Panasonic ®

Personal Computer

Supplementary Instructions

CF-27EB6GDAM

This manual contains supplementary instructions regarding the use of the computer. It explains the cases where the operation of the computer differs from that in the Operating Instructions.

For U.S.A. **"OPERATING INSTRUCTIONS (page 3)"**

The following has been added.

FCC Regulation Notice for modem
This equipment contains a FCC approved modem.

Manufacturer of modem: Aztech Labs, Inc.
Model No. MP3930V-W

FC **Tested To Comply**
With FCC Standards
FOR HOME OR OFFICE USE

1. This equipment complies with Part 68 of the FCC rules. On the computer is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN)for this equipment. If required, this information must be provided to the telephone company.

2. An FCC compliant modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See Installation Instructions for details.

3. The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all area, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

4. If your telephone equipment cause harm to the telephone network, the telephone company will notify you in advice that temporary discontinuance of service may be required. But if advice notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

5. The telephone company may take changes in it's facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

6. If trouble is experienced with this equipment, for repair or warranty information, please contact Matsushita Electric Corporation of America, toll free at 1-800-LAPTOP5 (1-800-527-8675). If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

7. There are no user serviceable parts contained in this equipment.

8. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

9. The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone fax machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entry, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. In order to program this information into your fax software, you should refer to the manual of the Fax software being used.

"Caution : To reduce the risk of fire, use only No.26 AWG or larger telecommunication line cord."
"ATTENTION : Pour réduire le risque d'incendie, utiliser uniquement des conducteurs de télécommunications 26 AWG ou de section supérieure."

Supplementary Instructions

The following has been added.

For Canada

"OPERATING INSTRUCTIONS (page 3)"

Industry Canada (IC) Notice for modem

This equipment contains an Industry Canada approved modem   unit.
The Industry Canada label is affixed on the modem unit.

EQUIPMENT ATTACHEMENT LIMITATIONS

"NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas. Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate."

"NOTICE: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5."

REN: See bottom of the computer

RESTRICTIONS CONCERNANT LE RACCORDEMENT DE MATÉRIEL

"AVIS: L'étiquette d'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme aux normes de protection, d'exploitation et de sécurité des réseaux de télécommunications, comme le prescrivent les documents concernant les exigences techniques relatives au matériel terminal. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêche pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être coordonnées par un représentant désigné par le fournisseur. L'entreprise de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales. Avertissement: L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.""AVIS: L'indice d'équivalence de la sonnerie (IES) assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface. La terminaison d'une interface téléphonique peut consister en une combinaison de quelques dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de touts les dispositifs n'excède pas 5."
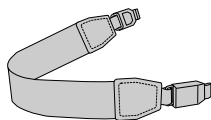
REN: Voir sous le fond de l'ordinateur

First-time Operation "OPERATING INSTRUCTIONS (page 6)"

The following item has been added*.*

Hand Strap 1

Caution

•The hand strap has been designed to carry only the weight of the computer. Therefore, be sure that the hand strap does not carry a weight that exceeds the weight of the computer. The hand strap may accidentally come loose from the computer.
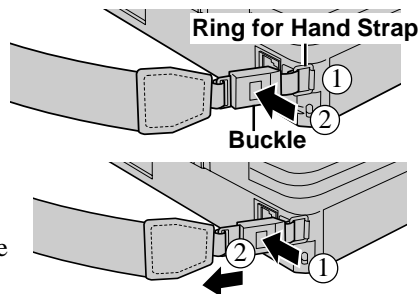•Do not use a hand strap that is damaged or about to tear.

NOTE

Attaching the hand strap

① Attach the end of the hand strap to the ring.

② Push the buckle.

Removing the hand strap

Push and slide the buckle to the direction of the arrows in the figure.

Ring for Hand Strap

Buckle

First-time Operation "OPERATING INSTRUCTIONS (page 7)"

Add the following step after ② at step **2**.
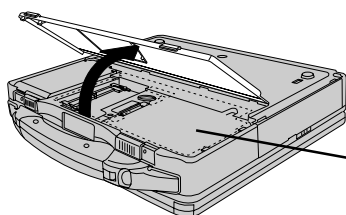
Remove the inside cover. (This is shown by dotted line in the figure.)

First-time Operation "OPERATING INSTRUCTIONS (page 9)"

The following sentence after line 6 in step **6** on page 9 has been changed.

Then, when the alignment of the touchscreen is needed, perform [Calibrate] in [Touchscreen Control] . (☞ page 17)

If the cursor can not be pointed correctly with your finger, perform [Calibration] in [Start]-[Settings] - [Control Panel] - [Mouse] - [Touchscreen].
(☞ Reference Manual "Touchscreen")

Step **8** is unnecessary.

