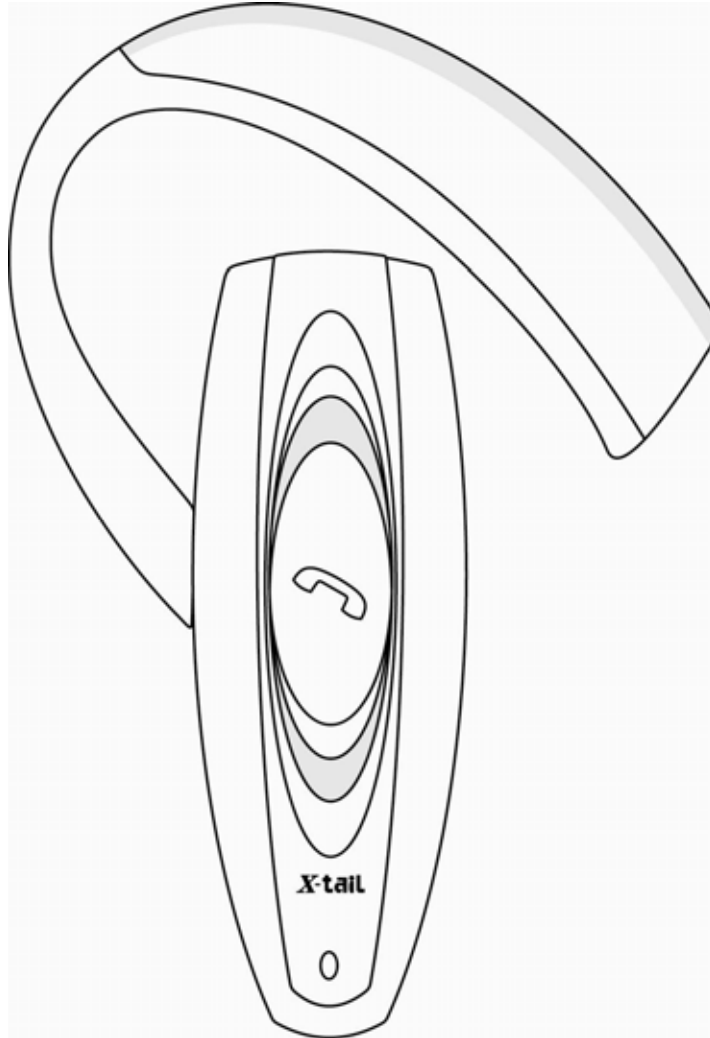




X102 Handsfree



User Manual



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Introduction

What is Bluetooth Wireless Technology?

Bluetooth wireless technology is set to revolutionize the personal connectivity market by providing connectivity between mobile computers, mobile phones, portable handheld devices and much more. Bluetooth wireless technology redefines the very way we experience connectivity.

The X102 Handsfree lets you wirelessly connect to the Bluetooth mobile phone supporting Headset profile or Handsfree profile.

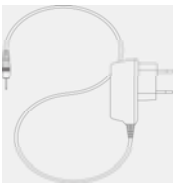
Please read this user manual carefully before you start using the headset.

What is Included in this package?

