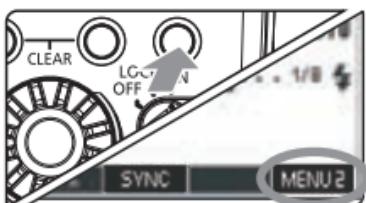


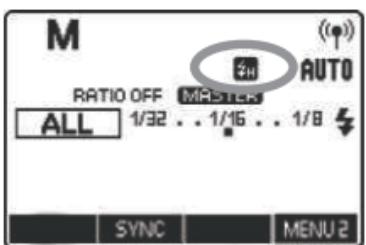
M:The shutter sync of manual flash setting

You can use 1st curtain Sync, high-speed Sync, or 2nd curtain sync in manual flash.



1.Display < MENU2 >.

Press function button 4 to display < MENU2 >.



2.Shutter Sync setting

While < MENU2 > is displayed, press function button 2 < SYNC > and set the shutter sync.

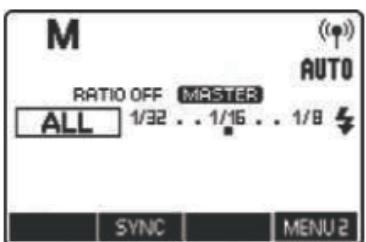
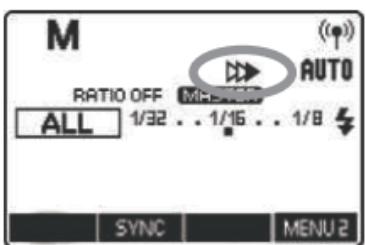
- The setting changes as follows each time you press the button:

:High-speed Sync

:2nd Curtain Sync

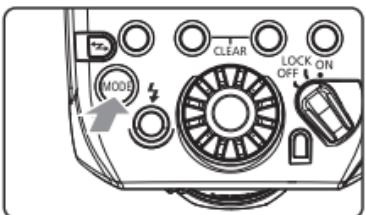
(no icon):1st Curtain Sync

- The 2nd curtain sync can be used in manual flash only.
- When using the 2nd curtain sync , wireless settings and other parameters recommend using the speedlite transmitter settings.



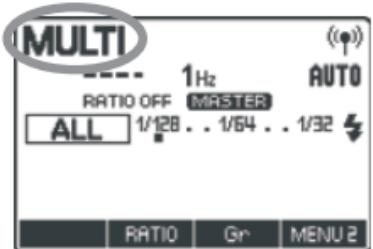
MULTI: Stroboscopic Flash

In stroboscopic flash, set the flash output, number of flashes, and flash frequency (number of flashes per second = Hz).



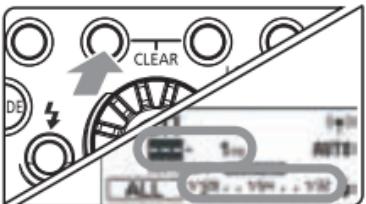
1. Set the flash mode to <MULTI>.

- Press the <MODE> button on the master unit and set to <MULTI>.



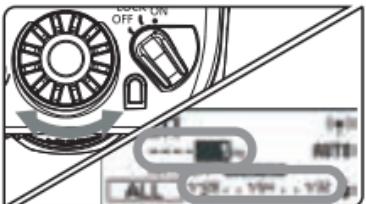
2. Set the firing groups and the flash output.

- Set the number of firing groups and the flash output for each group by referring to the manual flash on the preceding page.

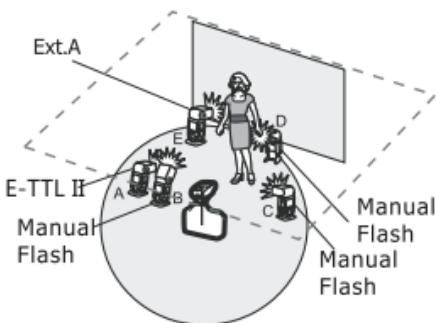


3. Set the flash frequency and the number of flashes.

- While < MENU1 > is displayed, perform the following procedure.
- To set the number of flashes, press function button 2 < MULTI >, turn < ○ > and select < ○ >.
- To set the flash frequency, press function button 3 < Hz >, turn < ○ > and select < ○ >.

