

**Roland**

**GUITAR AMPLIFIER**

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**JAZZ CHORUS JC-120**

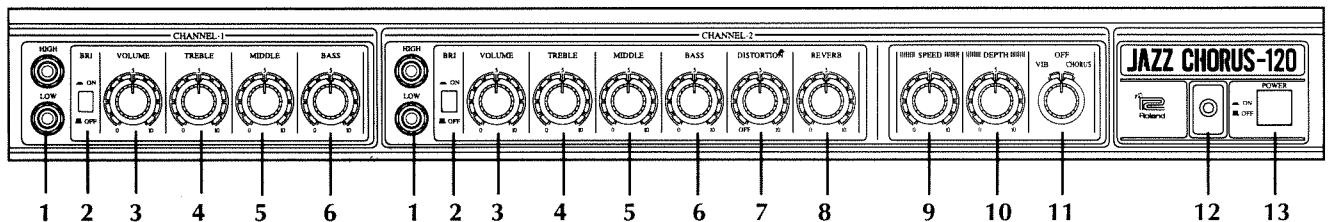
**Owner's Manual**

Thank you for purchasing the Roland JC-120 JAZZ CHORUS Guitar Amplifier. To take full advantage of this amplifier, and to ensure years of trouble-free service, please read this Owner's Manual in its entirety.

## FEATURES

- 120 watts (rms) of output power; 2 channels of 60 watts each. Channel 2 is equipped with Roland's renowned chorus effect.
- Two input jacks (high-gain and low-gain) accommodate virtually any guitar.
- Both channels contain a Bright switch for greater tonal control.
- A three-spring reverb unit produces a warm, distinctive sound.
- The reinforced cabinet is designed to withstand the rigors of the road while providing characteristic styling.
- Chorus/Vibrato, Reverb and Distortion can all be controlled by footswitches leaving your hands free for playing.
- Channel 2 contains an effects loop circuit that allows you to select either a series or parallel connection. Further, it provides selection of a +4dBm or -20dBm input level to match the level of your effects device.

## FRONT PANEL



## PANEL DESCRIPTION

### 1. Input Jacks

Two input jacks are provided. For a guitar with a standard output, use the "HIGH" input. For very high output instruments, use the "LOW" input.

### 2. BRI (Bright) Switch

When this switch is set to ON, a bright, clear sound can be obtained.

### 3. VOLUME Knob

Clockwise rotation will increase the amplifier's overall volume.

### 4. TREBLE Control Knob

Clockwise rotation will boost the higher frequencies.

### 5. MIDDLE Control Knob

Clockwise rotation will boost the all-important middle frequencies.

### 6. BASS Control Knob

Clockwise rotation will boost the lower frequencies.

### 7. DISTORTION Knob

Clockwise rotation will intensify the distortion effect. "OFF" turns the effect off.

### 8. REVERB Knob

Clockwise rotation will intensify the reverb effect.

### 9. Vibrato SPEED Knob

This knob adjusts the rate (frequency of the sound vibrations) of the vibrato effect. Clockwise rotation increases the vibrato speed.

### 10. Vibrato DEPTH Knob

This knob adjusts the depth of the vibrato effect. Clockwise rotation deepens the vibrato effect.

### 11. VIB/OFF/CHORUS Switch

This knob selects the Chorus or Vibrato effect. When it is set to the "OFF" position neither effect will be obtained.

*\* Neither the speed nor depth of the Chorus effect can be changed.*

### 12. Pilot Lamp

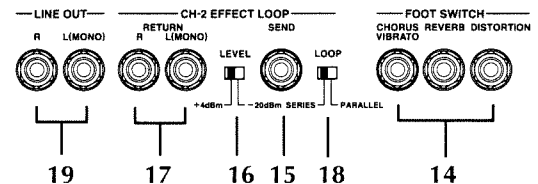
This will light when the amplifier is switched on.

### 13. POWER Switch

This switch turns the amplifier on and off.

*\* Be sure to set the VOLUME Knob to "0" before switching the amplifier on or off. You may hear a "DC thump" when switching the amplifier on or off but this is normal.*

## REAR PANEL



### 14. FOOTSWITCH Jacks

With the proper footswitch connected to the appropriate jack, you can obtain on/off control of Chorus/Vibrato, Reverb and/or Distortion.

