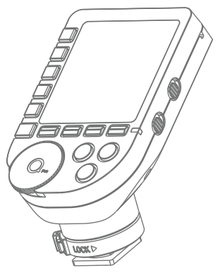
NEEWER®



QPro-C TTL Wireless Flash Trigger Instruction Manual

Copyright

Version Control

Date	Version number	Description	Issued by
01/19/2022	1.0	QPro-C TTL Wireless Flash Trigger Instruction Manual	NEEWER®

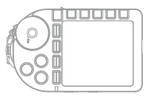
Contents

Product overview

This QPro-C flash trigger has been developped to work with Canon cameras to control NEEWER flashes which support the NEEWER wireless Q system. The trigger boasts many features such as multi-channel control, exceptional signal stability, quick response time, lightweight and a compact size. The trigger gives the photographer the freedom to place the light source whever they choose in order to meet a variety of individual, shooting needs. The QPro-C is compatible with standard Canon cameras hot shoes and can be connected to cameras with PC jacks. Supports TTL flash and high-speed sync.

Package contents

EN

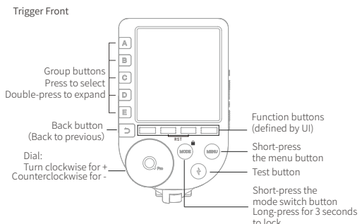


QPro-C flash trigger ×1

Manual ×1

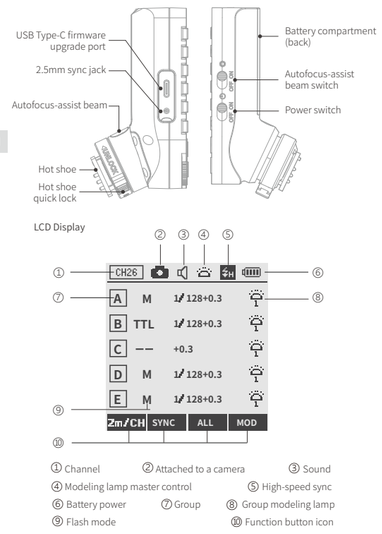
Product diagram

Trigger Front

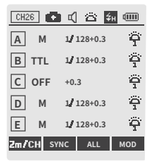


Product diagram

EN



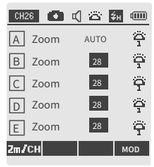
Product diagram



Multiple Group Display

Single Group Display

Menu Display



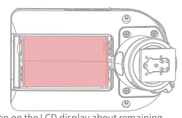
Multiple Group Zoom Display

Set-Up

EN

Installing batteries

Slide open the battery compartment cover on the back of the flash trigger and insert 2 AA batteries (sold separately, ensuring that the positive and negative polarity markings are respected.)



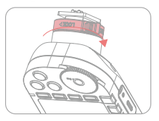
Battery Level

When in usage, please check the battery icon on the LCD display about remaining battery level.

LCD screen battery indicator	Indicates
4 bars	Full battery
2 bars	50% battery
1 bar	25% battery
Empty	Low battery. Please replace the batteries.
Flashing	The battery power is about to run out. It is recommended to replace the batteries now to avoid misfires or the trigger not working over a larger transmission distance due to insufficient power.

Note: this table of battery level symbols and their matching descriptions can only be applied to AA alkaline batteries, not NiMH batteries due to low voltage.

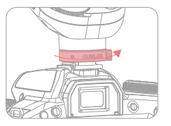
Attaching to a camera



① Turn the hot shoe's quick release lock clockwise to the unlocked position as shown in the figure.

② Slide the trigger's base into your camera hot shoe as shown in the figure.

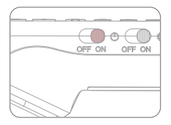
Set-Up



③ After mounting on your camera, turn the hot shoe quick release lock counterclockwise to the locked position to use as shown in the figure.

④ Turn the hot shoe quick lock clockwise to the unlocked position as shown in the figure and slide the hot shoe out in the direction of the arrow to remove the flash trigger.

EN



● **Turning on/off**

Flip the power switch to the "ON" position to turn on the remote trigger, but its status indicator won't light up.

Note: please be sure to turn off the trigger to save power when not in usage.