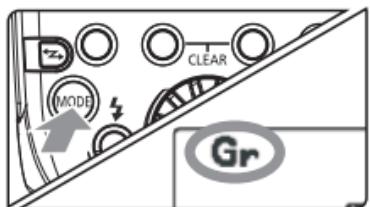


Gr: Shooting with a Different Flash Mode for Each Group



* The flash mode settings are indicated only as an example.

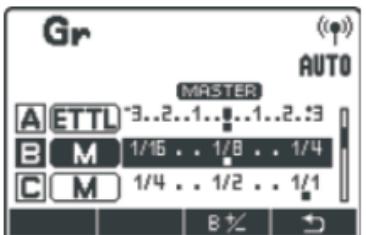
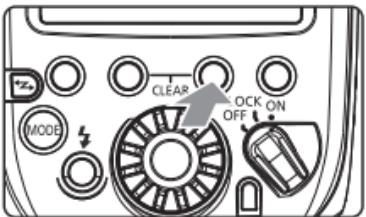
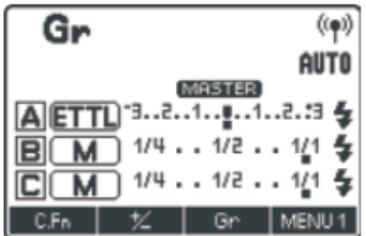
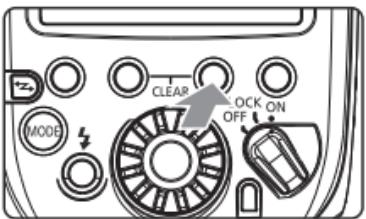
- You can shoot with a different flash mode set for each firing group, with up to 5groups (A/B/C/D/E).
- The flash modes that can be set are E-TTL II/E-TTL autoflash, Manual flash and Auto external flash metering.
- This function is for advanced users who are very knowledgeable and experienced in lighting.



1. Set the flash mode to <Gr>.
 - Press the <mode> button on the master unit and set the flash mode to <Gr>.
2. Set the firing group on the slave units.
 - Operate and set the slave units one by one.
 - Set a firing group (A/B/C/D/E) for all the slave units.

- When using the <Gr> flash mode of the camera released from 2007 to 2011, all the parameters should be set up through the speedlite transmitter.

Gr: Shooting with a Different Flash Mode for Each Group



3. Set the flash mode of each firing group by operating the master unit.

- While < MENU1 > is displayed, press function button 3 < Gr > and turn <  > to select the group.
- Press function button 2 < *MODE > and select the flash mode of the selected group from < E-TTL >, < M > and < Ext.A >.
- To turn the firing of the selected group off, press function button 1 < ON/OFF > to set it to < OFF >.

4. Set the flash output or flash exposure compensation amount.

- While a firing group is selected, press function button 3 < *  >.
- Turn <  > to set the flash function corresponding to the flash mode, and press <  >.
- When using the < M > mode, set the flash output. When using the < E-TTL > or < Ext.A > mode, set the flash exposure compensation amount as required.
- If you press function button 2 < MENU1 > when <  > is displayed, flash exposure compensation can be set for all the firing groups.

Remote Release from a Slave Unit/Linked Shooting

Remote Release from a Slave Unit*

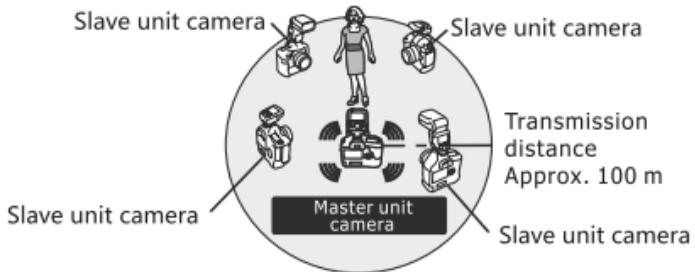


You can perform remote release (remote control shooting) from a flash set as a slave unit. (see the flash's instruction manual).

