

User Manual for D100 Video Camera



Please read before use!

Keep this manual and all related information for future reference.



Catalogs

Warning	1
Caution	1
About the Camera	2
System Requirements	2
Parts and Controls	2
Charging the Battery	5
Turning the Video Camera On/Off	6
Setting Up the Video Camera	7
Inserting and Formatting the Memory Card	9
Formatting the Memory Card	9
Using the Camera	10
Focus Function	11
Microphone Jack	11
Playback	11
To Playback on TV	12
Connecting to a Computer	12
Connecting to an App	13
System Requirements (Smartphone)	14
Camera Cleaning and Maintenance	15
Troubleshooting	15
Additional Notes	16

Warning

To reduce the risk of fire or electric shock:

1. Do not expose the unit to rain or moisture.
2. Do not place objects filled with liquids, such as vases, on the device.
3. Do not expose the battery to excessive heat, such as sunlight or fire.
4. Do not ingest the battery, as it contains hazardous chemicals that could cause burns.
5. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it out of reach of children.
6. If you think a battery may have been swallowed or placed inside any part of the body, seek immediate medical attention.

CAUTION

If the battery is not handled properly, the battery pack may rupture and cause a fire or even chemical burns, observe the following precautions.:

1. Do not disassemble.
2. Do not squeeze the battery or subject the battery pack to any shock or force, such as hammering, dropping or stepping on it.
3. Prohibit short-circuiting and prohibit metal objects from touching the battery terminals.
4. Do not expose the battery to temperatures above 60°C (140°F), such as exposure to direct sunlight or parked cars in the sun.
5. Do not burn or discard in a fire.
6. Do not dispose of damaged or leaking lithium-ion batteries.
7. Keep the battery pack out of the reach of children.
8. Keep batteries dry.
9. Replace only the specified type of battery. Failure to do so may result in explosion, fire or injury.
10. Dispose of used batteries according to the instructions.
11. When using the AC adapter/battery charger, use a nearby wall outlet (wall socket) If any malfunction occurs, disconnect the plug from the wall outlet (wall socket) immediately to disconnect from the power source. If you use a product with a charging lamp, note that the product is not disconnected from the power source even when the charging lamp is turned off.
12. Do not use an AC adapter/battery charger placed in a narrow space, such as between a wall and furniture.

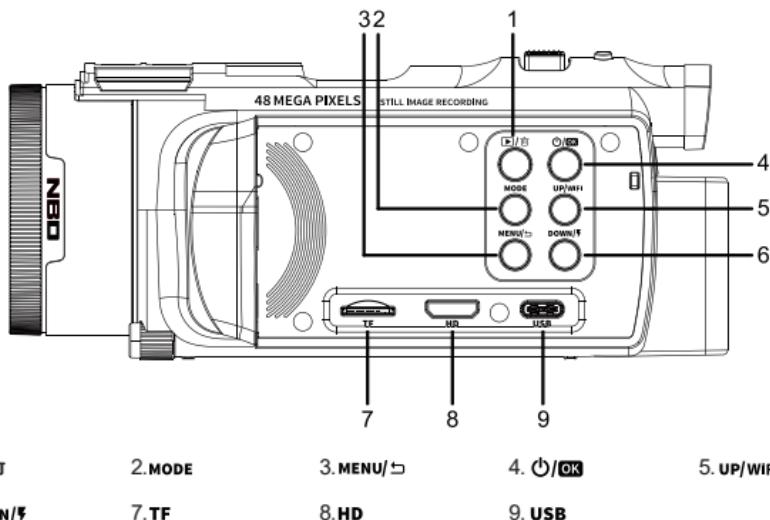
13. If static electricity or electromagnetic interference causes an interruption (failure) during data transmission, restart the application or disconnect and reconnect the communication cable (USB, etc.).