How to Use the Trigger

EN

※When your on-camera flash's channel <CH> and wireless <ID> match those of the QPRO-C trigger, then the trigger can control the flash to fire.

● **Wireless trigger an on-camera speedlite flash**

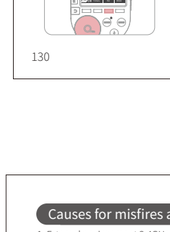
Take NEEWER Z1 flash as an example to demonstrate how to connect with the trigger:

1.1 Turn off your camera first, then insert the trigger into your camera's hotshoe, turn on the trigger and your camera next.

1.2 Long press the <Zm/CH> button of the trigger to set channel, group, mode and other parameters (please check the "Trigger Settings" part of this manual for detailed instructions).

1.3 Turn on the Z1 flash, press wireless setting button until the display shows wireless symbol and the slave unit icon <SLAVE>, then press the channel setting button <CH> to set the flash on the same channel with the trigger, next press the group setting button <Gr> to set flash on the same group with the trigger. (Note: the connection to other models of speedlite flash may differ and please check their manuals for reference.)

1.4 Press your camera shutter to trigger the Z1 flash, and the trigger's "Status Indicator" will be flickering red.



※When your monolight's channel <CH> and wireless <ID> match those of the QPRO-C trigger, then the trigger can control the monolight to fire.

● **Wireless trigger a monolight**

Use NEEWER Q3 monolight as an example to display how to use the trigger to control a monolight:

2.1 Turn off your camera first, then insert the trigger into your camera's hotshoe, turn on the trigger and your camera next. (Note: the connection to other models of monolight may differ and please check their manuals for reference.)

2.2 Long press the <GR/CH> button of the trigger to change channel, group, mode and other settings. (please check the "Trigger Settings" part of this manual for detailed instructions.)

2.3 Turn on the Q3 monolight, then press the wireless setting button <⏻> until the display shows the wireless symbol <((•))>. Next long press the group/channel setting button <GR/CH> to set the monolight on the same channel with the trigger, then short press the <GR/CH> button to set the monolight on the same group with the trigger.

2.4 At this point, press your camera shutter directly to trigger monolight, and the trigger's "Status Indicator" will be flickering red.

How to Use the Trigger

EN

● **Wireless trigger a Canon on-camera speedlite flash**

There follows an illustration to show how to connect an 600EX-Rt flash with the trigger:

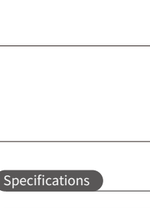
3.1 Turn off your camera first, then insert the Qpro-C trigger into your camera's hotshoe. Turn on the trigger and then your camera.

3.2 Long press the <Zm/CH> button of the Qpro-C trigger to set channel, press <MENU> and choose <ID> to set wireless ID of the trigger.

3.3 Connect the Canon flash to a Q-C receiver, long press the <TX/RX> button to enter RX mode, then long press the <Zm/CH> button on the receiver to set it on the same channel as the Qpro-C trigger. Next, press its <MENU> button and choose <ID> to match the trigger's wireless ID.

3.4 Turn on the Canon flash and set it to on-camera flash mode (Note: please refer to the manual of your Canon flash about this setting).

3.5 Press your camera shutter to trigger the Canon flash. The trigger's "Status Indicator" will flash red.



Note: The minimum flash output of the strobe is 1/64, thus trigger's output should be set higher than 1/64. The strobe doesn't support TTL or multi-flash, thus the trigger needs to be set in M mode to control the strobe to fire.

● **Wireless trigger a studio strobe**

Use NEEWER S101-300 Pro strobe to demonstrate how to connect:

4.1 Turn off your camera first, then insert the trigger into your camera's hotshoe, turn on the trigger and your camera next.

4.2 Long press the <Zm/CH> button of the trigger to set channel, group, mode and other parameters (please check the "Trigger Settings" part of this manual for detailed instructions).

4.3 Connect the strobe to power and turn it on. Press both the <GR/CH> button and the <S1/S2> button until the display shows wireless icon. Long press the <GR/CH> button to make strobe channel match trigger channel. Then short press the <GR/CH> button to make strobe group match trigger group. (Note: the connection to other models of strobes may differ and please check their manuals for reference.)