Linked shooting*

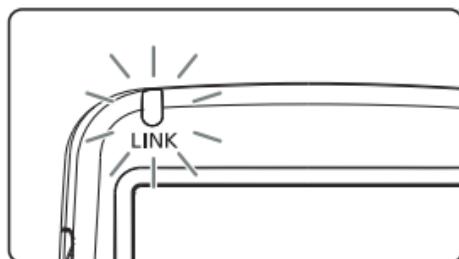
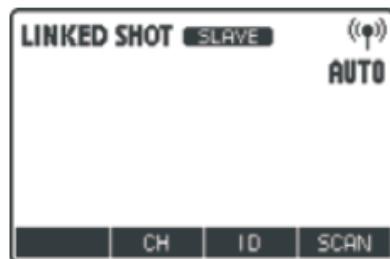
Linked shooting is a function that automatically releases the shutter of a slave unit camera by linking it to a master unit camera. You can shoot with linked shooting for up to 16 units, including both master units and slave units. This is convenient when you want to shoot a subject from multiple angles at the same time.

To shoot with linked shooting, attach a flash that supports radio transmission wireless shooting or the Speedlite Transmitter YN-E3-RT to the camera.



*When using the function with the cameras released until 2011, it needs the shutter release cable LS-MINIB/C3 or LS-MINIB/C1(sold separately). As for the EOS digital cameras(such as EOS-1D X) released after 2012, it does not need the shutter release cable.

Linked Shooting



1. Set to linked shooting mode.

- Press the < > button continuously until <**LINKSHOT**> is displayed on the LCD panel. Linked shooting mode's "Slave unit" is set.
- Press the < > button again to set "Master unit" of the linked shooting mode.

2. Set the channel and ID.

3. Set the camera's shooting functions.

4. Set all the transmitters or flash.

- Repeat steps 1 to 3 and set all the transmitters or flashes to "Master unit" or "Slave unit" in the linked shooting mode.
- When pressing the < > button to change the setting of a unit from "Slave unit" to "Master unit," the other transmitters (or Speedlites) that were set to "Master unit" until then automatically switch to "Slave unit".

5. Set up the slave unit cameras.

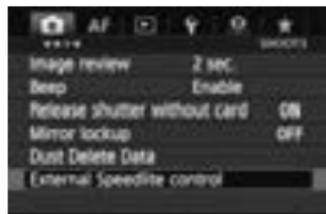
- Check that the <**LINK**> lamp of the slave unit is lit in green.

6. Take the picture.

- Check that the <**LINK**> lamp of the master unit is lit in green and take the picture.
- The slave unit cameras are released in coordination with the master unit camera.
- After shooting with linked shooting, the <**LINK**> lamp of the slave unit is briefly lit in orange.

Transmitter Control from Camera's Menu Screen

When using EOS digital cameras released since 2007, you can set flash functions, transmitter functions or Custom Functions from the camera's menu screen. See the camera's instruction manual.



1. Select [External Speedlite control].

- Select [External Speedlite control] or [Flash control].

2. Select [Flash function settings].

- Select [Flash function settings] or [External flash func. setting].
- The screen changes to the (external) flash function settings screen.

3. Set the function.

- The setting screen varies depending on the camera.
- Select an item and set the

Settings Available in [Flash function settings]

EOS digital cameras released since 2012

When using the transmitter with cameras such as EOS-1D X, you can set the functions for "Radio transmission wireless shooting" in the [Flash function settings] screen.

EOS digital cameras released from 2007 to 2011

When performing "Radio transmission wireless shooting", set the functions by operating the transmitter.

Transmitter Control from Camera's Menu Screen

E-TTL II flash metering

For normal exposures, set it to [Evaluative]. If [Average] is set, the flash exposure will be averaged for the entire scene metered by the camera. Flash exposure compensation may be necessary depending on the scene. This setting is for advanced users.

Flash synchronization speed in Av mode

You can set the flash sync speed when performing wireless flash shooting in aperture-priority AE (**AV**) mode.

Flash mode

You can select the flash mode from [E-TTL II], [Manual flash], [MULTI flash] and [Individual group control] to suit your desired flash shooting.

Shutter synchronization

You can select the flash firing timing/method from [1st curtain] and [High-speed synchronization]. To perform normal wireless flash shooting, set it to [1st curtain].

Flash exposure compensation

In the same way as normal exposure compensation, you can set exposure compensation for flash. The flash exposure compensation amount can be set up to ± 3 stops in 1/3-stop increments.

FEB

You can take three shots while automatically changing the flash output. The settable range is up to ± 3 stops in 1/3-stop increments.