*\* Even when a footswitch is turned on, no effect will be obtained if knobs 7 and 11 are in the "OFF" positions.*

### 15. CH-2 EFFECT LOOP SEND Jack

This is the jack from which the dry (unprocessed) signal is sent to the effects device.

### 16. CH-2 EFFECT LOOP LEVEL Switch

This switch selects the input/output level for the Channel 2 effects loop. Change the switch position to accommodate the effects device you are using. When the connected unit's input/output level is high, set the switch to "+4dBm," and when that level is low, set the switch to "-20dBm."

## 17. CH-2 EFFECT LOOP RETURN Jacks

These are input jacks for the return signal from your effects device. Stereo connections (L/R) are possible. To use the unit in mono, use the L(MONO) jack.

\* When using this unit in mono, the return sound will not be output through the speakers even if you input the return sound to the RETURN R jack. That is, when the L(MONO) jack is not used, only direct sounds will be output (regardless of the LOOP switch setting).

\* Before you make connections to the RETURN jack(s), be sure to switch the units off.

## 18. CH-2 EFFECT LOOP Switch

This switch selects either the series or parallel connection for the Effects Loop circuit.

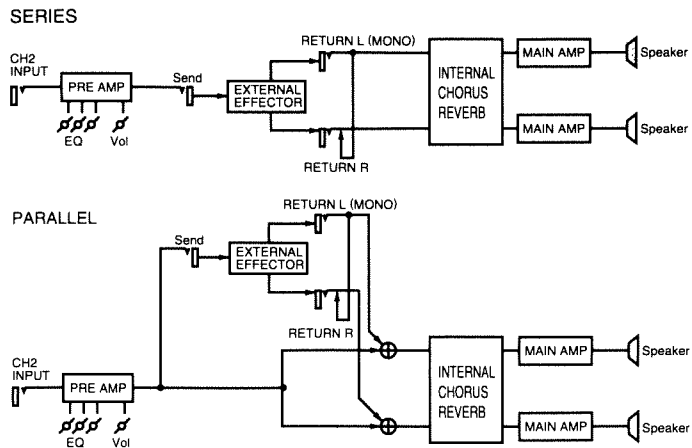
When PARALLEL is selected, external effects sounds and direct sounds (unprocessed sounds) will be mixed.

When SERIES is selected, external effects sounds will not be mixed with direct sounds.

## 19. LINE OUT Jacks

Use these jacks to connect the JC-120 to

another guitar amplifier or mixer, or to a tape deck for recording. A stereo pair (L/R) is provided, but mono connections are also possible (use the L(MONO) jack).



## SPECIFICATIONS

### Rated Power output

120W (60W+60W) / 8Ω+8Ω

### Speakers

30cm (12inches) + 30cm (12inches)

### Power Supply

AC 117V, AC 230V or AC240V

### Power Consumption

132W (117, 230, 240V)

### Nominal Input Level

-30dBm / 680kΩ    0dBm=0.775V

### Connectors

CH-1: Input Jacks (HIGH, LOW), CH-2 Input Jacks (HIGH, LOW), FOOTSWITCH Jacks (CHORUS/VIBRATO, REVERB, and DISTORTION), CH-2 EFFECT LOOP SEND Jack, CH-2 EFFECT LOOP RETURN Jacks (L/(MONO), R), LINE OUT Jacks (L/(MONO), R)

### Controls

CH-1: BRI (Bright) Switch, VOLUME Knob, TREBLE Control Knob, MIDDLE Control Knob, BASS Control Knob  
CH-2: BRI (Bright) Switch, VOLUME Knob, TREBLE Control Knob, MIDDLE Control Knob, BASS Control Knob, DISTORTION Knob, REVERB Knob, Vibrato SPEED Knob, Vibrato DEPTH Knob, VIB/OFF/CHORUS Switch  
POWER Switch, CH-2 EFFECT LOOP Switch, CH-2 EFFECT LOOP LEVEL Switch

### Dimensions

760(W) x 280(D) x 622(H) mm (includes casters)

29-15/16 (W) x 11-1/16 (D) x 24-1/2 (H) inches

### Weight

28kg / 61.7 lbs

### Accessories

Vinyl Cover, Owner's Manual

### Options

Footswitch : FS-1, FS-5L (BOSS)

\* In the interest of product development, the specifications and/or appearance of this unit are subject to change without prior notice.

