



# JY-2410

## Transceiver

( User Manual)

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Before using the product, please read this manual carefully,  
Keep this manual safety in case you need to check during your usage.  
Operate this product on base of your full understand of this manual.

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## General Description

JY-2410 is the professional Transceiver which can remote control different groups flashguns, and achieve TTL communication between the TTL Flanshgun and camera, at the same time synchronized flashing the Off-camera flashgun. JY-2410 also is a trigger for single controlling Off-camera flashgun synchronized flashing, controls Off-camera flashgun groups synchronized flashing, and remote controls shooting.

JY-2410 is adopted with worldwide free FSK 2.4GHz wireless frequency, which guarantees speed,distance and stability. Its remote control distance range is about 100 meters in open area.

## General Description

1. **Auto Sensing Transceiver**—Automatically transmits or receives based on connections.
2. **Support TTL Flashgun**—When using Canon or Nikon cameras and flashguns, the built-in flash being controlled by camera TTL (MASTER must on Mode A).
3. **Remote Wake Up Flash**—Press shutter release lightly to wake up flashgun when used in Canon or Nikon cameras.
4. **Easily Channel Setup**—Supply 4 Sixteen-Bit Digitally Coded Channels, which help to meet different shooting venues.
5. **Fast Sync Speed**—When using the flashgun, the synchronization speed reaches to 1/200s. When the speed close to 1/200s or slower, the unit will be in sync with shutter release.
6. **Locking Ring**—This locking ring will tighten JY-2410 onto the hot shoe safety.

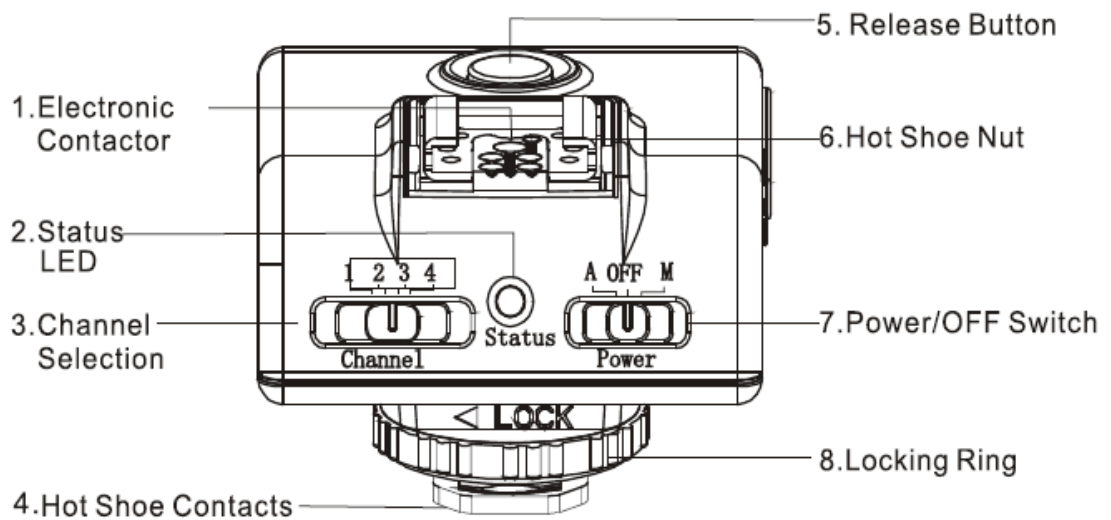
## Cautions

1. Do not pull the wire when connected with cable.
2. Turn off the power and removed the battery when the unit is not in use for extended periods of time.
3. Stay away high temperature areas such as a closed car under direct sunlight and the control panel
4. Store in a cool, dry place. Don't touch the unit with wet hand. Don't expose to rain.
5. Do not use in the flammable occasion, in violation of this warning may cause an explosion or fire.
6. Owing to this product include battery, regarding how to use and charge battery, please operate in strictly according to related rules, otherwise maybe cause explosion, fire or physical injury.
7. When connected with flashgun, don't get close the flashgun with your eyes. The flash light may cause harmful effect on your eyes.

