Digital - Audio - Player

XUKE

www.stormblue.co.kr

Table of Contents

Digital Audio Player, XUKE

Greetings from Stormblue

Thank you for purchasing XUKE MP3 player.

Xuke is the trademark of MP3 players developed and

manufactured by STORMBLUE located in Seoul, Korea.

Xuke MP3 players are focusing on those who are very concerned

about the sound and design as well as the color.

Please, visit our website at **www.stormblue.co.kr** to find

more about us.

[Characteristics of Multimedia player, XUKE]

1. **Photo Album and Slide show on 65K Color OLED (JPEG/BMP)**

2. **USB2.0 high speed**
3. **Li-polymer rechargeable battery (420mA) : More than 25 hours playback**
4. **FM Radio Listen & FM Recording by reservation (FM Auto Recording)**
5. **Voice Recording through both built-in microphone and external microphone**
6. **Support DRM and Lyric display (automatic and manual)**
7. **Direct Encoding**
8. **Digital Watch and alarm function**
9. **Support worldwide 40 languages**
10. **3D sound effect**
11. **Convenient and friendly GUI (Graphic user interface)**

[Cautions]

● **Do not shake or apply heavy shocks on the product**
It might be the cause of malfunction or damaged

● **Avoid contacting the product with water**
This may cause serious damage to the product. If the player gets
wet, wipe with a soft towel or rag as soon as possible.

● **When using your headphones/earphones**
Do not wear earphones while driving an automobile, bicycle, or
motorcycle. Not only it is   dangerous but also it is illegal in some
jurisdictions. Listening to the player at large volume level for
extended periods result in damaging your ears.

● **Turn on the player before you plug in the USB port**

● **To maintain good performance**

Avoid high or cold temperature
and moisture.

Do not drop or cause
impact upon
the product.

Do not have other
different things in the
product.

Avoid direct sunlight,
high temperature from
heating device.

Avoid placing the
product under high
moisture or dust level

Never disassemble,
repair or rebuild

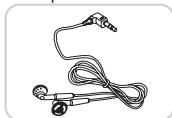Do not place any
magnetic device near
the product.

Do not use thinner,
alcohol, or benzene
when cleaning the
product

∗ Earphone should not be inserted into the player when the player
is recharged by USB Port from PC.

Product Introduction

[Included Accessories]

- Earphones
- USB Cable
- Line-in Cable
- Manual
- CD
- Neck Strap
- Carrying Case
- USB Jack / Case
- Arm Band(Optional)
- External Mic(Optional)
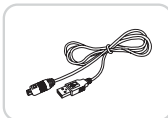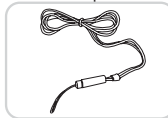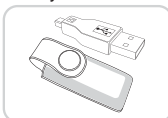
*Optional accessories
External microphone / AC charger / Armband
*Accessories could be changed without notice to increase the performance or quality of the product.

[Name of Parts / Function of buttons]

Front

USB Connector

65K Color OLED Display
Volume +
Jog key : short click (menu)
Long click (file navigation)
LED
FF(●●)
Volume -
REW(◀◀)
Microphone

MOBIKEY-MP3 SF21
XUKE
Mode
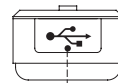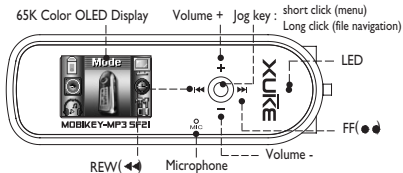
Tops & Side
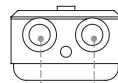
LINE IN
Earphone Jack
HOLD KEY
HOLD ▶
REC/A-B
Reset Button
R
▶/■/PWR
ON ●OFF / Play ●Pause
Recording/ A-B repeat / Return
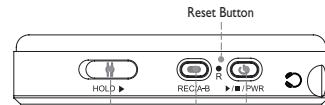
First step to use the player

[Connect XUKE to the USB port in the PC]

● **Connecting XUKE to computer**
 **Turn the player on by pushing and holding the power
 button before you connect it to your PC.**
 Then, the PC recognizes the player as a removable disk.
 (Earphone should not be inserted into the Player when the player
 is connected to PC)
 a. You can use mini USB jack included for direct connection to
   the USB port
 b. You can connect the player to the USB port using a USB Cable
   included.

