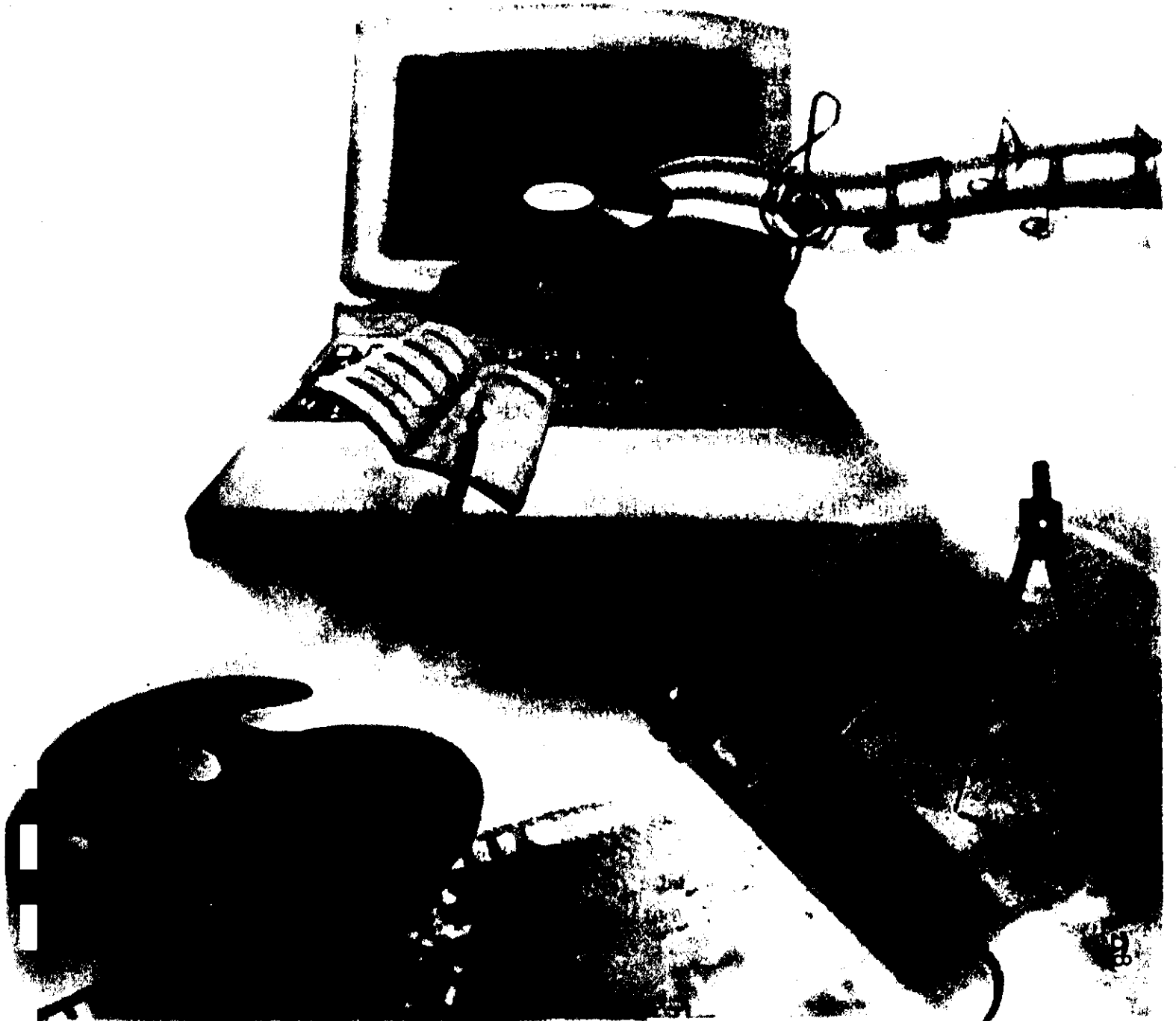


# User's Guide

## Notebook Computer



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**Notice**

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SoundBlaster pro is a registered trademark of Creative Technology, Ltd.

## Important Safety Instructions

Read all of these instructions. Save these instructions for later use.