## IMPORTANT NOTES

### Power Supply

- Before connecting this unit to other devices, turn off the power to all units; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise; an electric motor or variable lighting system for example.

### Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.

### Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

### Additional Precautions

- Protect the unit from strong impact.
- A small amount of heat will radiate from the unit during normal operation.
- Before using the unit in a foreign country, consult with qualified service personnel.

## Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

### U. S. A.

**Roland Corporation US**  
7200 Dominion Circle  
Los Angeles, CA. 90040-3696, U. S. A.  
TEL: (213) 685-5141

### CANADA

**Roland Canada Music Ltd.**  
**(Head Office)**  
5480 Parkwood Way  
Richmond B. C., V6V 2M4  
CANADA  
TEL: (604) 270-6626

**Roland Canada Music Ltd.**  
**(Montreal Office)**

9425 Transcanadienne  
Service Rd. N., St Laurent,  
Quebec H4S 1V3, CANADA  
TEL: (514) 335-2009

**Roland Canada Music Ltd.**  
**(Toronto Office)**

346 Watline Avenue,  
Mississauga, Ontario L4Z 1X2, CANADA  
TEL: (416) 890-6488

### AUSTRALIA

**Roland Corporation Australia Pty. Ltd.**  
38 Campbell Avenue  
Dee Why West. NSW 2099  
AUSTRALIA  
TEL: (02) 982-8266

### NEW ZEALAND

**Roland Corporation (NZ) Ltd.**  
97 Mt. Eden Road, Mt. Eden,  
Auckland 3, NEW ZEALAND  
TEL: (09) 3098-715

### UNITED KINGDOM

**Roland (U.K.) Ltd.**  
Rye Close Ancells Business  
Park Fleet, Hampshire GU13 8UY, UNITED KINGDOM  
TEL: 0252-816181

**Roland (U.K.) Ltd., Swansea Office**

Atlantic Close, Swansea  
Enterprise Park, Swansea,  
West Glamorgan SA79FJ,  
UNITED KINGDOM  
TEL: (0792) 700-139

### IRELAND

**The Dublin Service Centre Audio Maintenance Limited**  
11 Brunswick Place Dublin 2  
Republic of Ireland  
TEL: 010 353 1677322

### ITALY

**Roland Italy S. p. A.**  
Viale delle Industrie 8 20020  
ARESE MILANO ITALY  
TEL: 02-93581311

### SPAIN

**Roland Electronics de España, S. A.**  
Calle Bolivia 239 08020  
Barcelona, SPAIN  
TEL: 93-308-1000

### GERMANY

**Roland Elektronische Musikinstrumente Handelsgesellschaft mbH.**  
Oststrasse 96, 22844  
Norderstedt, GERMANY  
TEL: 040/52 60 090

### FRANCE

**Guillard Musiques Roland**  
ZAC de Rosarge Les Echets  
01700  
MIRIBEL FRANCE  
TEL: (7) 226-50 60

**Guillard Musiques Roland (Paris Office)**

1923 rue Léon Geoffroy  
94400 VITRY-SUR-SEINE  
FRANCE  
TEL: (1) 4680 86 62

### BELGIUM/HOLLAND/LUXEMBOURG

**Roland Benelux N. V.**  
Houtstraat 1 B-2260 Oevel-  
Westerlo BELGIUM  
TEL: (0032) 14-575811

### DENMARK

**Roland Scandinavia A/S**  
Langebrogade 6 Box 1937  
DK-1023 Copenhagen K.  
DENMARK  
TEL: 31-95 31 11

### SWEDEN

**Roland Scandinavia A/S**  
Danvik Center 28 A, 2 tr.  
S-131 30 Nacka SWEDEN  
TEL: 08-702 00 20

### NORWAY

**Roland Scandinavia Avd. Kontor Norge**  
Lilleakerveien 2 Postboks 95  
Lilleaker N-0216 Oslo 2  
NORWAY  
TEL: 22-73 00 74