- X102 Handsfree



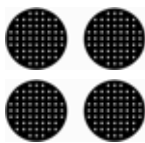
- Switching Adapter



- Y-Cable



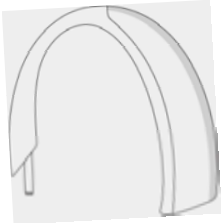
- Four Cushions



- Hanging String

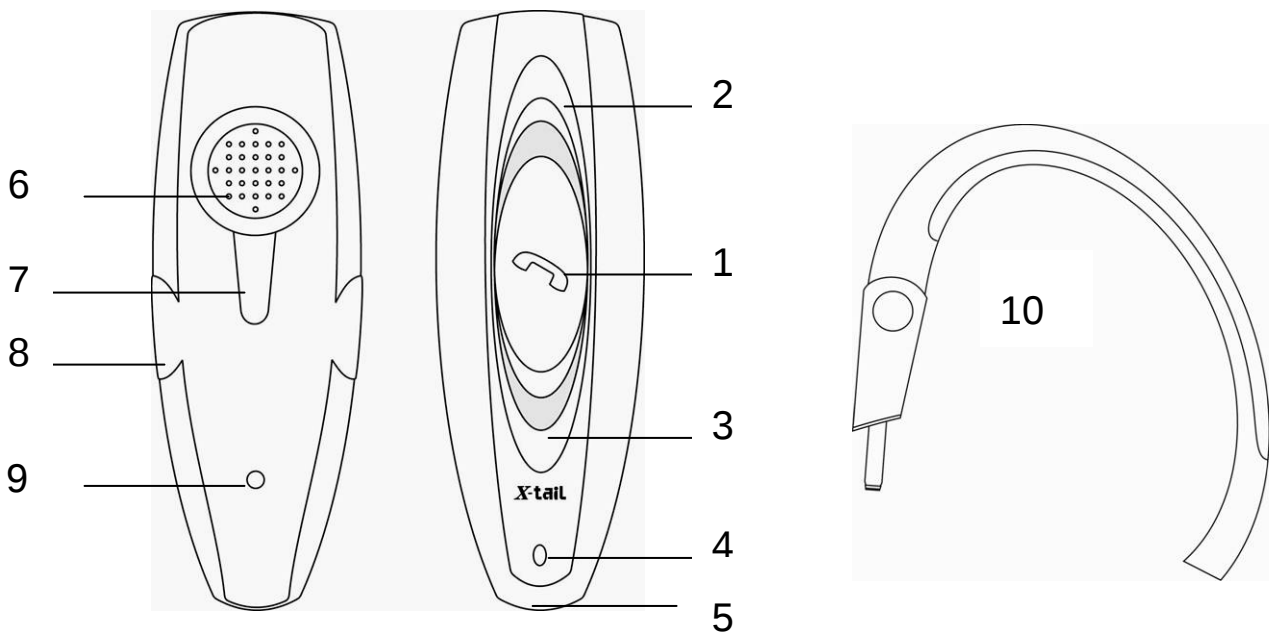


- Recharge-able Earhook (optional)



Headset Features

- | | |
|--------------------------|--|
| 1. Talk Button | Turns the headset on/off, answers/ends a call, pairs the headset with a device, and is used for voice dialing. |
| 2. Volume Up Button | Increases the speaker volume. |
| 3. Volume Down Button | Decreases the speaker volume. |
| 4. Headset LED Indicator | Indicates the headset status. |
| 5. Microphone | Picks up the voice inputted. |
| 6. Speaker | Plays the sound received. |
| 7. Earpiece Arm | Securely holds the headset in the ear. |
| 8. Socket Port | Charges the headset and connects the earhook to the headset. |
| 9. Reset Button | Re-initializes the headset. |
| 10. Earhook | Attaches the headset over the ear. |



Charging the Headset

First-time charge

Before using the headset for the first time, you have to charge its self-contained battery for 2.5 hours to get a full charge.

Recharging

When the battery is low, the headset LED indicator starts flashing red, and a warning tone will be heard. The low battery warning tone will start 3.5 hours while in standby mode or 8 minutes while in talk mode before the headset runs out of power. The warning tone will stop once the rechargeable earhook is plugged into the headset. However, the warning tone will last for several minutes if the rechargeable earhook is used after the headset runs out of the power.

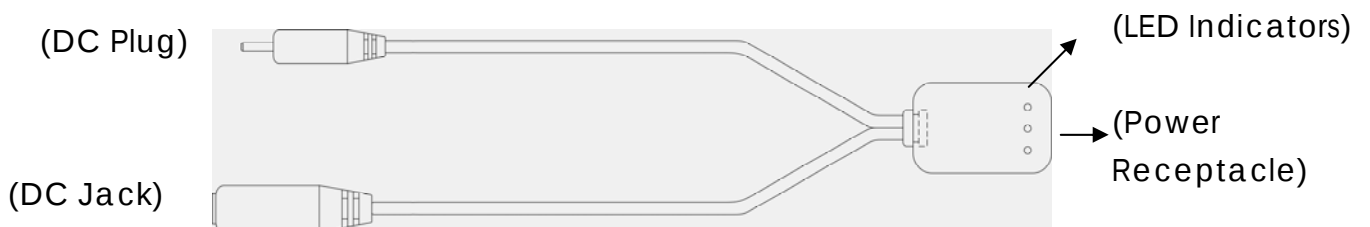
Certainly, you can recharge the headset at any time without first draining the battery. To keep the battery in good condition, always recharge the headset once a month if the battery is completely discharged.