MINI USB JACK
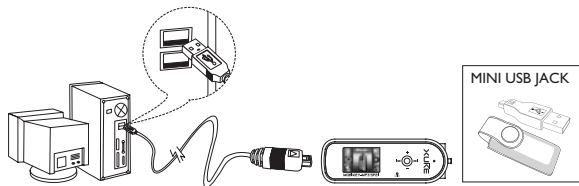
● **Charge your player**
 Just connect the player to the USB port. Then the charging lamp
 will be turned on.
 You don't need to turn on the player before connecting to the USB
 port if you want to just charge the player. When fully charged, the
 charging lamp will be turned out.

 **When the player is turned off. :
 The player is fully charged within 1.5 ~ 2 hours.**

 **When the player is turned on. :
 The player is fully charged within 4 to 5 hours.**

● **File upload/download (The player should be turned on before you plug in)**
   a. Open Windows Explorer and select the removable disk newly created.
   b. You can create many folders in the removable disk to sort out music files.
   c. Just copy or move any files including music files from your PC to a certain folder in your removable disk.
   d. You don't necessarily need to create folders and you can just copy/move files to the root directory of the removable disk without creating folders.
   e. You can delete/rename any files stored in the removable disk as same as you do in the PC.

● **Format the disk**
   Open Windows Explorer and click the removable disk by the right button of the mouse. Then click the format menu by the left button of the mouse.
   Caution : Format function will delete all files in the player. Backup all the important data before formatting the removable disk.

● **Disconnecting from the PC**
   Before unplugging the player from the PC, make sure to double click the Green Arrow icon on the right bottom task bar of the PC screen.
   When the dialogue box is displayed on the monitor, Click on the stop button to stop USB Mass Storage Device.

   When a new dialogue box appears, click "OK" to clearly remove the removable disk from your PC.

   • Caution •
   Fatal error may occur in the PC or the player if you remove the player without completing above procedures.

[Software Installation]

● **Install Image Editor program.**
   Insert the included CD in the CD-ROM drive and Run the 'image editor.exe' File.

   Using Image Editor(JPG/BMP File supported)
   a. Turn on XUKE and connect it to the usb port. Run the image editor program
   b. Click the 'open' menu and select images you want to store to the mp3 player
   c. Click the 'add' button and it will be converted and moved to the right chamber. Repeat this operation to each images you want to see in the mp3 player.
   d. Click 'save' button and a dialog box will be appeared.
      Then, select picture folder of the removable disk to save the selected images. 1 file contains many picture images and you can store many files to make your own photo album.
   e. Finish the program by clicking Exit button.
   f. Several image files that contains many photograph can be made this way

● **Firmware upgrade**
   XUKE help users do firmware upgrade very easily.
   a. Download the latest firmware from our website.
      If the firmware file is a zip file, plz unzip it before you proceed.
   b. Turn on XUKE and connect it to the usb port
   c. Make a 'firm_up' folder in the root directory of the player.
      Then, copy the firmware file to 'firm_up' folder.
   d. Safely remove the player from your PC.
      Enter the menu mode (by click on the jog key) and enter the system menu.
      Then, select 'firmware upgrade' menu and select 'yes'.
      Now, the player upgrade firmware by itself and turn off.
      (Refer to the 'firmware upgrade' section of the system menu)

   • Caution •
   For users whose OS version is Windows 98 or Windows 98SE

   Make sure to install the driver for Window 98/SE. It should be installed if you use Windows 98 or 98SE version. In Windows 98/SE, the player is not to be recognized as external USB drive without installing this drive. Do not install the driver if your OS is Windows ME/2000/XP.
   - Insert the provided program CD to the CD rom drive
   - Run the Driver for Win98/SE OS.

Detail Menu of XUKE

【Basic Operation to play music 】

● **Power On/Off**
Press and hold the Power ON/OFF (PLAY/STOP) button over 1 second to turn the power on.
Do the same again over 1 second to turn the power off.