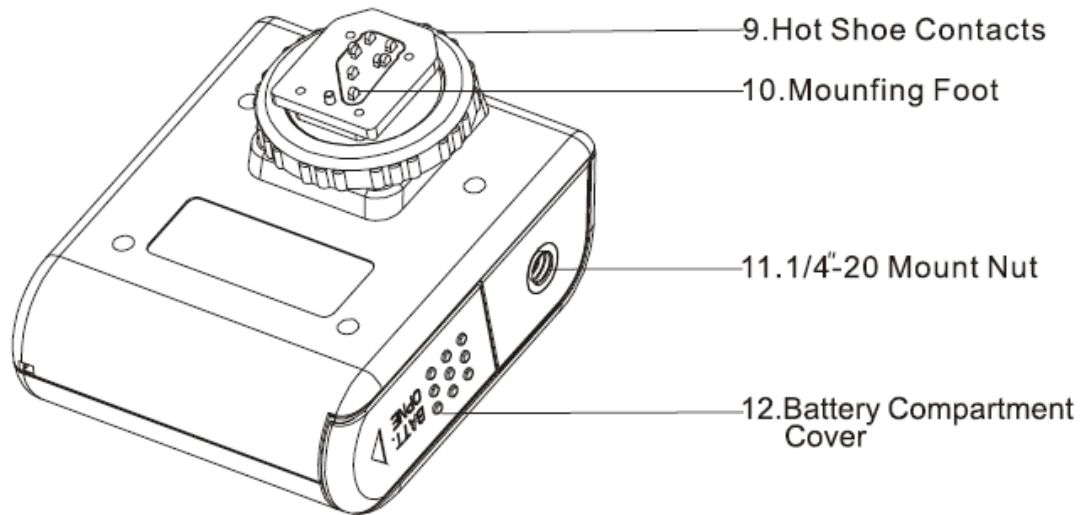
## Included Items

JY-2410 Transceiver	2pcs
Camera Connect Cable	1pc
PC-3.5 Studio Light Connect Cable	1pc
PC-PC Connect Cable	1pc
Mini Flash Stand	1pc
Carrying Bag	1pc
Lanyard	1pc
User Manual	1pc
Warranty Card	1pc

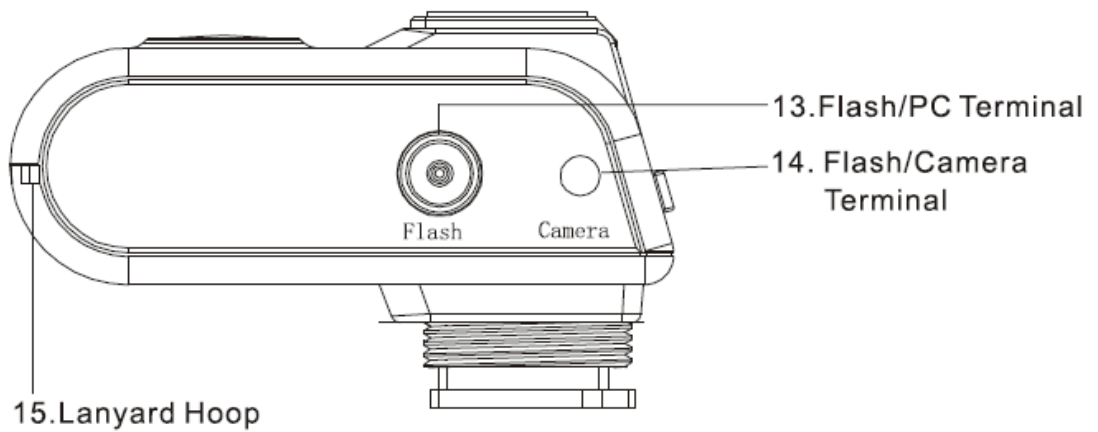
## Name of Each Part



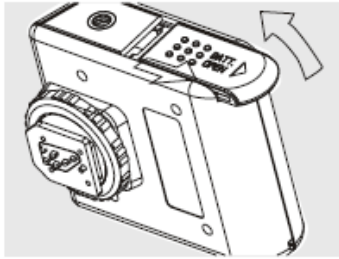
## Name of Each Part



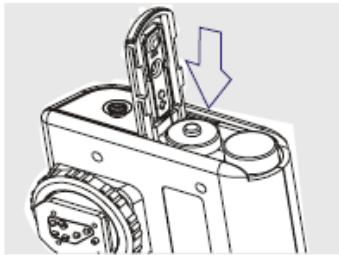
## Name of Each Part



## Installing the Batteries

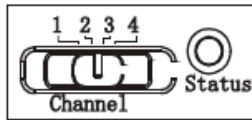


Slide the battery compartment cover as shown by the arrow.