A fully charged headset provides:

- Talk time: Up to 6 hours
- Standby time: Up to 120 hours

Knowing the Y-Cable

- DC Jack: Plugging into the earhook
- DC Plug: Plugging into the headset
- Power receptacle: connecting to the switching adapter
- LED Indicators: Showing the charging status

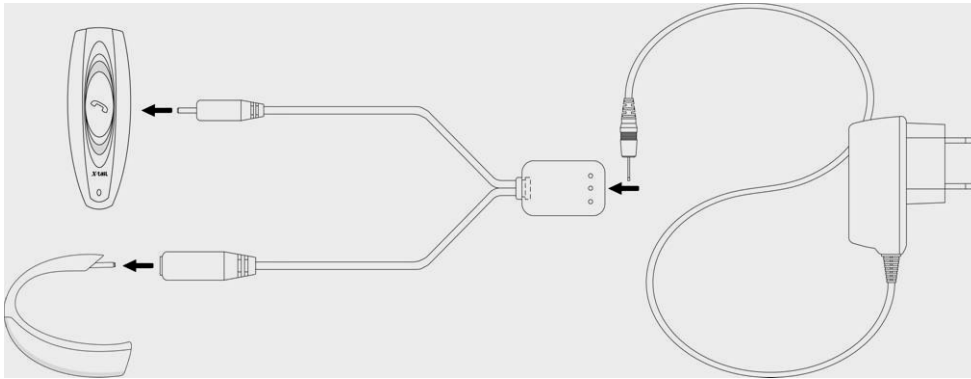


How to charge the headset:

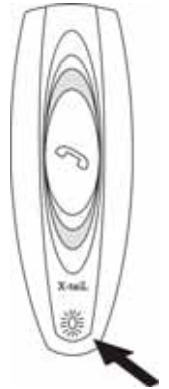
1. The headset must be charged at room temperature.
2. Connect the switching adapter cord to the power receptacle located on the Y-Cable, and plug the switching adapter into an

electrical outlet. The orange LED indicator on the Y-Cable turns on.

3. Attach the DC plug to the headset's socket port.



4. When the battery is completely charged, the LED indicator on the headset turns green.
5. You can now remove the headset from the DC plug, and unplug the switching adapter from the electrical outlet.



During charging, if a call comes in while the headset is turned on, you can pick up the headset from the Y-Cable to accept the call.

NOTICE: The socket ports can be used to either charge the headset or connect the earhook to the headset.

How to charge the rechargeable earhook:

The rechargeable earhook has a built-in battery. It can replace the original earhook (without battery built in) supplied to provide additional power to the headset, and greatly extend talk and standby time.

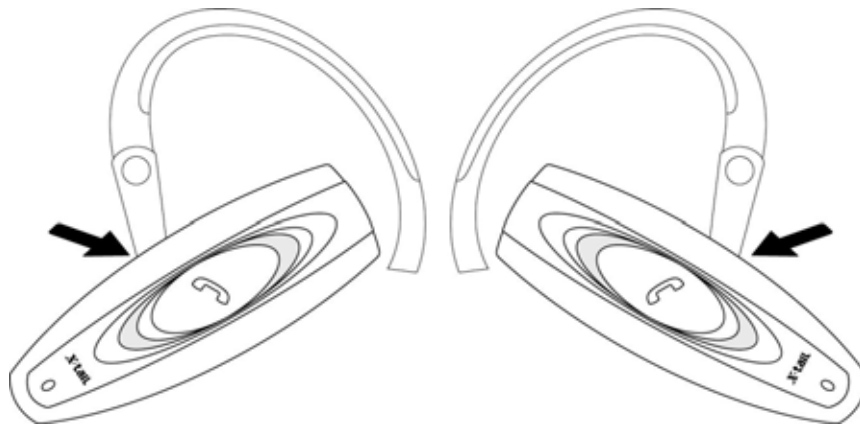
1. Repeat step 2 above.
2. Connect the rechargeable earhook to the DC jack.



3. During charging, the red LED indicator on the Y-Cable shows a steady light.
4. When charging is complete, the LED indicator turns green.