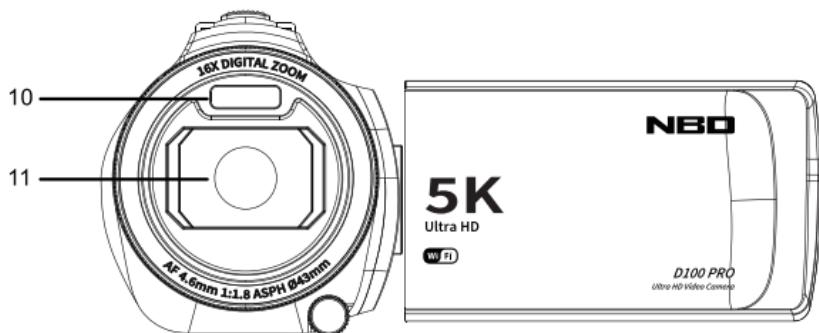
About the Camera

System Requirements

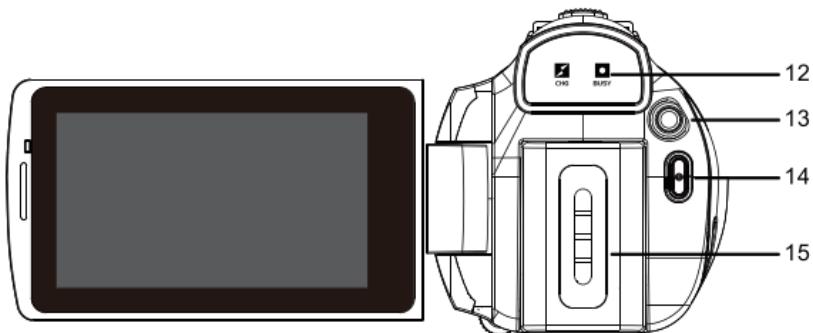
Users can transfer videos and photos to a computer with the following configuration: Intel Pentium 2.0GHz or higher/Microsoft wiXP or higher operating system 2GB of RAM 40GB or more of available disk memory/Standard USB port/1GB GPU or higher 1920x1080 pixels or higher resolution.

Parts and Controls

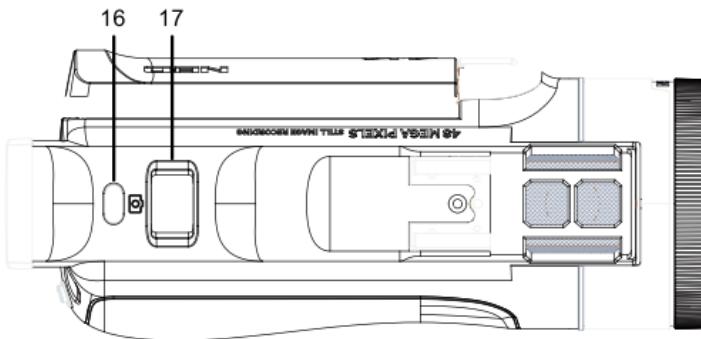




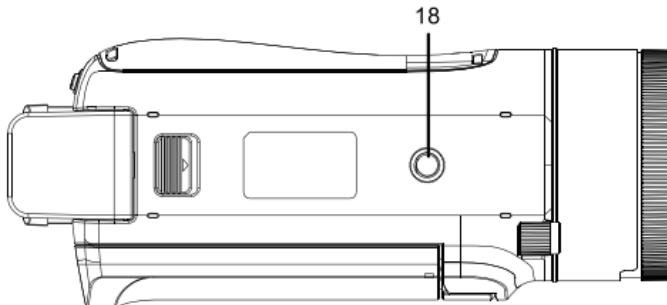
10.Fill light 11.Lens



12.Indicator light 13. External microphone jack
14. Record button 15. Battery



16. Photo/Focus 17. Zoom in/out



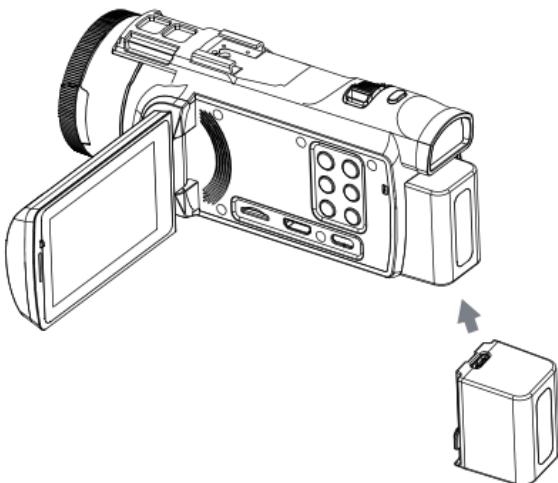
18. Tripod Hole

Buttons/Indicators	Feature
	Playback/Delete
MODE	Function Mode
MENU/	Menu/Return
	Power Off /Confirmation
UP/WiFi	Up (Forward) Select/Wi-Fi
DOWN/	Down (Backward) Select/Light Function Switch
TF	TF Card Slot

