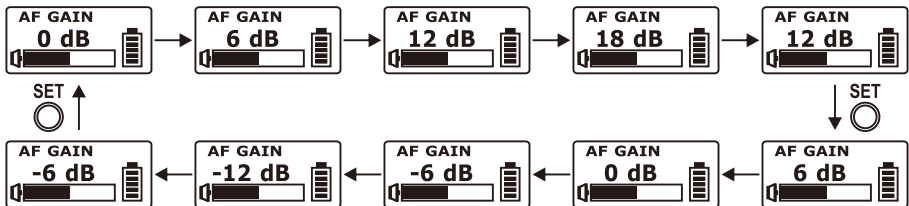
- Group (GRP) / Channel (CH) / Frequency (FREQ.)**

1. Display only; cannot be changed on the transmitter.
2. Use the receiver to change settings and synchronize with the transmitter using the **ACT** function.
3. The user-defined Group and Channel will display ** - **.



- **AF GAIN**

1. Adjustable from **-12 dB** to **+18 dB** in **6 dB** increments.
2. Higher AF GAIN reduces dynamic range and increases noise and feedback likelihood.
3. The default AF GAIN setting is **0 dB**.



- **AF L-CUT**

1. Can be set to **L-CUT** (Low Cut) or **FLAT**.
2. **L-CUT**: the frequency response at 100Hz will decrease by about **3 dB**.



- **AF LIMIT**

1. Selectable between **YES** and **NO**.
2. **YES**: the maximum output of the receiver is limited to **1V**.



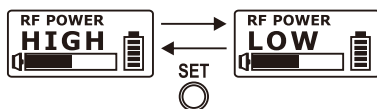
- **ENCRYPTION**

Set on the receiver and synchronize using **ACT**.



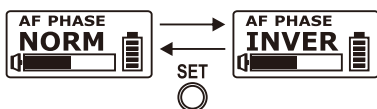
- **RF POWER**

Selectable between **HIGH** and **LOW** modes.



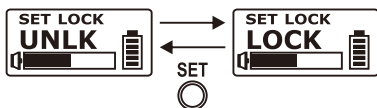
- **AF PHASE**

1. Can be set to **NORM** (normal polarity) or **INVER** (reverse polarity).
2. The **AF PHASE** function allows phase adjustment to match different audio equipment. The default setting is **NORM**; **INVER** can be selected when using two-wire condenser microphones.



- **SET LOCK**

1. Can be set to **UNLK** (unlock) or **LOCK** (lock).
2. In **LOCK** mode, no settings (including the power switch) can be changed. Unlocking is required for any operation. A power loss will automatically deactivate the **LOCK** function.



- **MUTE MODE**

This device does not support mute mode.

- **Error (ERR)**

1. **ROM-ER**: Channel not programmed or internal data error.
2. **ERROR1**: Malfunction of the RF frequency circuit.
3. **No-03**: Frequency exceeds the upper band limit. Verify matching frequency bands and restart.
4. **No-04**: Frequency below the lower band limit. Verify matching frequency bands and restart.

Notes

1. In the event of any discrepancy, refer to the **actual product** as the final standard.
2. The **carrier frequency range, output power, and maximum deviation** are subject to the **radio regulations** of the respective countries.
3. For condenser microphones, it is **strictly prohibited** to spray alcohol directly onto the device for cleaning, as this may cause severe damage and invalidate the warranty.

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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 2 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 2 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

IC

Industry Canada Statement

This device complies with Industry Canada RSS-247 standard. 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 IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 2 cm between the radiator and your body.

Cet équipement est conforme aux CNR-102 d'Industrie Canada. Cet équipement doit être installé et utilisé avec une distance minimale de 2 centimètres entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec autre antenne ou émetteur. Les antennes utilisées pour cet émetteur doivent être installées et fournir une distance de séparation d'au moins 2 centimètre de toute personne et doit pas être co-située ni fonctionner en conjonction avec une autre antenne ou émetteur.



Dispose of any unusable devices or batteries responsibly and in accordance with any applicable regulations.

Disposing of used batteries with domestic waste is to be avoided!



Batteries / NiCad cells often contain heavy metals such as cadmium(Cd), mercury(Hg) and lead(Pb) that makes them unsuitable for disposal with domestic waste. You may return spent batteries/ accumulators free of charge to recycling centres or anywhere else batteries/accumulators are sold.



By doing so, you contribute to the conservation of our environment!

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