Putting on the Headset

The X102 Handsfree is designed to be worn on either ear. Its earpiece arm features an adjustable as well as a 90 degree rotatable design that gives a secure fit to your ear.

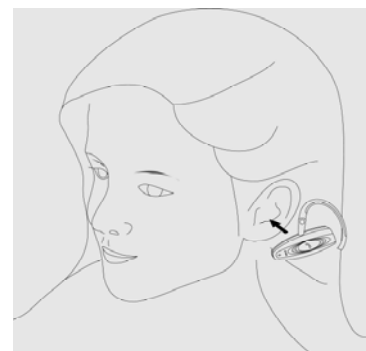


The earhook can be connected into the socket port by either side of the headset, please see above.

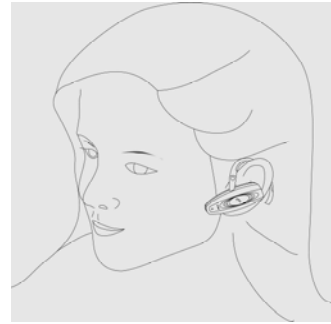
IMPORTANT: Please follow the above instructions to insert the earhook and avoid vertical insert. Also, be careful when you are adjusting the earhook's angle. Do not force it too much or damage may occur.

Placing the headset on your ear

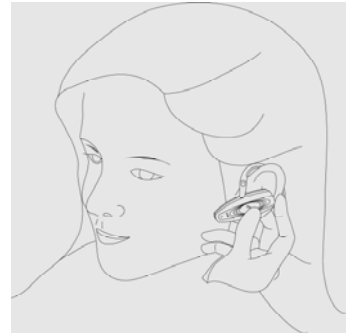
1. Directly put the earpiece into your outer ear canal.



2. Loop the earhook over your ear.



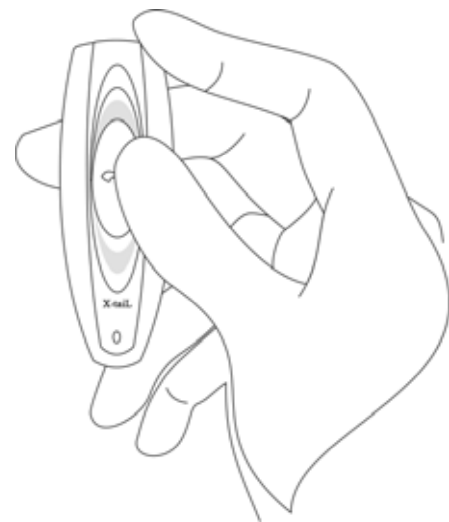
3. Adjust the earpiece arm to stabilize the headset. The microphone should be positioned toward to your mouth.



Turning the Headset On/Off

To turn the headset on

1. Press the talk button for about 5 seconds until you hear a low tone followed by a high tone. The headset LED indicator flashes blue 5 times.
2. The headset turns on and enters standby mode. The headset LED indicator continuously flashes blue every 3 seconds.



To turn the headset off

1. Press the talk button for about 2 seconds until you hear a high tone followed by a low tone. The headset LED indicator flashes red 5 times.
2. The headset turns off and the headset LED indicator no longer blinks.

Pairing the Headset

Before using the headset, you must first pair it with a Bluetooth wireless technology enabled device, such as a Bluetooth mobile phone.

NOTICE: Pairing must be done every time while the headset establishes a link with a different Bluetooth wireless technology enabled device. Pairing mode can only be entered from the power off mode. During pairing, it is strongly recommended that the headset and phone distance is as close as possible with no objects in between.

To initiate pairing with a mobile phone:

1. Please turn off the headset.
2. Make sure that the mobile phone is turned on.
3. Press the talk button to turn on the headset, and keep the talk button pressed for **2** seconds until the headset LED indicator alternates between blue and red. The headset is now ready for pairing process with the mobile phone.
4. Perform a device discovery from the mobile phone. (For details on device discovery, please consult your phone's user's guide.)
5. Once the mobile phone discovers the headset, the device name **X-102 HF** appears on the phone's screen.
6. Follow the phone instructions to accept pairing. When prompted to enter the passkey, enter the number: **0000**.