Long click for power on or off / short click to play or stop the player

● **Playback of the Music/ Stopping (Pausing) the music**
Click the jog key shortly to enter the Menu. After you enter the menu, select mode menu by a click on the jog key. Then, select MP3 playing mode by a click on the jog key. You can start music by clicking the power key short.

● **Volume control and File navigation**
Push the jog key in + or – direction to increase or decrease the volume level.
Push the jog key in + or – direction to move forward or backward the files stored in the player.

● **REW/FF and Next song/ Previous song**
Push and hold the jog key in FF(◀◀) or REW(▶▶) direction to move forward or backward of the music on the go.
Push shortly the jog key in FF(◀◀) or REW(▶▶) direction to move to the next song or the previous song.

Long push for winding / short push for changing songs forward or backward

● **A-B repeat**
This function makes a repeated playback of designated part of music file. When you listen to the music in mp3 mode, press this button shortly to mark the start point. Then, press it again after a certain period of time to decide the repeating part. The player will play the designated part of the song repeatedly. To stop the A-B repeat, just click the same button again.

● **Using Hold button**
This function disables all the product's buttons to avoid unintentional button operation

● **Navigation mode**

You can enter navigation mode by long click on the jog key when you are in mp3 mode. REC/A-B Button cancel the navigation mode

1) You can select recording files to play as voice recording files, encoding files, and FM recording files in navigation mode.

2) Use volume +/- key to navigate and push FF (▶▶) key or REW (◀◀) key to enter/get out of the folders.

3) Push 'play' key to play those recording files.

FF (▶▶) key can do the same function.

[Menu Selection]

Short click

Press the jog key shortly to enter Menu. After you enter the menu, push the jog key in + or – direction to shift the menu. Press the jog key again to enter sub-menu when the cursor is on desirable menu.

[Menu switch by Jog key move in +/– direction]
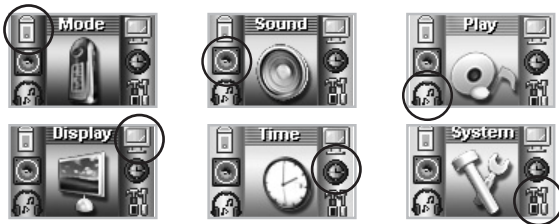
[Mode menu]

Press the jog key when the cursor is on the mode menu.

Short click
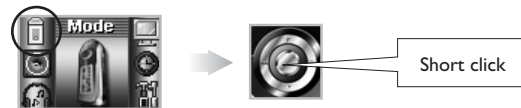
After entering the mode menu, push the jog key in + or – direction to shift the mode among MP3 mode, FM radio mode, Voice Recording mode, Line-in Recording mode (encoding) and photo album mode.

[Each mode]

| MP3 | FM | VOICE RECORDING | LINE-ENCODING | PHOTO |

*Click A-B/REC button to return to the previous stage.
*Click and hold A-B/REC button to return to the initial stage.
*Click the joy key to save the function.

[**Sound menu** (To adjust EQ, 3D sound and PAN)]

Press the jog key when the cursor is on the sound menu.

Short click

After entering the sound menu, push the jog key in + or – direction to select among EQ, 3D and Pan menu and then click the jog key to enter the submenu (EQ, 3D, PAN).

[Each mode]

*Click A-B/REC button to return to the previous stage.
*Click and hold A-B/REC button to return to the initial stage.
*Click the joy key to save the function.

EQ : Push the jog key in + or – direction to select your favorite EQ mode.
   (Flat, POP, Rock, Live, Classic, Vocal, D-Bass, User)
3D : Push the jog key in ◀◀ or ▶▶ direction to adjust 3D effect.
PAN : Push the jog key in ◀◀ or ▶▶ direction to adjust Left/Right sound balance.