Wireless flash functions (setting)

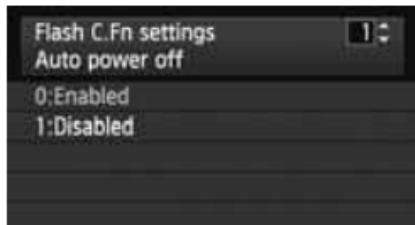
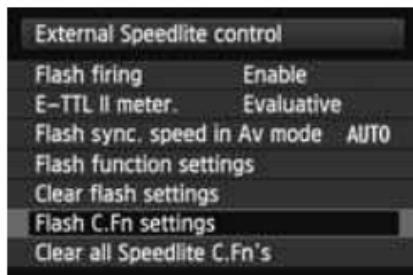
Radio transmission wireless flash shooting is set automatically.

Clear Speedlite (function) settings

You can return the transmitter settings to their default settings.

Transmitter Custom Function Settings

The displayed contents vary depending on the camera. If C.Fn-20 and 22 are not displayed, set them by operating the transmitter. For the Custom Functions, see pages 26 to 27.



1. Select [Flash C.Fn settings].

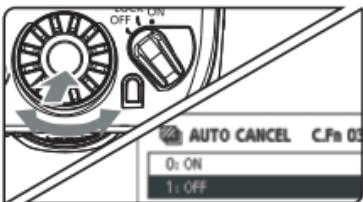
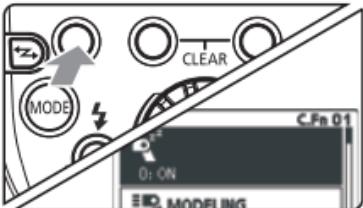
- Select [Flash C.Fn settings] or [External flash C.Fn setting].
- You can now set the Custom Functions of the transmitter.

2. Set the Custom Function.

- Select the Custom Function number and set the function.
- To clear all the Custom Function settings, select [Clear all Speedlite C.Fn's] or [Clear ext. flash C.Fn set.] in step 1.

C.Fn: Setting Custom Functions

You can customize the transmitter features to suit your shooting preferences with Custom Functions and Personal Functions.



1. Display the Custom Functions screen.

- Press function button 1 < **C.Fn** >

The Custom Functions screen is displayed.

2. Select an item to set.

- Turn < > to select an item(number) to set.

3. Change the setting.

- Press the < > button, The setting is displayed. Turn < > to select the setting that you want, and press the < > button.

- Press function button 4 < > to return to the shooting-ready state.

Custom Function List

Number	Icon	Custom Functions	Page
C.Fn-01		Auto power off	P.26
C.Fn-02		Modeling flash	
C.Fn-03		FEB auto cancel	
C.Fn-04		FEB sequence	
C.Fn-07		Test firing with autofocus	P.27
C.Fn-08		AF Assist Beam Emitter	
C.Fn-13		Flash exposure metering setting	
C.Fn-20		Beep	
C.Fn-22		LCD panel illumination	

C.Fn: Setting Custom Functions

C.Fn-01: (Auto power off)

When the transmitter is not operated for 5 min., the power turns off automatically to save energy. You can disable this function.

0: ON (Enabled)

1: OFF (Disabled)

C.Fn-02: MODELING (Modeling flash)

0:  (Enabled (Depth-of-field preview button))

Press the camera's depth-of-field preview button to fire the modeling flash.

1:  (Enabled (Test firing button))

Press the transmitter's test flash button to fire the modeling flash.

2:  /  (Enabled (with both buttons))

Press the camera's depth-of-field preview button or the transmitter's test flash button to fire the modeling flash.

3: OFF (Disabled)

Disables the modeling flash.

C.Fn-03: AUTO CANCEL (FEB auto cancel)

You can set whether or not to cancel FEB automatically after shooting three shots with FEB.

0: ON (Enabled)

1: OFF (Disabled)

C.Fn-04: (FEB sequence)

You can change the order of the FEB sequence, 0: Standard exposure, -:Decreased exposure (darker) and +: Increased exposure (brighter).

0: 0 → - → +

1: - → 0 → +

C.Fn: Setting Custom Functions

C.Fn-07: TEST (Test firing with autoflash)

You can change the flash output when firing the test flash in E-TTL II/E-TTL autoflash mode.