NOTICE: It may take several seconds to establish connections.

7. If time runs out after 60 seconds and the pairing fails, you will have to repeat the steps above. You can view the status from the phone's screen.
8. After completing pairing, the phone's screen will notify you that the pairing was successful. The headset LED indicator continuously flashes blue, and the headset goes into standby mode. You are ready to make and receive calls.

Placing a Call

You can make a call through:

Dialing a number from your mobile phone

1. Dial the phone number from the mobile phone's keypad.
2. Press the phone's MAKE/ACCEPT Call key to make a call.
3. The call automatically transfers to the headset.

Voice dialing

To use voice dialing, this functionality is only available if the mobile phone supports voice dialing. For details on voice dialing, please see your phone's user's guide.

1. Press the talk button once on your headset.
2. After a short tone sounds, speak the name of the person you hope to reach (if the voice tag of the person has been added to your phone).
3. The phone automatically dials the number. You can see the details of the call from the phone's screen.

Redialing the last number

To redial the last number, press either the volume up button or volume down button for 3 seconds. The function is only available for mobile phones supporting Handsfree profile.

NOTICE: Make sure the headset and mobile phone are in the link stage. For the examples of Sony Ericsson and Nokia mobile phones, the  and  symbols mean that the linking between headset and phone is established. For Nokia mobile phone, it is necessary to press the talk button once to make the  symbol on the phone while the headset is disconnected or power off.

Receiving a Call

When a call comes in, the headset rings and the LED indicator flashes blue every 3 seconds. You can either press the talk button once on the headset or press the MAKE/ACCEPT Call key on your mobile phone to answer the call.

NOTICE: If the mobile phone rings first, wait until you hear a ring tone from the headset, and then press the talk button to answer the call.

Ending a Call

To end a call, press the headset's talk button once or press the phone's END key. The headset returns to standby mode.

Rejecting a Call

To reject an incoming call, press the headset's talk button for 2 seconds. The function is only available for mobile phones supporting Handsfree profile.

Volume Control

During a call, you can adjust the headset speaker volume by using the volume up and volume down buttons. An audio tone is played for each volume up and volume down step.

Press the volume up and volume down buttons to reach your desired volume level.

Transferring a Call

To transfer a call from the headset to the mobile phone, initiate it from the mobile phone. (Refer to your phone's user's guide)

To transfer a call from the mobile phone to the headset, press the talk

button once.

Mute/Un-mute

To mute the headset sound during a call, press the volume up button or the volume down button for 2 seconds until you hear 2 low beeps repeated every 2 seconds. To un-mute, press the volume up button or the volume down button once.

This function enables you to hear all sounds coming from the person on the other side, but the person cannot hear your voice.

Resetting the Headset

If the headset does not function normally, you can try to reset the headset to resolve most problems. To reset the headset, press the reset button at the bottom of the headset once, and then turn on the headset. Resetting won't delete previously stored pairing information.

NOTICE: The X102 Handsfree supports both Headset and Handsfree profiles. Some mobile phones don't support all functions listed above. Please consult your phone's user's guide.

Headset LED Indicators

Headset State	LED State
Charging complete	Green LED on (charging the headset)
Power on	Blue LED flashes 5 times
Power off	Red LED flashes 5 times
Pairing mode	Blue and red LEDs flash alternatively until the pairing is complete or time out.
Standby mode – Sony Ericsson	Blue LED flashes once every 3 sec.
Standby mode – Nokia	Blue LED flashes 3 times every 3 sec.

Headset State	LED State
Incoming call – Sony Ericsson	Blue LED flashes 3 times every 3 sec.
Incoming call - Nokia	Blue LED flashes 4 times every 3 sec.
Talk mode	Blue LED flashes 4 times every 3 sec.
Low battery	Red LED flashes instead of blue LED.

Y-Cable LED Indicators

Y-cable State	LED State
Power on	Orange LED on (plugged into an electrical outlet)
Charging in process	Red LED on
Charging complete	Green LED on

The red and green LEDs are used to indicate the status of the rechargeable earhook while charging.