[**Play menu** (Selection of Repeat, Folders, Play speed)]

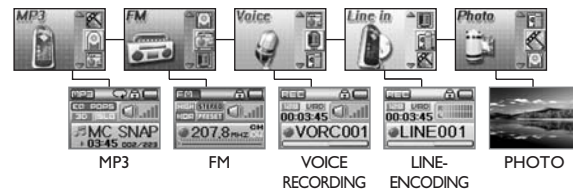Press the jog key when the cursor is on the play menu.
After entering the play menu, push the jog key in + or – direction to select among folder menu, playback menu and play speed menu and then click the jog key to enter the submenu (Folder, playback and Play speed)
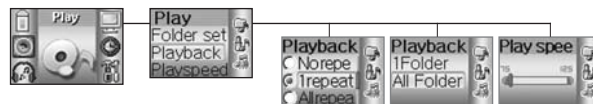
Folder : Push the jog key in + or – direction to select your favorite
         Folder mode.
         Folder1 : this means 'play the songs in the current folder'
         Folder all : this means 'play all songs in the player regardless of
                 folders division'

Playback : Push the jog key in + or − direction to select repeat mode.

Normal : no repeat

Repeat 1 : this means "repeat the current songs on the go"

Repeat all : this means "repeat all songs in the current

directory or in all directory"

Random : to play all songs in the current directory or in all

directory at random

Intro : to play initial 10 seconds of all songs in the directory for

overview.

Play speed : Push the jog key in ◀◀ or ▶▶ direction to adjust

the play speed of music files. (75% ~ 125%)

∗Click A-B/REC button to return to the previous stage.
∗Click and hold A-B/REC button to return to the initial stage.
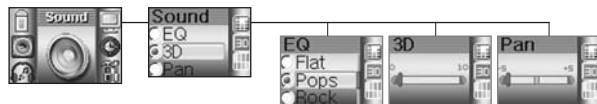∗Click the joy key to save the function.

[Display menu]

 Press the jog key when the cursor is on the Display menu.

After entering display menu, push the jog key in + or − direction to select among submenus

Play time : Push the jog key in + or − direction to select the way to show
the time of songs.
Elapse : to show the elapsed time of the song on the go.
Remain : to show the remaining time of the song on the go.

Song tile : Push the jog key in + or − direction to select the way to show
the information of songs.

Lyric : to display the lyric of the song on the go.

ID3 tag : to display the ID3 tag of the song on the go

File name : to display the file name of the song on the go.

Scroll speed : Push the jog key in + or – direction to select the scrolling speed of information.

Language : Push the jog key in + or – direction to select your favorite menu language.

(English and Korea is available. French will be supported by firmware upgrade later)

Back light time : Push the jog key in + or– direction to select the automatic off time of OLED.

This function help you save the battery time very much.

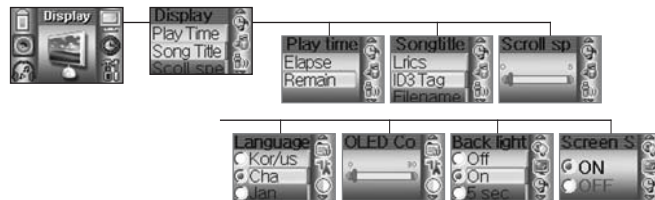**LCD saver** : Push the jog key in + or – direction to turn on/off this function.

∗Click A-B/REC button to return to the previous stage.
∗Click and hold A-B/REC button to return to the initial stage.
∗Click the joy key to save the function.

[Time menu]

Press the jog key when the cursor is on the time menu.

After entering time menu, push the jog key in + or – direction to select among submenus and then click the jog key to enter the submenu. When you need to proceed to the next step of menu, you have to click on the jog key.

Now : Adjust the current time

Alarm : Adjust the alarm time.

FM Reserv : Adjust the reservation time for automatic FM recording.

Stop watch : Stop watch function is available

Sleep off : Push the jog key in ◀◀ or ▶▶ direction to adjust the length of sleep off time.

Auto off : Push the jog key in ◀◀ or ▶▶ direction to adjust the length of automatic off time.
The player will be turned off if there is no operation for the adjusted period of time.

*Click A-B/REC button to return to the previous stage.
*Click and hold A-B/REC button to return to the initial stage.
*Click the joy key to save the function.

[System menu]

Press the jog key when the cursor is on the system menu.