The Acrobat® Reader 4.0 has been installed in this computer.

Supplementary Instructions

Using the Touch Pad   "OPERATING INSTRUCTIONS (page 12)"

Replace step *1* in "Changing the mode of the touch pad" as follows.

1 Select ⬚ from the taskbar and then select [Touch Pad] or select [Touch Pad] in [Start] - [Settings] - [Control Panel] - [Mouse].

Using the Touch Pad   "OPERATING INSTRUCTIONS (page 14)"

Replace the "**CAUTION**" for the following.

> **CAUTION**
>
> When an external mouse or trackball with additional functions (e.g., wheel function) is connected, a part or all of the additional functions may fail to operate. To use these additional functions, install the driver or application software of the external device by following the procedure below. However, once the driver or application software is installed, touch pad functions (e.g., auto scroll) and touchscreen may not operate even if the touch pad and touchscreen are enabled (see the procedure for "When you want to re-enable the touch pad and touchscreen.").
> *1* In [Control Panel] - [Add/Remove Programs], select [touch pad/touchscreen] from the list, press [Add/Remove...] to delete it, then press [Yes] to confirm the deletion.The computer will reboot.
> *2* Power off your computer (☞ "Operating Instructions" page 18) and connect the external mouse or trackball device to the computer.
> *3* Turn the power on and run the Setup Utility (☞ Reference Manual "Setup Utility"). In [Main] menu, set [Touch Pad] and [Touchscreen] to [Disable] and close the Setup Utility.
> *4* Following the operating instructions for the connected external mouse, install the necessary driver.
>
> **When you want to re-enable the touch pad and touchscreen;**
> *1* Uninstall the driver or application software of an external mouse or trackball device. (please refer to the manual of the external device.)
>   If the explanation of uninstalling the driver or application software can not be found in the manual of the external device, execute the following steps.
>   In [Control Panel] - [System] - [Device Manager], when an external mouse or trackball device is displayed in [Mouse], press [Remove] to delete it, and then press [OK] to confirm the deletion.
> *2* Power off your computer (☞ "Operating Instructions" page 18) and remove the external mouse or trackball device.
> *3* Turn the power on and run the Setup Utility (☞ Reference Manual "Setup Utility"). In [Main] menu, set [Touch Pad] and [Touchscreen] to [Enable] and close the Setup Utility.
> *4* In [Control Panel] - [Mouse] - [General], press [Change...] , then select [Have Disk...]. Select "c:\util\drivers\mouse" at [Browse...] and press [OK]. Follow the on-screen instructions, then select [close] to close the window. The computer will reboot.
> *5* Confirm whether [touch pad/touchscreen] exists in [Mouse] (in [Control Panel] - [System] -[Device Manager]).

Using the Touchscreen   "OPERATING INSTRUCTIONS (page 16)"

Please refer to the Reference Manual "Touchscreen".

The touchscreen driver has been changed. Please refer to the Reference Manual "Touchscreen", do not refer to the "Operating Instructions".

4

About the Reference Manual   "OPERATING INSTRUCTIONS (page 19)"

Replace the steps as follows.

Run the Reference Manual

1 **Turn your computer on**

2 **Select [Reference Manual] in [Start] - [Programs] - [Panasonic]
- [On-Line Manuals]**
When the Reference Manual is started up for the first time, the License Agreement will
be displayed. After reading the agreement, select [Accept] to access the Reference
Manual.

NOTE

When the Reference Manual is run for the first time, an error message may appear if the
Reference Manual is run using a method that differs from the above explanation. If an error
message appears, press [OK].

Dealing With Problems   "OPERATING INSTRUCTIONS (page 24)"

The following items have been changed or added.

● Shutting Down

Unable to shut down Windows 95	● If a USB device is connected, try removing it. ● Do not shut down Windows during music playback.

● Display

Unable to connect an external display	The optional port replicator is required for use with an external display. (☞ Reference Manual "Port Replicator")

● Touchscreen

Unable to input by touching the display	● Has the Setup Utility been used to set [Touchscreen] to [Enable]? (☞ Reference Manual "Setup Utility") ● When mouse drivers are installed (i.e. Intellimouse), the touchscreen is unable to be used. ● Has the touch pad/touchscreen driver been properly installed?

● Touch Pad

Unable to input using the touch pad	● Has the Setup Utility been used to set [Touch Pad] to [Enable]? (☞ Reference Manual "Setup Utility") ● When mouse drivers are installed (i.e. Intellimouse), the touch pad is unable to be used. ● Has the touch pad/touchscreen driver been properly installed?