### FINLAND

**Fazer Musik Inc.**  
Länsituulentie POB 169,  
SF-02101 Espoo FINLAND  
TEL: 0-43 50 11

### SWITZERLAND

**Roland CK (Switzerland) AG**  
Gerberstrasse 5, CH-4410  
Liestal, SWITZERLAND  
TEL: 061/921 16 15

### AUSTRIA

**E. Dematte & Co.**  
Neu-Rum Siemens-Strasse 4  
A-6040 Innsbruck P.O.Box  
83  
AUSTRIA  
TEL: (0512) 26 44 260

### GREECE

**V. Dimitriadis & Co. Ltd.**  
20, Alexandras Avn., GR  
10682 Athens, GREECE  
TEL: 01-8232415

### PORTUGAL

**Casa Caius Instrumentos Musicais Lda.**  
Rua de Santa Catarina 131  
4000 Porto, PORTUGAL  
TEL: 02-38 44 56

### HUNGARY

**Intermusica Ltd.**  
Warehouse Area 'DEPO'  
Torokbalint, Budapest  
HUNGARY  
TEL: (1) 1868905

### ISRAEL

**D.J.A. International Ltd.**  
11 Bar Gyiora St., Tel Aviv  
ISRAEL  
TEL: 972-3-525-3834

### CYPRUS

**Radex Sound Equipment Ltd.**  
17 Diagorou St., P.O.Box  
2046, Nicosia CYPRUS  
TEL: 453426, 466423

### U.A.E

**Zak Electronics & Musical Instruments Co.**  
P.O. Box 8050  
DUBAI, U.A.E  
TEL: 9714-360715

### KUWAIT

**Easa Husain Al-Yousifi**  
P.O. Box 126 Safat 13002  
KUWAIT  
TEL: 965-5719499

### LEBANON

**A. Chahine & Fils**  
P.O. Box 16-5857  
Beirut, LEBANON  
TEL: 335799

### TURKEY

**Barkat Sanayi ve Ticaret**  
Siraselviler Cad. 86/6 Taksim  
Istanbul, TURKEY  
TEL: 212-2499324

### EGYPT

**Al Fanny Trading Office**  
9, Ebn Hagar Ai Askalany  
Street, Ard El Golf,  
Heliopolis, Cairo, 11341  
EGYPT  
TEL: 2917803-665918

### QATAR

**Badie Studio & Stores**  
P.O.Box 62,  
DOHA Qatar  
TEL: 974 423554

### BAHRAIN

**Moon Stores**  
Bad Al Bahrain Road,  
P.O.Box 20077  
State of Bahrain  
TEL: (0973) 211 005

### BRAZIL

**Roland Brasil Ltda.**  
R. Coronel Oaviano da  
Silveira 203 05522-010  
Sao Paulo BRAZIL  
TEL: (011) 843-9377

### MEXICO

**Casa Veerkamp, s.a. de c.v.**  
Mesones No. 21 Col. Centro  
MEXICO D.F. 06080  
TEL: (5) 709-3716

**La Casa Wagner de**

**Guadalajara s.a. de c.v.**  
Av. Corona No. 202 S.J.  
C.P.44100 Guadalajara,  
Jalisco MEXICO  
TEL: (36) 13-1414

### VENEZUELA

**Musicland Digital C.A.**  
Av. Francisco De Miranda,  
Centro Parque de Cristal,  
Nivel C2 Local 20 Caracas  
VENEZUELA  
TEL: (2)285-9218

### PANAMA

**Productos Superiores, S.A.**  
Apartado 655 - Panama 1  
REP. DE PANAMA  
TEL: 26-3322

### ARGENTINA

**Instrumentos Musicales S.A.**  
Florida 638  
(1005) Buenos Aires  
ARGENTINA  
TEL: (1)394-4029

### HONG KONG

**Tom Lee Music Co., Ltd. Service Division**  
22-32 Pun Shan Street, Tsuen  
Wan, New Territories,  
HONG KONG  
TEL: 415-0911