Insert 2xAA or LR6 batteries, make sure the "+" and "-" battery contacts are properly oriented, push down the cover and slide it back.

## Setting the Channels

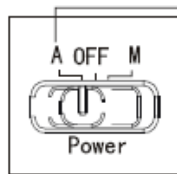


Set different groups JY-2410 into the same channels, they can't work together if in different channels.

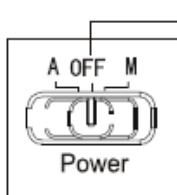
Channel	MASTERS	SLAVES
Group1	1 2 3 4 █ □ □ □	1 2 3 4 █ □ □ □
Group2	1 2 3 4 □ █ □ □	1 2 3 4 □ █ □ □
Group3	1 2 3 4 □ □ █ □	1 2 3 4 □ □ █ □
Group4	1 2 3 4 □ □ □ █	1 2 3 4 □ □ □ █

When using several groups JY-2410 in the same place, please set groups into different channels to avoid the interference.

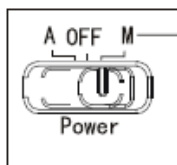
## Setting the Working Situation



On Mode A, JY-2410 can automatically work as TX or RX( non TTL Flashgun remote flashing needs to set under this mode).



Power Off



On Mode M, JY-2410 supports TTL Flashgun which won't affect TTL communication between TTL Flashgun and camera, leads flashing signal synchronized, and triggers Off-camera flash synchronized.

## Channel Test

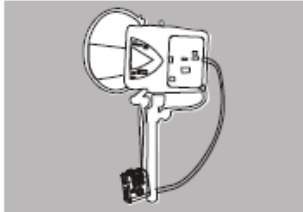
- ① Set two or more than two sets JY-2410 into the same channels.
- ② Fix one JY-2410 onto the camera hot shoe, and then set it under Mode A. Press the camera shutter release button or JY-2410 RELEASE BUTTON, JY-2410 STATUS LED will turn RED if they are in the same group, which means that channel test success.

### Caution

Don't change the channels random. If you have to change channels, please restart JY-2410 and retest channels after channels changed, this will make sure each same group JY-2410 work under same channels. Make sure the POWER/OFF SWITCH is OFF when fixing JY-2410 on the camera hot shoe or under flash.