After entering system menu, push the jog key in + or – direction to select among submenus and then click the jog key to enter the submenu. When you need to proceed to the next step of menu, you have to click on the jog key.
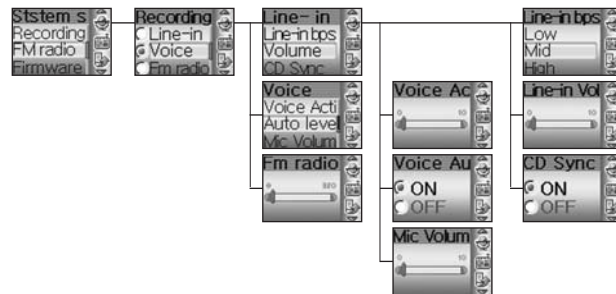
1. submenu-1 : Recording

a. Line-in Recording
- Line-in bps : Select the bps (resolution) of the recording
- Line-in volume : Adjust the volume of the recording
- CD sync : When you want to record CD track, turn CD sync function on to make respective mp3 files for each track.

b. Voice recording
- Voice active : The recording pauses when there is no sound. Select the sensitivity of this function
- Voice auto level : This function make automatic gain control for voice and sound.
- Mic Volume : Adjust the Volume of microphone. As the volume setting grows larger the noise level gets louder.
- Voice bps : select the bps (resolution) of the voice recording

c. FM Radio recording
- Select the bps (resolution) of the recording

2. submenu-2 : FM Radio
a. Region : select your region. This setting is important to listen to FM
b. Stereo : Select Stereo or Mono for your preference.

3. submenu-3 : Format
This function is to format the internal flash ram.
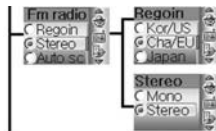
• Caution •

Format function will delete all files in the player. Backup all the important data before formatting the removable disk.

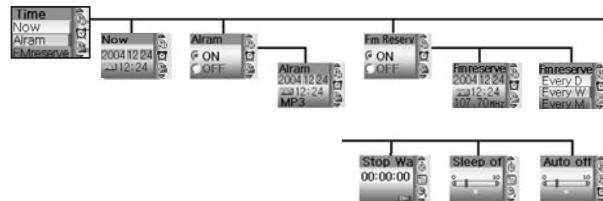∗Click A-B/REC button to return to the previous stage.
∗Click and hold A-B/REC button to return to the initial stage
∗Click the joy key to save the function.

4. Submenu-4 : USB mode
(this fuction will be supported later by firmware upgrade)
a. USB mode : You can use the player as external storage drive (removable disk)
b. MP3 mode : You can play the player during charging it

5. Submenu-5 : firmware upgrade
a. Download latest firmware from our website.
   If the file format is 'zip' file, plz unzip it before you proceed.
b. Turn on the player and connect it to the usb port.
c. Make a 'firm_up' folder to the root directory of the player.
   Copy the downloaded firmware file to the 'firm_up' folder.
d. Safely remove the player from your PC.
e. Then, enter the menu mode and enter the system menu.
   Select 'firmware upgrade' menu and select 'yes'
   Now, the player will upgrade firmware by itself and turn off

Other functions of XUKE

[FM radio]

Turn on the player by pressing and holding the power key.
Press the jog key shortly to enter Menu. After you enter the menu, select mode menu by pushing jog key. Then, select the FM menu.

Short click

Button	Long / Short	Mode	Operation
Power	short	Preset	Auto preset start/finish
		Scan	Show the Station no./ Save the Station No.
			Pause FM recording
			Restart FM recording
FF	long	Scan	Search stations increasing the frequency
	short	Scan	Increasing the frequency by 1 step
		Scan	Select the No. of the station increasing the number
		Preset	Next station
REW	Long	Scan	Search stations decreasing the frequency
	short	Scan	Decreasing the frequency by 1 step
		Scan	Select the No. of the station decreasing the number
		Preset	Previous station
MENU	Long		Switch between Preset Mode / Scan mode
	short		Enter MENU mode
A-B	short		Start FM recording / Finish FM recording

[Voice Recording]

Turn on the player by pressing and holding the power key.
Press the jog key shortly to enter Menu. After you enter the menu, select mode menu by pushing jog key. Then, select Voice recording menu.