4.4 Press your camera shutter to trigger the strobe, and the strobe and the trigger's "Indicator Status" will be flickering red.

How to Use the Trigger

● **Wirelessly triggered camera shutter**

How to connect:

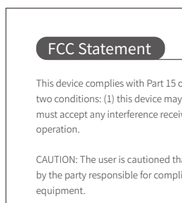
Two Qpro-C triggers are required for connection: one connects to your camera as a receiver and the other as a transmitter.

5.1 Turn off your camera first, then connect one end of a shutter release cable to the camera's shutter port and the other end of the cable into the Qpro-C receiver's "2.5mm Sync Port". Next turn on the camera followed by the receiver.

5.2 Press the receiver's <MENU> button, then rotate the dial to select <SYNC> and set it to "OUT".

5.3 Set the Qpro-C transmitter and the receiver on the same channel and under the same wireless ID. Long press <Zm/CH> button to change channel. Short press <MENU> and choose <ID> to set wireless ID. (To set mode and other settings, please check the "Trigger Settings" part of this manual for more detailed instructions.)

5.4 Half press the transmitter's trigger button <🔦> which will make the indicator turn green to focus. Fully press the trigger button <🔦> and the indicator turns red, then release the button to release the camera shutter to shoot."



● **Connect with the 2.5mm sync cable**

How to use:

6.1 Connect one end of the 2.5mm Sync Cable to a speedlite flash's sync port, and other other end to a Q-C receiver's sync port.

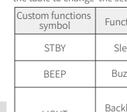
6.2 Long press the <TX/RX> button on the Q-C receiver and enter RX mode. Short press the Q-C receiver's <MENU> and select <SYNC>, then set it to "OUT".

6.3 Set the Qpro-C transmitter and the Q-C receiver on the same channel and to the same wireless ID. Long press <Zm/CH> button to change channel, short press <MENU> and choose <ID> to set wireless ID. (To set mode and other parameters, please check the "Trigger Settings" part of this manual for more detailed instructions.)

6.4 Trigger the flash with the Qpro-C transmitter.

Trigger Settings

EN



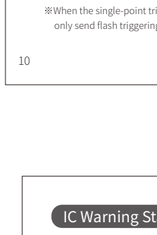
● **Auto Sleep**

1. If no operation is performed within 90 seconds, the trigger will automatically enter standby mode and the LCD display will go dark.
2. Press the <🔦> button to activate the trigger system. When mounted on a Canon EOS camera hotshoe, you can also half press camera shutter to activate.

NOTE: to close the auto sleep function, press <MENU> to access custom menu setting page, select STBY and set it to OFF.

● **Auto Focus (AF) Beam**

Flip on the AF Beam switch to emit Auto Focus beam. When your camera can't focus, the AF beam will automatically light up. Once you find the focus, the AF beam will automatically go off.



● **Channel Setting**

1. Long press the <Zm/CH> button to enter channel setting page.
2. Rotate the dial to select a desired channel number. Short press the <Zm/CH> button to confirm the channel you chose.

※The trigger offers 32 channels to choose from. Please be sure to set the trigger transmitter and receiver on the same channel before firing flashes.

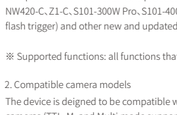
● **Wireless ID Setting**

Besides matching transmission channels, we can also match wireless ID to avoid signal interference. A master unit and a slave unit have to be on the same channel under the same wireless ID to trigger.

Press <MENU> button to enter C.Fn ID sub-menu. Rotate the dial to select the <ID> menu. Then short press <SET> button to make it editable, next rotate the dial to choose a desired wireless ID value.

※ A master unit and a slave unit need to have matching channel and ID to be triggered together.

Trigger Settings



● **Mode Setting**

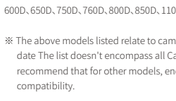
1. Short press the <MODE> button to switch between different modes.
2. When the trigger is set as 5 groups (A-E):

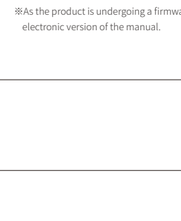
2.1 When multiple groups are set, you can switch on Multi Flash for each group. Enter a group, select Multi, choose "ON" or "--" to switch on/off.