## Fix and Install

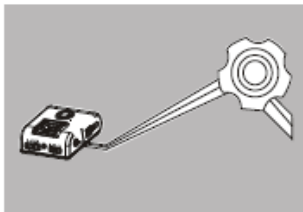
### Three fixed methods for JY – 2410



1. Fixed by lanyard



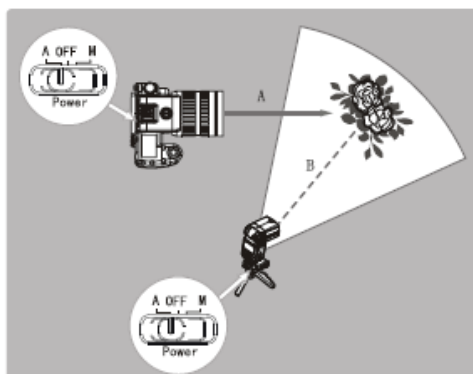
2. Fixed by the camera hot shoe



3. Fixed by the 1/4 – 20 mount

## Basic Operation

### 1. Control Flashgun



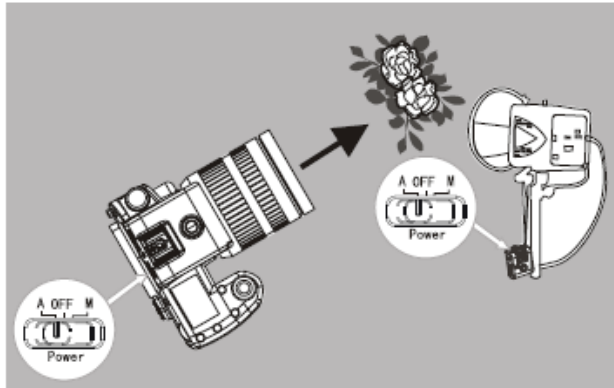
- ① Set one JY-2410 onto the camera, set another one under flashgun hot shoe, and set the POWER/OFF SWITCH on Mode A, set them into same channels.
- ② Press the camera shutter release button and the camera will focus. The flashgun will wake up if flash gun is on status of sleep at the moment.
- ③ After focus, fully press the camera shutter release button, the camera will shoot and the flashgun will flash synchronously.

On Mode A, JY-2410 supports Canon and Nikon etc. cameras and flashguns remote wake up function.



## Basic Operation

### 2. Control Studio Light



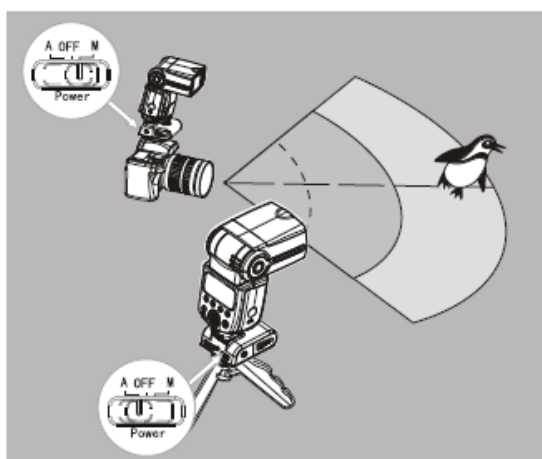
- ① Fix one JY-2410 onto cameras , fix another one JY-2410 by PC-3.5 Studio Light Connect Cable on the studio light.
- ② After focus, fully press camera shutter release button, camera is shooting and studio light is flashing.

Please purchase the correct connect cable or adapter plug according to different brand studio lights.

## Basic Operation

### 3. Flashgun Shooting and Flashing

Set two units JY-2410 Transceivers on Mode A.

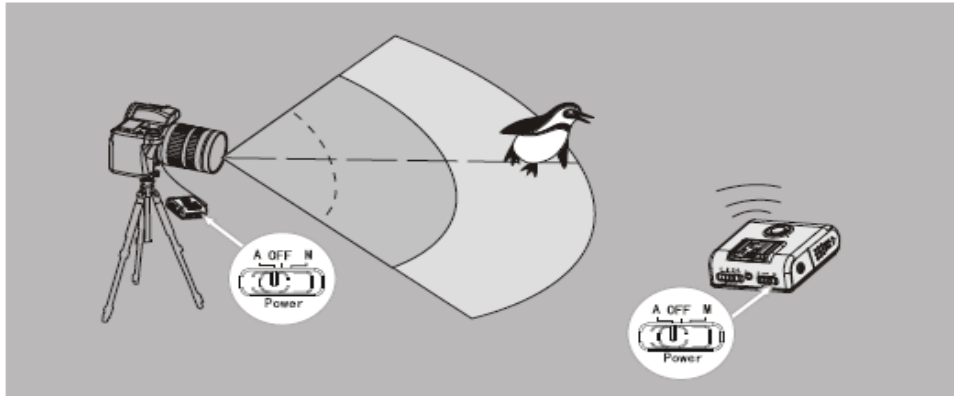


- ① Fix one JY-2410 onto the camera hot shoe and tightened by the LOCKING RING, and then fix the flashgun onto JY-2410 HOT SHOE NUT; fix another flashgun onto another JY-2410.
- ② Press the camera shutter release button, the flashgun will flash and the controlled flashgun will flash at the same time.