Short click

Button	Button Touch	Operation
Play / Pause	short	Play the voice recording files(in MP3 Mode)
		Pause/Resume the recording.
MENU	long	Enter the Navigation Mode.(in MP3 Mode)
	short	Finish the voice recording mode
A-B/REC	short	Start to record.
		Finish the record.

[Line-in Recording]

Turn on the player by pressing and holding the power key.
Press the jog key shortly to enter Menu. After you enter the menu, select mode menu by pushing jog key. Then, select Line-in recording menu.

Short click

Connect your player and CD (or other sound resources) player.
(Connect Sound out pin hole of CD to the line-in pin hole of the player with the included line-in cable)

Button	Button Touch	Operation
Play / Pause	short	Play the encoding files(in MP3 Mode)
		Pause/Resume the encoding
MENU	long	Enter the Navigation Mode(in MP3 Mode)
	short	Finish the line-in recording mode
A–B/REC	short	Start to encoding external audio sources
		Finish the encoding

[Photo album]

Turn on the player by pressing and holding the power key.
Press the jog key shortly to enter Menu. After you enter the menu, select mode menu by pushing jog key. Then, select photo album menu.

Short click

Button	Button Touch	Operation
FF	short	Next image file
REW	short	Previous image file
Volume+	short	Next image (of Current file)
Volume-	short	Previous image (of Current file)
Menu(Jog key)	short	Enter the MENU/ Finish photo album mode
A-B/REC	short	Start/finish slideshow mode

Information

[Specifications]

XUKE SPECIFICATIONS	
File support	MPEG 1/2/2.5 Audio Layer 3 (8Kbps ~ 320Kbps) (8Khz ~ 48Khz) VBR WMA (20Kbps ~ 320Kbps) (8Khz ~ 48Khz)
Memory	128MB,256MB,512MB,1GB
PC interface	HIGH SPEED USB2.0
Speed	UP Load 7MB , Down Load 4MB
Power	Builtin Li-poly battery (420mA)
Charging time	90 minutes
Buttons	Play,REC,JOG,HOLD
Display	65K Color OLED 96 * 64 DOT
S/N	90dBA
Sound output	Earphones 32ß 6mW + 6mW
Frequency	20Hz ~ 20Khz
Play time	25 hours (in standard condition)
FM Frequency	76.0Mhz ~ 108.0Mhz
Recording time	46 hours (128MB)
EQ	POP,ROCK,CLASSIC,VOCAL,LIVE,D-BASS,FLAT,USER EQ,3D
OS support	Windows98/se/ME/2000/XP/2003/LINUX2.4 or later version,Mac8.6 or later version
Size	74 * 26 * 16m/m
Weight	35g (including battery)

Trouble shooting

● **Check the following list before requesting A/S.**

1. The Player does not power on
- Lock is in the HOLD position? (Release the hold)
- The batteries are exhausted? (Recharge the batteries)
- Click the Reset Button and initialize the player

2. No sound is heard from player or distortion is heard during playback
- Check whether VOLUME is set to "0" .
- Make sure that there are MP3 files in the memory
- Check whether plug is dirty.
- Corrupted MP3 or WMA files may make a static noise and the sound may cut off. Try with other files.

3. Characters on LED are abnormal
- Check the language is setting to "English" in MENU

4. FM Radio does not work
-Adjust the position of the player and earphones.
(The earphones works as antenna, they must plugged in for best reception)
- Turn off the power of other electric devices near the player.

5. Failed download
- Make sure the USB Cable is connected properly.
- Check the condition of the battery.

6. The player works abnormally or does not play
- Click the Reset button and initialize the player.

◯ Warranty

1. This product has been manufactured under strict quality and control inspections.

2. If the product breaks down during normal usage, our dealer or service center will fix the product for the period free listed in the warranty as below.

3. A service fee may apply after the warranty period or in case of the following.
   - If the problem was caused by the customer's misuse.
   - If any internal modification was done by the customer.

4. We do not reissue warranty certificate. Please store it in a safe space.

Product			
Model Name			
Customer	Name		
	Address		
	Tel		
Purchaser	Name		
	Address		
	Tel		
Date of Purchase	Month	Day	Year
Period of Warranty			

∗ For more warranty information and RMA service, please visit our web-site at http://www.stormblue.co.kr

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

Memo :

Memo :