2.2 When multiple groups are set, choose one group or multiple groups, then you can press <MODE> button to switch modes in the order of TTL/M/-- for different groups separately or together.

2.3 Long press the <MODE> button for 2 seconds until the word "LOCKED" shows on the bottom part of the display. The sign indicates that the trigger is locked and no settings can be changed at this moment. Long press the <MODE> button for 2 seconds to unlock.

EN





● **Group Highlighting**

Highlight multiple groups or one single group: in multiple group setting, choose a group and press its group letter twice to highlight this group and change settings for this single group.

※ Press the Back button to exit group highlighting page.

● **Set Flash Output**

1. When multiple groups are set and in M mode:

1.1 Choose one group by pressing its group letter. Then rotate the dial to change flash output for this group from Min. to 1/1 in the increment of 0.1 or 0.3. Press the <🔦> button to confirm the output value and exit.

1.2 Press the <ALL> button to select all groups and make their power output values editable, then rotate the dial to change their output from Min. to 1/1 in the increment of 0.1 or 0.3. Press the <ALL> button again to confirm the setting.

2. When one single group is highlighted and in M mode, rotate the dial directly to change the group output from Min. to 1/1 in the increment of 0.1 or 0.3.

NOTE: "Min." refers to the minimum output level that is available in M or Multi mode, 1/128(0.3) or 1/256(0.1) respectively based on the setting of C.Fn-STEP. On most on-camera speedlite flashes, the minimum output available is 1/128 or 1/128(0.3), not the 1/256 or 1/256(0.1).

Trigger Settings

EN

● **Flash Exposure Compensation Setting**

1. When multiple groups are set and in TTL mode:

1.1 Choose one group by pressing its group letter. Then rotate the dial to adjust its flash exposure compensation (FEC) level from -3 to 3 in the increment of 0.3. Press the <🔦> button to confirm the value and exit.

1.2 Press the <ALL> button to select all groups and make their FEC values editable, rotate the dial to adjust the FEC level from -3 to 3 in the increment of 0.3. Press <ALL> again to confirm the setting.

2. When one single group is highlighted and in TTL mode, rotate the dial directly to change the group FEC value from -3 to 3 in the increment of 0.3.

● **Multi Flash Setting (Flash Output, Flash Times, and Flash Frequency)**

1. When in Multi Flash mode, the display won't show the TTL or M icon.
2. The three values under ""Multi"" on the display refer to flash output, flash times (Times), and flash frequency (Hz) respectively.
3. Rotate the dial to adjust flash output from Min. to 1/4.
4. Short press the Times button to highlight flash times, rotate the dial to change its value.
5. Short press the Hz button to highlight flash frequency, rotate the dial to adjust frequency number.
6. After finishing the settings, short press the <🔦> button to exit. Then no item will be flickering on the display.
7. In the Multi-flash sub-menu, when no item is flickering, short press the <🔦> button to return to main menu.

NOTE: The flash times is subject to both flash output and flash frequency. But the flash times you set can't exceed the maximum value allowed. The flashes transmitted to receiver side are actual flash times and depend also on camera shutter settings.

Trigger Settings

● **Modelling Lamp Setting**

1. When multiple groups are set, press the <MOD> button to turn on or off modelling lamp for all groups of strobes.
2. When only one group is set, or select one group in multiple groups setting by pressing its group letter, press the <MOD> button to turn on or off modelling lamp for this group of strobes.
3. Short press a group letter to highlight this group to change its strobe settings: short press the <MOD> button to adjust modelling lamp brightness of this group of strobes.

(NOTE: The strobe models that support turning on/off modelling lamp in one single group include the Z1,S101 PRO, X2 series, the Q4 PRO and Q3 flash strobe. The future NEEWER flash strobes that contain modelling lamp will all support this function.)

EN

● **Zoom Setting**

1. Short press the <Zm/CH> button until the display shows the Zoom value. Select a particular group, then rotate the dial to change its Zoom value from AUTO, 24 to 200. After setting a desired value, press the <🔦> button to return to menu page.

● **Shutter Sync Setting**

1. High Speed Sync (HSS): press the <SYNC> button until the display shows the symbol "H".
2. Rear Curtain Sync: press the <SYNC> button until the display shows the symbol "R".