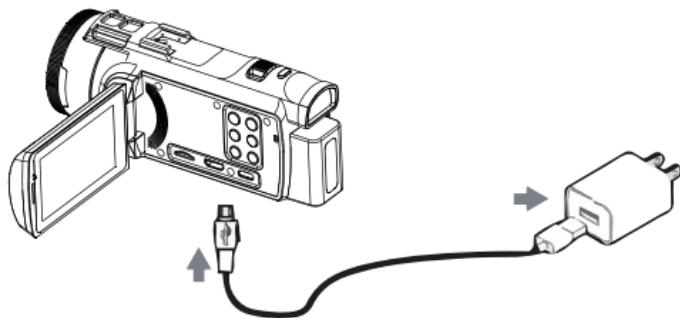
HD	HD Port
USB	USB Port
Fill light	LED Light
Lens	AF Auto-Focus Lens
Indicator light	Charging/Working Indicator Light
External Microphone jack	External Microphone Jack
Record button	Video function button
Battery	External Replaceable Battery
Photo/Focus	Photo button
Zoom in/out	Digital Zoom Lever
Tripod Hole	1/4 Inch Standard Thread

Charging the Battery

1. Disconnect the power to the camcorder, and then insert the battery in the direction shown in the following figure.



2. You can use the provided USB cable to charge the camera via an adapter (5V/1A~5V/2A) or connect it directly to a PC.



*When the battery is charging, the charging indicator lights up in red.

*When the battery is fully charged, the charging indicator will automatically turn off.

*This product does not come with an adapter that needs to be configured by the user.

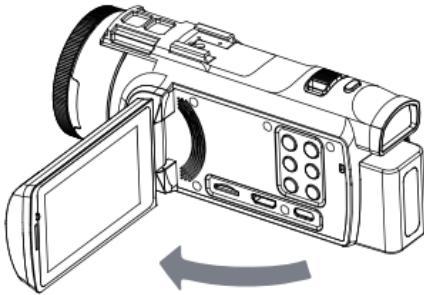
3. Charge the battery with a standard external charger.



*When the battery is charging, the external charger charging indicator lights up as a flashing white color. When the battery is fully charged, the indicator light will change to white four cells. Normally, it takes about 2 hours to fully charge the battery. When the battery is fully charged, the continuous ridge shooting time is approximately 90 minutes.

Turning the camera on/off

Turn on the display and the camera will automatically turn on.

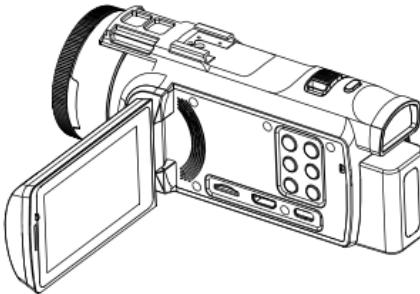


You can also turn on the camera by pressing the power button. To turn off the camera, either close the display or press the power button.

It takes 3 seconds to turn on the camera by opening the display. If you open and close the display twice within this time, the camera may not turn on or off properly. Please wait for the device to complete the shutdown process before operating it again.

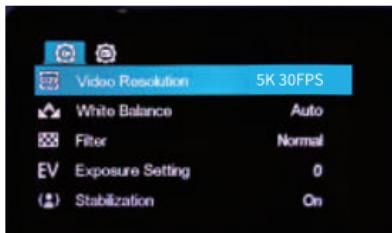
Setting Up the Video Camera

You can customize the camera settings. After turning on the camera, press the menu button to open the menu (below is the menu for video recording mode).