0: 1/32 (1/32)

1: 1/1 (Full output)

C.Fn-08: AF (AF-assist beam firing)

0: ON (Enabled)

1: OFF (Disabled) The AF-assist beam is not fired from the speedlite transmitter

C.Fn-13: (Flash exposure metering setting)

0:  +  (Speedlite button and dial)

1:  (Speedlite dial only)

You can perform flash exposure compensation by directly turning <  >, without pressing the <  > button.

C.Fn-20: (Beep)

You can enable a beep to sound when the slave units are fully charged.

0: OFF (Disabled)

1: ON (Enabled)

C.Fn-22: (LCD panel illumination)

When a button or dial is operated, the LCD panel illuminates.

You can change this illumination setting.

0: 12sec (On for 12 sec.)

1: OFF (Disable panel illumination)

2: ON (Illumination always on)

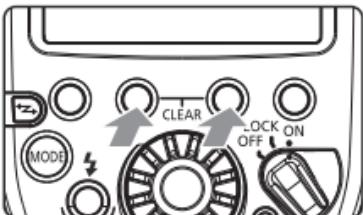
About the <LINK> Lamp

The color of the <LINK> lamp changes depending on the transmission status of the master unit and the slave unit.

Color	Status	Description	Action
Green	Lit	Transmission OK	-
Red	Lit	Not connected	Check the channel and ID
	Blinking	Too many units Error	Master units + slave units = 16 units or less Turn the power off and on again

- If the transmission channels of the master unit and slave unit are different, the slave unit does not fire. Set both to the same number, or set both to "AUTO".

Clearing Transmitter Settings

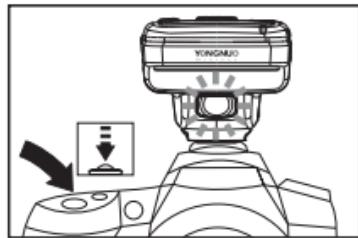


Press function buttons 2 and 3 simultaneously for 2 seconds or longer. The transmitter settings are cleared and the shooting mode returns to <ETTL> flash mode.

Reference

AF Assist Beam Emitter

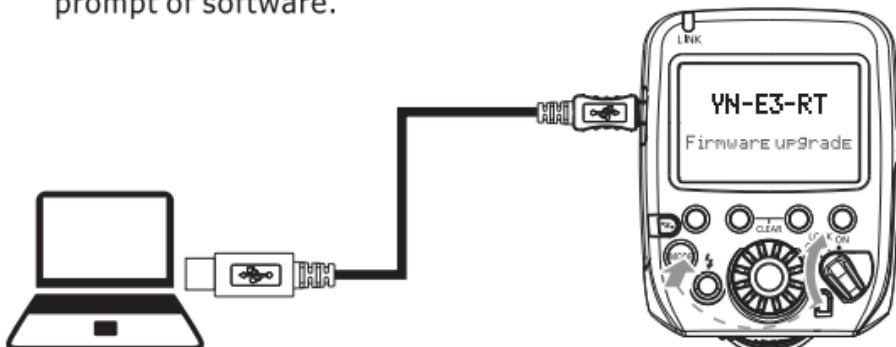
When using AF under low-light, the built-in AF-assist beam emitter of the speedlite transmitter will be emitted automatically to make it easier to autofocus.



- It needs using single autofocus for the lens.
- Enable or disable the AF assist Beam Emitter function through the camera menu custom function (P.24) or speedlite transmitter custom function (P. 25)(C.Fn8).

Firmware Update

1. Log in the YONGNUO official website (www.hkyongnuo.com) to download the firmware update software and the latest firmware.
2. Power off, use USB-MINIB cable connect to PC.
3. Press the <MODE> button and set the power switch to <ON>, the screen will enter into firmware upgrade interface.
4. Complete the firmware upgrade operation according to the prompt of software.



Troubleshooting Guide

Power does not turn on.

- Make sure that the batteries are installed in the correct orientation.
- Insert the mounting foot into the camera's hot shoe all the way, slide the lock lever to the right, and secure the transmitter to the camera .
- If the electrical contacts of the transmitter and camera are dirty, clean the contacts.
- The charge lamp lights when the wireless shooting (slave) is ready.

The power turns off by itself.