Trigger Settings

● **Buzzing Setting**

Press the <MENU> button to enter C.Fn BEEP page, rotate the dial to choose <BEEP>, then press the <SET> button and you can rotate the dial to choose "ON" or "OFF" to turn on/off buzzing. Press the <🔦> button to return to menu page.

EN

● **Sync Port Setting**

1. Press the <MENU> button to enter C.Fn SYNC page, rotate the dial to choose <SYNC>. Then press the <SET> button and you can rotate the dial to choose "IN" or "OUT". Short press the <MENU> button to return to menu page.

1.1 Choose "IN" to transmit signal to trigger flashes.

1.2 Choose "OUT" to transmit signals to trigger camera shutter or to trigger speedlite flashes via PC sync.

● **Shoot Settings**

Press the <MENU> button to enter C.Fn SHOOT page. Then press the <SET> button to choose "ON" or "OFF", then press the <MENU> button again to return to menu page.

ON: the trigger's single-contact point is activated to fit non-Canon cameras. In M and Multi mode, the master unit can only transmit trigger signals to the slave unit.

OFF: the trigger's single-contact point is disabled to fit Canon cameras. When shooting, the master unit can transmit both flash settings and trigger signals to the slave units.

● **Restore Factory Setting**

On the menu page, long press the "SYNC" button and the "ALL" button at the same time until the display shows "RESET" to suggest that the trigger has been restored to factory settings.

Trigger Settings

● **C.Fn: Set Custom Functions**

The different custom functions of this product are categorised below. Please check the table to change the settings as required.

Custom functions symbol	Functions	Settings symbol	Settings and meanings
STBY	Sleep	ON/OFF	Enable/disable
BEEP	Buzzer	ON/OFF	Enable/disable
LIGHT	Backlight duration	12sec	Turn off automatically after 12 seconds
		ON/OFF	Always on/always off
SYNC	Sync jack	IN	Trigger the QPro-C to trigger flash
		OUT	Output triggering signal or control shutter signal
LCD	LCD contrast ratio	-3~+3	Selectable value of contrast ratio
SHOOT	Single-point triggering mode	ON	Single-point triggering mode on
		OFF	Single-point triggering mode off
DIST	Triggering distance	0-30M	0–30m triggering
		1-100M	1–100m triggering
ID	Wireless ID	OFF	Close
		01~99	Any number from 1 to 99 can be selected
STEP	Flash power output	1/128 (0.3)	Minimum output is 1/128 (with a step increment of 0.3)
		1/256 (0.1)	The minimum output is 1/256 (with a step increment of 0.1)

※When the single-point triggering mode ("SHOOT") is turned on, the product can only send flash triggering signals which will disable other functions.

Compatible models

1. Compatible flash models

Compatible with Neewer 2.4GHz products with built-in wireless Q system: NW420-C、Z1-C、S101-300W Pro、S101-400W Pro、Q3、NW655-C、Q-C(off-camera flash trigger) and other new and updated products from Neewer.

※ Supported functions: all functions that both QPro and the flash have.

2. Compatible camera models

The device is deigned to be compatible with Canon EOS Type-A and Type-B cameras (TTL, M, and Multi mode supported) and supports all cameras with PC output ports (only M mode is supported).The tested compatibility list is as follows: 1DX、1Dx Mark II、1D MARK III、5D Mark II、5D Mark III 、5D Mark IV 、6D Mark II、7D Mark II 、M6 II、200D II、R3、R5、R、R6、6D、7D、50D、60D、70D、77D、80D、90D、450D、500D、550D、600D、650D、750D、760D、800D、850D、1100D、1500D、3000D

※ The above models listed relate to camera models which have been lab tested to date The list doesn't encompass all Canon EOS series cameras and we can only recommend that for other models, end users test these out to check for compatibility.

Firmware upgrade

The firmware of this product can be upgraded through the USB port. The latest software announcements and instructions will be published on the official website.

※This product does not come with a USB cable for the firmware upgrade. Please purchase separately. The USB port of this product is a Type-C port. Please use only a USB Type-C cable.

※Upgrading the firmware requires Neewer Firmware software support. Please download and install "Neewer Firmware Update", and then select the corresponding firmware file before updating.