### KOREA

**Cosmos Corporation Service Station**  
261 2nd Floor Nak-Won  
Arcade Jong-ro ku, Seoul,  
KOREA  
TEL: (02) 742 8844

### SINGAPORE

**Swee Lee Company**  
BLOCK 231,  
Bain Street #03-23  
Bras Basah Complex,  
Singapore 0718  
TEL: 3367886

### PHILIPPINES

**G.A. Yupangco & Co. Inc.**  
339 Gil J. Puyat Avenue  
Makati, Metro Manila 1200,  
PHILIPPINES  
TEL: 02 (817) 0013

### THAILAND

**Theera Music Co., Ltd.**  
330 Verng Nakorn Kasem,  
Soi 2, Bangkok 10100,  
THAILAND  
TEL: 2248821

### MALAYSIA

**Bentley Music SDN BHD**  
No.142, Jalan Bukit Bintang  
55100 Kuala Lumpur,  
MALAYSIA  
TEL: (03) 2443333

### INDONESIA

**PT CITRARAMA BELANTIKA**  
Kompleks Perkantoran Duta  
Merlin Blok E No.6—7  
Jl. Gajah Mada No.3—5,  
Jakarta 10130,  
INDONESIA  
TEL: (021) 3850073

### TAIWAN



**Siruba Enterprise (Taiwan) Co., LTD.**  
Room. 5, 9fl. No. 112 Chung  
Shan N.Road Sec.2 Taipei,  
TAIWAN, R.O.C.  
TEL: (02) 571-5860

### SOUTH AFRICA

**That Other Music Shop (PTY) Ltd.**  
11 Melle Street (Cnr Melle  
and Juta Street)  
Braamfontein 2001  
Republic of South Africa  
TEL: 27 11 403-4105

**Paul Bothner (PTY) Ltd.**

17 Werdmuller Centre  
Claremont 7700  
Republic of South Africa  
TEL: 021-64-4030

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>ATTENTION:</b> RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR		
<b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

## IMPORTANT SAFETY INSTRUCTIONS

### SAVE THESE INSTRUCTIONS

**WARNING** - When using electric products, basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. Do not use this product near water — for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
3. This product should be used only with a cart or stand that is recommended by the manufacturer.
4. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
7. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
8. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. The product should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has been spilled onto the product; or
  - C. The product has been exposed to rain; or
  - D. The product does not appear to operate normally or exhibits a marked change in performance; or
  - E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

For the USA

## GROUNDING INSTRUCTIONS

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock.

This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**DANGER:** Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product — if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

For Canada

For Polarized Line Plug

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.


**ATTENTION:** POUR ÉVITER LES CHOCs ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

For the U.K.

**WARNING:** THE APPARATUS MUST BE EARTHED

**IMPORTANT:** THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.  
GREEN-AND-YELLOW: EARTH, BLUE: NEUTRAL, BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured GREEN or GREEN-AND YELLOW.

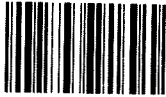
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

The product which is equipped with a THREE WIRE GROUNDING TYPE LINE PLUG must be grounded.

UPC

K6018169



10591

# Roland

For Germany

## Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß der/die/das  
**Roland Guitar Amplifier JC-120**

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der BMPT-AmtsblVfg 243/1991 funk-entstört ist. Der vorschriftsmäßige Betrieb mancher Geräte (z. B. Meßsender) kann allerdings gewissen Einschränkungen unterliegen. Beachten Sie deshalb die Hinweise in der Bedienungsanleitung.

Dem Zentralamt für Zulassungen im Fernmeldewesen wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf die Einhaltung der Bestimmungen eingeräumt.

**Roland Corporation**  
4-16 Dojimahama 1-Chome Kita-ku Osaka 530 Japan  
(Name und Anschrift des Herstellers/Importeurs)

For the USA

## FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE 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.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.

For Canada

### CLASS B

This digital apparatus does not exceed the Class B limits for radio noise emissions set out in the Radio Interference Regulations of the Canadian Department of Communications.

### NOTICE

### CLASSE B

Cet appareil numérique ne dépasse pas les limites de la classe B au niveau des émissions de bruits radioélectriques fixés dans le Règlement des signaux parasites par le ministère canadien des Communications.

### AVIS