- Follow all warnings and instructions marked on the product.
- Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not use this product near water. Never spill liquid of any kind on the product.
- Do not place this product on an unstable cart, stand, or table.
- Slots and openings in the cabinet are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
- Before connecting this product to a power source, check the AC-DC adapter voltage rating to ensure that the required voltage and frequency match the available power source.
- This computer is powered by an internal battery pack or by an external AC-DC Adapter, which is supplied with the computer. Use of another battery pack or AC-DC adapter may present risk of fire or explosion. To disconnect power from all circuits in this product, disconnect the AC-DC adapter and remove the battery pack.
- Do not allow anything to rest on the power cord.
- Do not place this product in a location where someone may trip over the cord.
- If an extension cord is used with this product, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall outlet does not exceed 15 amperes.
- Never push objects of any kind into this product through the cabinet slots, as they may touch dangerous voltage points or short out parts; that could result in a risk of fire or electric shock.

- Except as explained elsewhere in this manual, do not attempt to service this product yourself.
- Handle battery with care. If dropped, they may be damaged.
- Do not allow the battery to be exposed to direct sunlight for extended periods of time.
- Do not attempt to disassemble the battery. If the battery is disassembled and the electrodes are exposed to outside, the battery may generate heat and smoke by chemical reaction.
- Do not expose the battery to moisture or chemicals.
- Charge the battery only as described in this document.
- Do not short circuit the battery terminals as the resulting high currents can damage the battery.
- The battery should not be used to power other products.
- Do not dispose of a used battery in a fire or incinerator, as an explosion may result.
- Do not subject the battery to temperature extremes. Battery temperature should not less than -20 degrees Centigrade or greater than 50 degrees Centigrade.
- Unplug this product from the wall outlet and refer problems to the service representative under the following conditions:
  - When the power cord or plug is damaged or frayed.
  - If liquid has been spilled into the product.
  - If the product has been exposed to rain or water.
  - If the product does not operate normally when the operating instructions are followed, adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage.
  - If the product exhibits a distinct change in performance.

## **FEDERAL COMMUNICATIONS COMMISSION (FCC) RADIO FREQUENCY INTERFERENCE STATEMENT**

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.

### **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 generate 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:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet helpful: "Something About Interference." This is available at FCC local regional offices. Our company is not responsible for any radio or television interference caused by unauthorized modifications of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by Our company. The correction will be the responsibility of the user. Use only shielded data cables with this system.

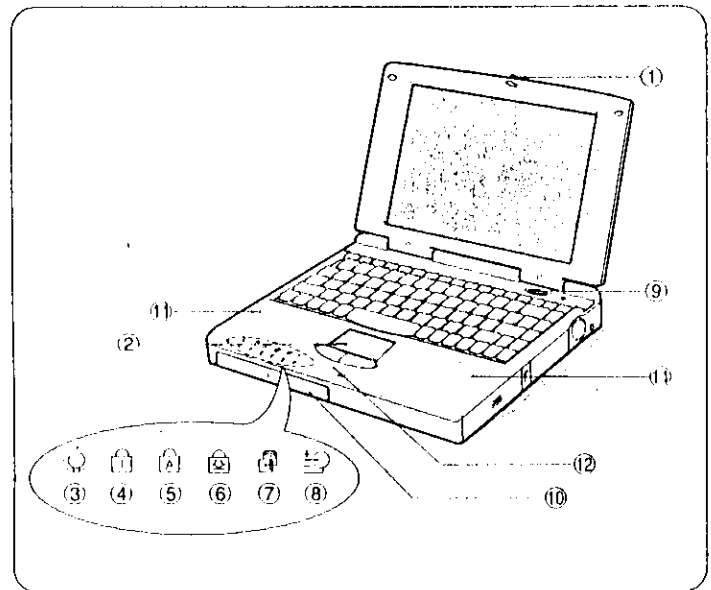
## **CANADIAN RADIO INTERFERENCE REGULATIONS**

This 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.

Le présent appareil n'émet pas de bruits radioélectriques dépassant les limites applicable aux appareils digitaux de la classe B prescrites par le règlement de brouillage radioélectrique dicté par le Ministère des Communications du Canada.