## Basic Operation

### 4. Remote Control Shooting

- ① Connect a JY-2410 by Camera Connect Cable.
- ② Press the RELEASE BUTTON on another JY-2410, this can achieve remote control shooting.

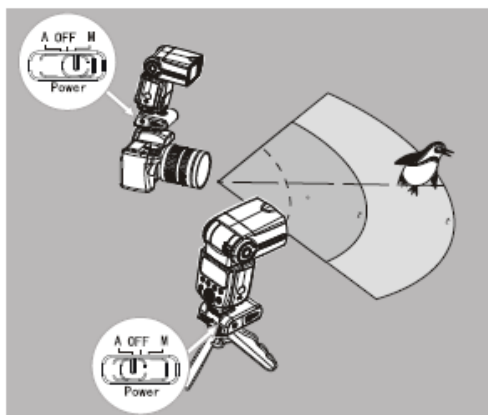


When lens focusing function is on AF, there will be out of focus even can't shoot.

## Basic Operation

### 5. TTL Flashgun Shooting

MASTER should under Mode M, under this situation, TTL flashgun shooting and off-camera flashing can be achieved at the same time.

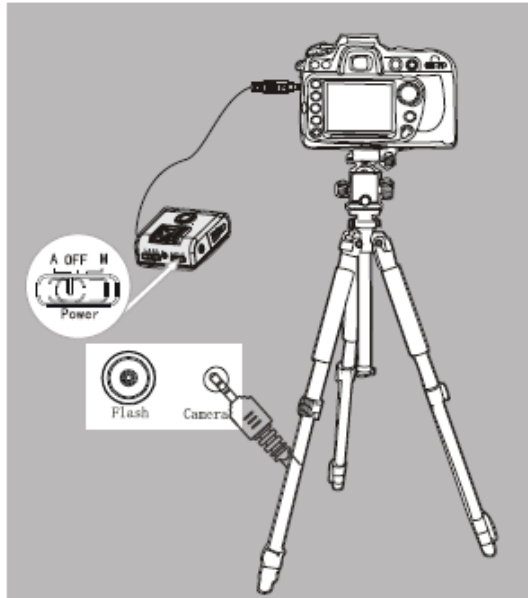


- ① Fix the transceiver onto the camera hot shoe adapter, tightening by LOCKING RING and setting the POWER/OFF SWITCH to the M.
- ② Press the camera shutter release button, the MASTER will achieve TTL flash, the SLAVES will synchronization flash at the same time.

On Mode M, some Canon models such as 5D Mark II cannot support JY-2410 to achieve TTL Flashgun either synchronized flashing the Off-camera flashgun.

## Basic Operation

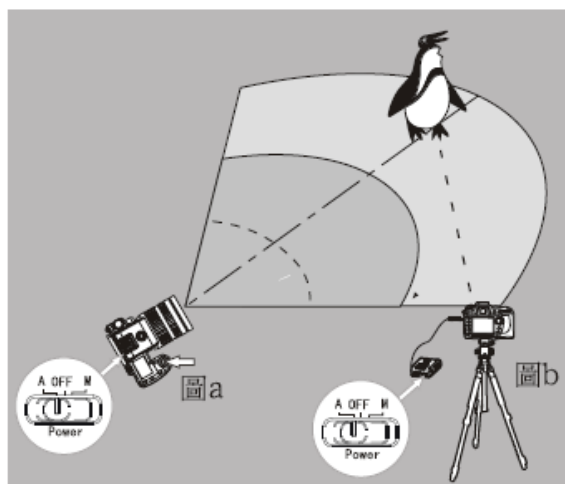
### 6. Control Camera Shutter Release



- ① Insert one side Camera Connect Cable plug into camera, the other side connect with JY-2410 CAMERA TERMINAL.
- ② Half press RELEASE BUTTON on JY-2410, camera will focus; press fully, camera will shoot.