Submenu for Current Mode

Option Settings

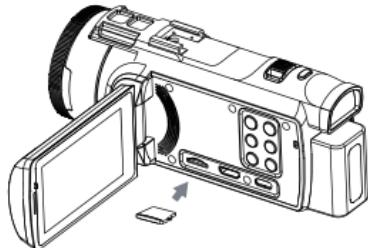


Recording Mode Menu	Option Settings
Video resolution	5K 30FPS、2K 30FPS、1080P 30FPS、1080P 60FPS、720P 60FPS、720P 120FPS、1088P 30FPS
White balance	Auto, Daylight, Cloudy, Fluorescent, Incandescent
Filters	Original, Black & White, Natural, Negative, Warm Tone, Contrast
Exposure Setting	3、2、1、0、-1、-2、-3
Stabilization	On/Off
Metering Mode	Center-weighted Metering, Average Metering, Spot Metering
Video Quality	Ultra High Quality, High Quality, Standard
Angle	High, medium and low
Fast motion recording	Off, 2x, 4x, 6x, 10x, 16x
Image Perspectives	Wide, Medium, Narrow
Icon Display	On/Off
Image Rotation	On/Off
Focus Mode	Auto Focus, Manual Focus
Time Stamp	Off, Date, Date & Time

Menu	Option Settings
Language	English, 简体中文, 繁體中文, Español, Italiano, Português, Deutsch, Français, Polski, Русский, 日本語, 한국어, ภาษาไทย, Nederlands
Date & Time	customizable
Open the flip screen to power on	On/Off
Shutdown	On/Off
LED indicator	On/Off
Screen saver	30 seconds, 1 minute, 3 minutes, 5 minutes, off
Auto Power Off	1 minute, 3 minutes, 5 minutes, off
Light source frequency	50 Hz, 60 Hz, Automatic
Format Card	Yes / No
Card info	Yes / No
Factory Reset	Yes / No
WIFI	1.Wi-Fi hotspot: open, close 2.Wi-Fi SSID: 5K WIFI can be changed by pressing key 3.Wi-Fi password: 12345678 You can change the wifi password by pressing the key. 4.Reset Wi-Fi Hotspot: Yes, No 5.WIFI Channel: Auto,01,02,03,04,05,06,07,08,09,10,11,12,13
Sounds Setting	Shutter: on, off Boot Sound: on, off Touch-tone: on, off Volume: 0, 1, 2, 3 Recording Audio: on, off

Insert and Format the Memory Card

It's recommended to use a Class 10 or higher speed memory card for normal operation: Open the screen cover, insert the memory card until you hear a "click" sound.



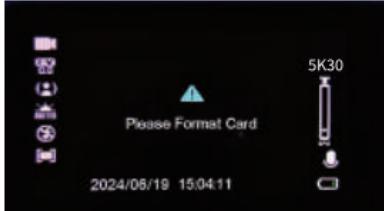
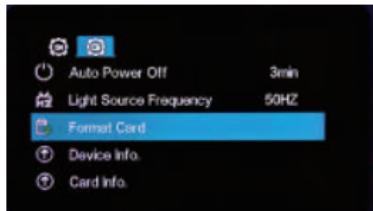
It's recommended to use a Class 10 or higher speed memory card for normal operation: Open the screen cover, insert the memory card until you hear a "click" sound.

To remove the memory card, open the cover and gently push the card; it will eject automatically.

Format the Memory Card

It is recommended to format the memory card before first use.

To format the memory card, press the menu button, then click on the "System Settings" icon to open system settings. Use the up/down buttons or swipe on the screen to navigate to "Format Card", then click "Format Card".



Note: Formatting the memory card will erase all stored data, and the data cannot be recovered. Before formatting, make sure to save important data on your computer.

Using the Camera

After powering on the camera, the default mode is video capture mode. Press the mode button or tap the mode icon on the screen to select the desired mode.