Audio Tones

Headset State	Audio Indication
Power on	A low tone followed by a high tone
Power off	A high tone followed by a low tone
Pairing mode	No audio tone
Low battery (Talk mode)	5 rapid tones
Low battery (Standby mode)	Warning tones repeated every 20 seconds
Incoming call – Sony Ericsson	A ring tone every 2 seconds
Incoming call – Nokia	The same ring tone depends on the phone
Mute	2 low beeps every 2 seconds
Un-mute	Single tone

Specifications

Standard	Compliant with Bluetooth specification v1.1
Chipset	BlueCore2-Audio single chipset
Profile Supported	Bluetooth Headset profile
Radio Frequency	2402 MHz ~2480 MHz
Transmitter Power	Class 2 (max 4dBm)
Transmission Range	Up to 10 meters
Receiver Sensitivity	-79 dBm
Charger Power Supply	5VDC / 500 mA
Temperature	Operating: -20 to 60 ; Storage: -20 to 60 ; Charging: 0 to 45
Operation Voltage	3.7V
Battery	Rechargeable 110mAh Lithium Polymer battery
Charging Time	2.5 hours
Talk Time	Up to 6 hours
Standby Time	Up to 120 hours
Weight	16g, headset only
Dimension	70L x 25W x 15H (mm), not including earpiece and earhook
Certificate	CE_R&TTE, FCC, BQB, DGT (Taiwan)

NOTICE: Talk time and standby time are varied according to different mobile phones.

Troubleshooting

Headset does not work:

Make sure:

- The headset is turned on and paired with your mobile phone.
- You activated the Bluetooth feature on your phone.
- The headset is within 10 meters of your phone, and no obstructions between headset and phone.

Charging LED does not turn on when charging the rechargeable earhook:

Ensure:

- The earhook is properly inserted into DC jack on the Y-cable.
- The switching adapter is properly inserted into the Y-cable.

Headset does not pair with Bluetooth phone:

- Ensure the headset is on pairing mode. (Blue and red LEDs across blinking)
- Your Bluetooth phone pairing list may be full, try to eliminate not necessary Bluetooth devices.

Headset LED indicator flashes red:

- This indicates the headset is on low battery condition. Please charge the headset.

Headset is automatically turned off:

- Battery is too low.

Safety and Certification

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by Priver will void the warranty.

FCC Notices

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.

FCC RF Exposure requirements:

This device and its antenna(s) must not be co-located or operation in

conjunction with any other antenna or transmitter.

NOTICE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

CE Statement

Important Notice: This device is a 2.4GHz FHSS Bluetooth headset, intended for office and home uses in all EU and EFTA member states.

The Bluetooth trademarks are owned by Bluetooth SIG, Inc., U.S.A. and licensed to Priver.

Warranty and Parts Replacement

Battery: This headset is equipped with a rechargeable Polymer Lithium-Ion battery. Replacement or service must be done at a qualified service center or returned to the manufacturer.

Use only the battery supplied.

Use only the supplied and approved switching adapter.

We warrant the products described below will be against all defects in material and workmanship from the date of original purchase, for the period set forth below applicable to the product type.

<i>Product Type</i>	<i>Warranty Period</i>
Product	One year
Rechargeable earhook	3 months

The conditions of this warranty and our responsibilities under this warranty are as follows:

- The warranty is limited to the original purchaser.

- A copy of your receipt or the proof of purchase is required. Without proof of purchase, your warranty is defined as beginning on the date of manufacture as labeled on the products.
- The warranty is void if the serial number, date or product label is removed, or if the product has been subject to physical abuse, improper installation, modification, or repair by unauthorized third parties.
- The responsibility of our products shall be limited to the repair or replacement of the product at our sole discretion.
- Any implied warranty on our products is limited to one year from the date of purchase on all parts, including any cords and connectors.
- Specifically exempt from any warranty are limited-life consumable components subject to normal wear and tear, such as microphone, decorative finishes, batteries, and other accessories.
- We are not liable for any incidental or consequential damages arising from the use or misuse of any our products.
- This warranty gives you specific rights and you may have other rights which vary from area to area.
- Unless otherwise instructed in the user manual, the user may not, under any circumstances, attempt to perform service, adjustments or repairs on this unit, whether in or out of warranty. It must be returned to the purchase point, factory or authorized service agency for all such work.

We will not assume any responsibility for any loss or damage incurred in shipping. Any repair work on our products by unauthorized third parties voids the warranty.

Contacting Priver

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