## Basic Operation

### 7. Remote Control Several Camera Shooting



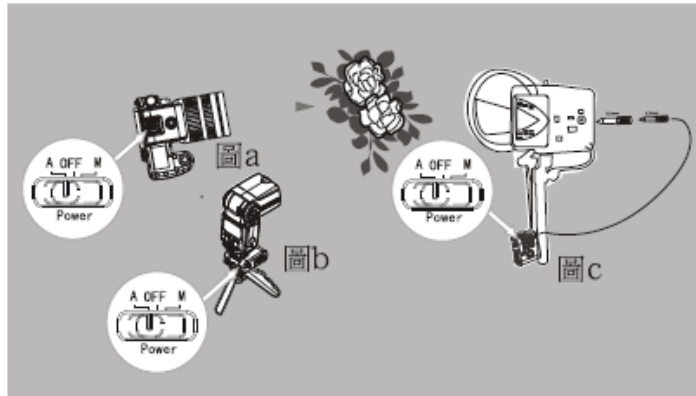
Set one JY-2410 as MASTER (Fig. a), the other two or more than two units JY-2410 connected by Camera Connect Cable to the cameras as SALVES (Fig. b).

Press MASTER RELEASE BUTTON (Fig. a), SALVES (Fig. b) cameras are shooting at the same time.

## Basic Operation

### 8. Control Several Flashgun

Use the right connecting cable according to the interface of studio light.

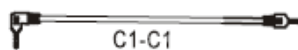


- ① Fix one JY-2410 onto the camera hot shoe (as Fig. a).
- ② Connect the others JY-2410 on the flashgun hot shoe or studio light port (as Fig. b and Fig. c).

- ③ Press the camera shutter release button, all the flashgun and camera are flashing synchronized.

## Other Optional Accessories

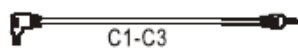
### C1



C1-C1

Canon EOS 30,33,50E,300,300V,3000,50,300D(Digital Rebelxsi),500D,1000D,60D,600D  
Pentax K100D,K10D,ist Ds2,ist Ds,ist,ist DL,ist DL2  
Samsung GX-1L,GX-1S,GX-10

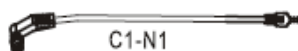
### C3



C1-C3

Canon EOS 1Ds Mark II, 1Ds MarIII, 1Ds, 1D Mark iv, 1D Mark II, 1D Mark, 5D Mark II 1D, 5D, 7D, 50D, 40D, 30D, 20, 10D, D60, D30, D2000, 1v HS, 1v, 3

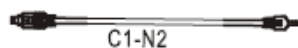
### N1



C1-N1

Nikon D2H, DSHs, D1, D2X, D2Xs, D200, D300, DB, D3X, D3s, D2Hs, D300s, D700, F5, F6, F100, F90, F90X, D100 (MB-D100 Vertical Grip/Battery Holder needed), Kodak DCS-14n, Fujifilm Finepix S3PRO, S5PRO

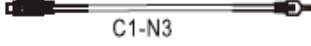
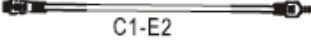
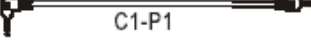
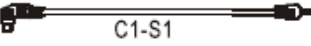
### N2



C1-N2

Nikon D70s, D80

## Other optional accessories

 C1-N3	<b>N3</b> Nikon D90,D3000,D3100, D5000,D5100,D7000
 C1-E2	<b>E2</b> Olympus SP-510UZ,SP-550UZ,E410,E510,E450,E520 E420.
 C1-P1	<b>P1</b> Panasonic Gf1,GH1,G1 G2,DMC-FZ15,Fz20,FZ20K FZ25,FZ30,FZ50,DMC-LC-1.
 C1-S1	<b>S1</b> Sony A1Pha DSLR-A100,SIR-A200,SIR-A300, SLR-A350,SLR-A700,SLR-A900

## Specification

Type	FSK 2.4GHz wireless remote control system
Distance	≤ 100m
Channels	4
Sync Speed	≥1/200S
Shutter Interface	2.5mm plug
Studio Flash Light Connect Plug	Standard PC output port
Battery	AA/LR6x2
Working Time	Above 30,000 times
Size	70x60x45mm
Weight	70g

This Instructions booklet is dated May 2012.For information on the camera's compatibility with system accessories marketed after this date, contact your nearest JYC Service Center.

## **FCC WARNING**

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

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 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