Mode	Description
Normal Video	Normal Video Recording Mode
Time Lapse	Time-lapse Recording
Slow Motion	Slow Motion Recording
Loop Recording	Infinite Loop Recording
Normal Photo	Capture a Normal Photo
Time-lapse Photo	Time-lapse Photography

Focus Function

Due to variations in camera models and versions, not all models support focus functionality. Please refer to the actual model specifications. (This camera is fixed focus and does not support zoom functionality.)

Microphone Interface

This camera supports an external microphone with a 3.5mm connector. Note: This connector does not support headphone access.

Playback

Open the touchscreen, press the MBDIA button to open playback. Scroll down on the icons on the screen or press the down button to go to the end, then click "OK". Press the up/down buttons to scroll through and browse images stored on the memory card.



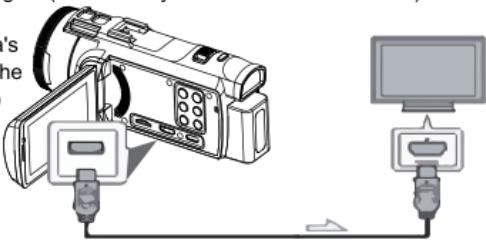
- 1: Photo Playback
- 2: Date & Time
- 3: Photo Size
- 4: Current Image/Total Images



- 1: Video playback
- 2: Date & Time
- 3: Video Time/Video Size
- 4: Current Video/Total Videos

To Playback on TV

The HDMI port on this camera is solely for connecting to an HD TV and cannot be used with a computer. Insert one end of the HDMI cable into the camera's HDMI port and the other end into the HD input port on your TV. Note that before connecting or disconnecting the HDMI cable, stop recording or playing images. (Make sure your TV is set to HD mode.) Use a mini HDMI to HDMI cable. Note: Once connected to an HD TV, the camera's display will automatically switch to the TV, and the camera's screen will go black. This is not a malfunction.



Signal Flow

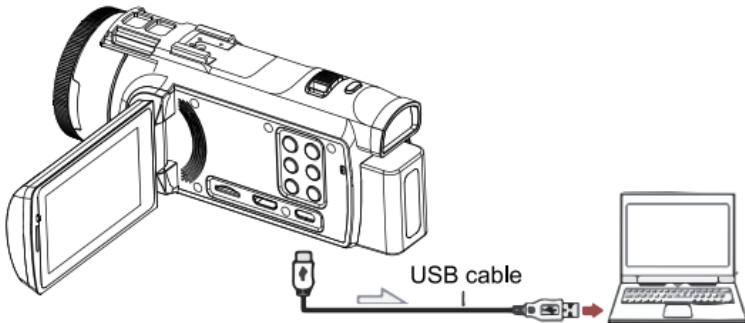
HDMI Cables

Connecting to a PC

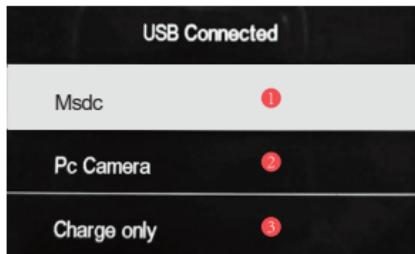
Connecting the camcorder to a computer allows you to transfer images to a computer or use the camcorder as a PC camera.

1. Connect the camcorder's Type-C

USB port of the camcorder and the USB port of the computer



2. The camera will automatically power on and the screen will then display the available options.



Confirm the settings by clicking on the desired option or by pressing the Up/Down buttons and then the Power button.

1: Msdc

"Msdc" allows the computer to display the camera's memory card as a disk, enabling file transfer to and from the memory card.

2: PC Camera

Selecting "PC Camera" mode allows the camera to be used as a webcam for activities like live streaming. Note: While in PC Camera mode, only the digital zoom lever on the camera can be operated; other functions are not available.

3: Charging Only

Selecting charging mode allows the camera to charge while supporting normal recording functionality. It's faster to fully charge the camera by turning it off than by continuing to supply power.

Connecting to the App

Using the camera's built-in Wi-Fi allows you to operate the camera (take photos/videos) and easily download photos/videos to your smartphone. Scan the QR code to download the app and connect to the camera's Wi-Fi network.