- The transmitter' s auto power off function has activated. Press the shutter button halfway, or press the test flash button .

The slave unit does not fire.

- Check that the slave unit supports radio transmission wireless flash shooting.
- Set the slave unit to < > <**SLAVE**>.
- Set the transmission channels and wireless radio IDs of the master unit and slave unit to the same numbers.
- Check that the slave unit is within the transmission range of the master unit.

Unable to use the AF assist beam emitter.

- Check the custom function C.Fn08.

Firmware update failed or the screen display the firmware upgrade interface all along.

- Disconnect, restart the equipment and try again.

The screen displays "ERROR: 2001"

- Try upgrade the firmware again.

Troubleshooting Guide

The picture is underexposed or overexposed.

- If there was a highly reflective object (glass window, etc.) in the picture, use FE lock).
- If the subject looks very dark or very bright, set flash exposure compensation.
- When high-speed sync is set, the effective flash range is shorter.

Position the slave unit closer to the subject.

- When using autofocus shooting with three firing groups A, B and C, do not fire with firing group C pointed toward the main subject.
- When shooting with a different flash mode setting for each firing group, do not fire with multiple firing groups set to <**ETTL**> or <**Ext.A**> pointed toward the main subject .

The picture is very blurred.

- When the shooting mode is set to <**Av**> and the scene is dark, slow sync is enabled automatically (the shutter speed becomes slower). Use a tripod, or set the shooting mode to <**P**> or fully automatic mode. Note that you can also set the sync speed in [Flash sync. speed in Av mode]

Cannot release from a slave unit.

- When an EOS camera which was released up to 2011, has remote control terminal and is compatible with E-TTL II/E-TTL autofocus is used to perform remote release from a slave unit or when it has been set as the slave unit during linked shooting, the shutter release cable “LS-MINIB/C3” or “LS-MINIB/C1” (sold separately) is necessary.

Specifications

Type:	On-camera Speedlite transmitter
Compatible cameras:	EOS type-A camera compatible with E-TTL II/E-TTL autoflash
Exposure control system:	E-TTL II/E-TTL autoflash, manual flash, stroboscopic flash, auto external flash metering*
Frequency:	2405 - 2475 MHZ
Modulation system:	FSK
Channel:	Auto. ch. 1 - 15
Wireless radio ID:	0000 - 9999
Slave unit control:	Up to 5 groups (A/B/C/D/E), up to 15 units
Transmission distance:	Approx. 100 m
Flash ratio control:	1:8 - 1:1 - 8:1, 1/2-stop increments
compensation:	Flash exposure ±3 stops in 1/3- increments
FEB:	±3 stops in 1/3- increments (when used with flash exposure compensation)
FE lock:	Press the camera's <M-Fn>, <FEL> or <*> button
High-speed sync:	Provided
Manual flash:	1/1 - 1/128 power (1/3-stop increments)
Stroboscopic flash:	Provided (1 - 500 Hz)

Specifications

Slave flash battery check:	On the master unit's LCD panel, the <  > icon lights, the slave unit's AF-assist beam emitter blinks and the charge lamp lights.
Flash exposure confirmation:	Flash exposure confirmation lamp lights
Modeling flash:	Fired with camera's depth-of-field preview button
Linked shooting:	Provided
Custom Functions:	9
AF assist Beam Emitter :	Provided
Firmware update :	Provided
Power source:	2 AA/LR6 alkaline batteries Ni-MH batteries
Wireless flash shooting time	Approx. time:10 continuous hours* *When using AA/LR6 alkaline batteries
Power saving:	Power off after 5 min. of idle operation
Dimensions:	Approx. 67.7 (W) x 66.7 (H) x 81.3 (D) mm
Weight:	Approx. 110 g (transmitter only, excluding batteries)

The functions of this user manual are based on test conditions of our company. Further notice will not be given if the design and specifications change.

The YONGNUO logo in this manual includes the registered trademark or trademark of Shenzhen Yongnuo Photography Equipment Co., Ltd in China or/and other countries(regions). All other trademarks are the property of their respective owners.

FCC ID: 2ACYPYN-E3-RT

SHENZHEN YONGNUO PHOTOGRAPHIC EQUIPMENT CO., LTD

Model name: Speedlite Transmitter



Model No.: YN-E3-RT

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.

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.