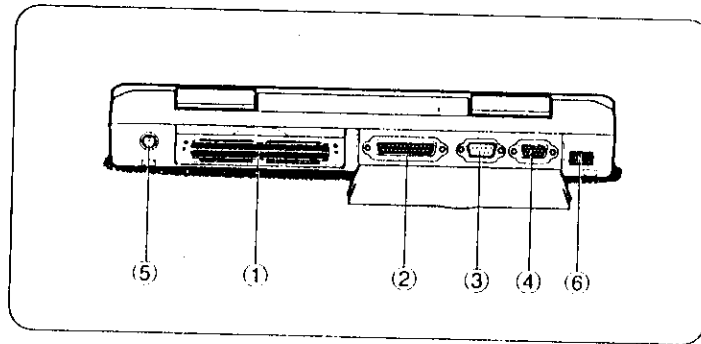
## Controls, Indicators and Connectors

The following section contains figures and corresponding tables detailing the connectors and indicators on each side of the notebook.



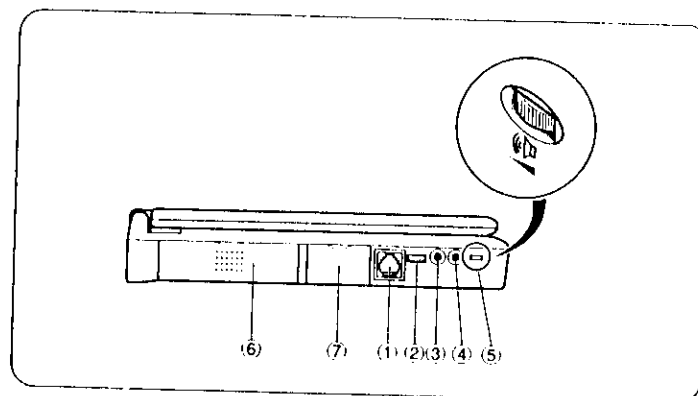
1. LCD release latch which opens the notebook.
2. Integrated touchpad which performs all standard mouse functions.
3. Lights when the notebook is on.
4. Lights when number lock is on.
5. Lights when caps lock is on.
6. Lights when scroll lock is on.
7. Indicates that the HDD/FDD is being accessed.
8. Amber- Indicates that the battery is receiving a normal charge.  
Green - Indicates that the notebook is powered from the AC adapter or the battery is fully charged.
9. System power switch which turns on or off the system.
10. Multi Bay for CD-ROM drive or FDD
11. Internal Speak
12. Internal Mic

Figure 1-6. Controls, Indicators and Connectors (back)



1. Expansion Port for the Port Replicator
2. LPT(Parallel) Port
3. COM(Serial) Port
4. External Display Connector
5. PS/2 External Keyboard or mouse
6. IR(Infrared) Port

Figure 1-7. Controls, Indicators and Connectors (left)



1. Telephone Jack
2. USB Port
3. External Condenser Microphone Jack
4. Headphone Jack
5. Volume Control
6. PCMCIA card Slots
7. External FDD Port



**9. LIST OF TEST INSTRUMENT.**

Equipment	Model No.	Serial No.	Maker	Calibration Last Calibration and Interval
Spectrum Analyzer	8566B	2607A2581	H.P	97/09/12, 12 Months
Quasi-Peak Adapter	85650A	2521A00687	H.P	97/08/01, 12 Months
RF PreSelector	85685A	2602A00224	H.P	97/09/17, 12 Months
Spectrum Monitor	EZM	374.4019.03	R & S	97/12/12, 12 Months
Field Strength Meter	ESVP	882401/009	R & S	97/06/10, 12 Months
	ESH3	860905/010	R & S	98/03/26, 12 Months
Pre-Amplifier	8447D	2443A04331	H.P	97/12/08, 12 Months
L.I.S.N	3825/2R	1151	EMCO	97/07/23, 12 Months
	KNW-404	8-507-5	Kyoritsu u	97/07/23, 12 Months
Bi-Conical Antenna	3110B	2706	EMCO	97/09/12, 12 Months
Log-Periodic Antenna	3146A	1353	EMCO	97/09/12, 12 Months
Double Ridged WaveGuide	3115	4028	EMCO	97/10/05, 12 Months