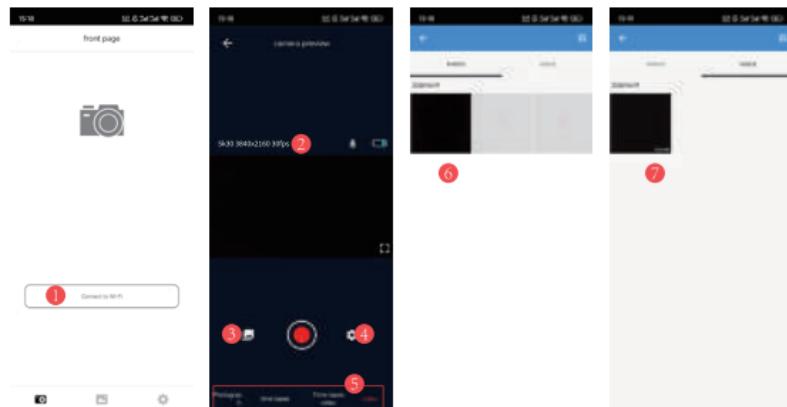


To connect:

1. Open Wi-Fi on your smartphone or tablet.
2. Go to Settings > WLAN and select "5K WIFIxxxx" (replace xxxx with your camera's Wi-Fi network name).
3. Follow the camera's screen instructions to enter the password. Note: The camera's Wi-Fi is only for connecting to smartphones and cannot access social networks.

System Requirements (Smartphone Requirements):

- Android: Version 6.0 or higher
- iOS: Version 8.0 or higher



- 1: Tap to view real-time view and control camera via app.
- 2: Current resolution.
- 3: View images/videos stored on camera's memory card
- 4: Camera settings.
- 5: Switch between different camera modes.
- 6: Saved photos.
- 7: Saved videos.

Camera Cleaning and Maintenance:

- 1.If you're not using the camera for a long time, remove the battery and store it in a dust-free, dry environment with temperatures not exceeding 30°C.
- 2.To extend battery life, fully discharge it before storage.
- 3.After fully charging, discharge the battery at least once every 3 months.
- 4.If there is dust or dirt on the lens or screen, gently wipe it with a clean, soft lens cleaning cloth.
- 5.As this device is a precision instrument, avoid dropping it or exposing it to strong impacts or vibrations.

Troubleshooting:

If you encounter issues with your camera, refer to this section.

1. Camera does not turn on after installing the battery:

- (1)Low battery power: Replace with a new battery or charge the battery.
- (2)Ensure the battery is installed correctly.

2. Battery not charging:

- (1)Red charging indicator flashes: Battery not seated properly or poor contact. Reinstall the battery until the indicator lights up (indicator goes off when battery is fully charged).
- (2)Charging indicator off: Incorrect charger connection. Check if the charger is functioning properly.
- (3)Environment temperature below 10°C may slow down or fail charging.

3. Camera crash

- (1) Rapidly pressing each button on the camera may cause the camera to shut down
- (2) After the battery crashes, unplug the battery and reboot.

"Tip:Do not press the camera buttons quickly while the camera is recording or taking pictures. Under normal circumstances, the camera will display a wait icon.

4. This memory card cannot be recognized:

- (1)Please check if the memory card complies with TF card (Class 10), the maximum value is not more than 256G.
- (2)Please check if the memory card has been inserted backwards.
- (3) When the memory card is used for the first time in the camera, it is recommended to format it on the camera first. If it still doesn't work, format it on your computer first, then put it in the camera and format it before using it.
- (4) Please make sure that the memory card is not locked (shown on the side).
- (5) Please choose the correct brand of memory card, and a card without an adapter.

Additional Notes

- (1) Do not insert any objects into the slot except for the memory card.
- (2)The camera may display an unstable image for a few seconds after the power is turned on, but this is not a malfunction.
- (3)Due to the optical characteristics of the lens, there may be dispersion at the edges of the image. This is not a malfunction of the camera.
- (4) It is normal for the memory card to become warm after a longer period of use.
- (5) It is normal for the camera's screen to become warm after a long period of use.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

Specific Absorption Rate (SAR) information:

This Communicator meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.

Device types: Communicator has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the device kept 0 mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of the device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.