※As the product is undergoing a firmware upgrade, please refer to the latest electronic version of the manual.

Causes for misfires and solutions

1. External environment 2.4GHz signal interference (such as wireless base station, 2.4GHz Wi-Fi router, Bluetooth device, and others)—
   Please adjust the channel ("CH") settings of the flash trigger (recommended +10), find a channel without interference, or turn off other 2.4GHz devices while using this product.
2. Please confirm whether your flash has recycled to full power or the recycling rate has kept up with the continuous shooting speed (the flash-ready lamp is already on), and that the device's overheat protection hasn't activated, or is operating abnormally. Please lower the power ouput of the flash. If it is in TTL mode, you can try changing to M mode. (In TTL mode, a pre-flash is required.)
3. Check whether the distance between the flash trigger and the flash is too close (distance <0.5m)—
   Please turn on the "near-range wireless mode" on the flash trigger and set "C.Fn-DIST" to "0-30m."
4. Check whether the flash trigger and the receiver unit are running low on power—
   Please replace the batteries (1.5V disposable alkaline batteries are recommended).

Notes

1. If the flash trigger is subject to a strong impact or vibration, it may malfunction.
2. This product is not waterproof. If it is immersed in water or placed in a high humidity environment, it may malfunction. The development of rust on internal components resulting from such conditions may cause irreparable damage.
3. Sudden changes in temperature, such as entering or leaving a warm building on a cold day with the flash trigger exposed in the air, may cause condensation inside the product. To avoid condensation, please put the flash trigger in a handbag or plastic bag in advance to prevent sudden temperature changes.
4. Strong static electricity or strong magnetic fields generated by radio broadcast transmitters and other equipment may interfere with the normal operation of this product.
5. If you can' t trigger your flash or take pictures correctly, please check whether the battery is installed correctly and whether the flash trigger's power switch is turned on; whether the flash trigger is set to the same channel; whether the cable or hot shoe is correctly and firmly connected in place; whether the function mode settings are correct.
6. If the camera can only shoot but cannot focus, please check whether the camera body or lens is set to manual focus (MF) and set it to auto focus (AF).
7. If your flash trigger is triggered by other wireless flash systems, simply change the channel settings of the trigger to counter interference.

Specifications

Model	QPro-C
Built-in Wireless System	2.4GHz frequency
Modulation Mode	MSK
Channels	32
Wireless ID	01-99
Group	A, B, C, D, E (5 groups)
TTL Autoflash	E-TTL II
Power Supply	2 AA batteries
Manual/ Stroboscopic Flash	Yes
High-speed/ Second-curtain sync	Yes
Exposure compensation/lock	Yes
Focus Assit	Yes
Modeling Lamp	The modeling lamp of the flash is controlled by the trigger
Buzzer	The buzzer of the flash is controlled by the trigger
Wireless Shutter	The receiver can control camera shooting through the 2.5mm sync jack
Zoom Settings	The focus value of the flash is adjusted through the transmitter
Firmware Update	Upgrade the firmware through the USB Type-C port
Memory Function	Changes to settings are automatically saved after 2 seconds and automatically restored after powering it on again
Display Screen	FSTN dot-matrix screen

FCC 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.

CAUTION: The user is cautioned that 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.

This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this transmitter must be installed and operated to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter. Installers must ensure that 20cm separation distance will be maintained between the device (excluding its handset) and users.

IC Warning Statements

- English Warning 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." The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

IC SAR Warning:
This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

- French Warning Statement

"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, mêmesi le brouillage est susceptible d'en compromettre le fonctionnement." Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Lors de l' installation et de l' exploitation de ce dispositif, la distance entre le radiateur et le corps est d ' au moins 20 cm.

UK REP
Lingfeng Electronic (UK) Ltd
International House, 10 Churchill Way, Cardiff,
CF10 2HE, United Kingdom

EC REP
NW Formations GmbH(for authorities only)
Hoferstrasse 9B, 71636 Ludwigsburg, Germany

Shenzhen Neewer Technology Co.,Ltd.
Room 1903, Block A, Lu Shan Building No. 3023
Chunfeng Rd Luo Hu District, Shenzhen
Guangdong 518001, China