Reinstalling Software   "OPERATING INSTRUCTIONS (page 26)"
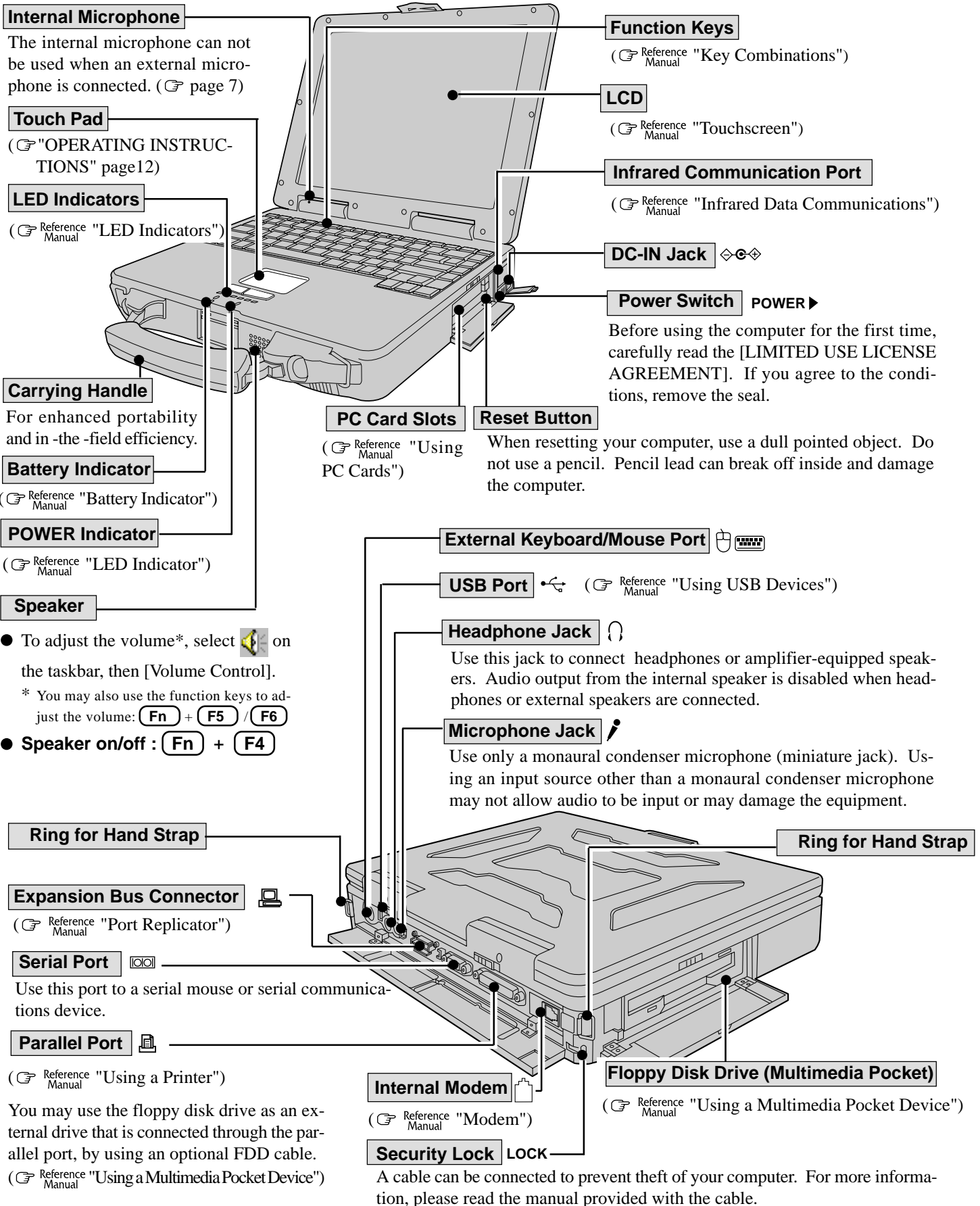
"Installing Acrobat® Reader 3.01" is not necessary.

Supplementary Instructions

Names and Functions of Parts   "OPERATING INSTRUCTIONS (page 29)"

Replace as follows.

Internal Microphone

The internal microphone can not be used when an external microphone is connected. (☞ page 7)

Touch Pad

(☞ "OPERATING INSTRUCTIONS" page12)

LED Indicators

(☞ Reference Manual "LED Indicators")

Carrying Handle

For enhanced portability and in -the -field efficiency.

Battery Indicator

(☞ Reference Manual "Battery Indicator")

POWER Indicator

(☞ Reference Manual "LED Indicator")

Speaker

● To adjust the volume*, select 🔊 on the taskbar, then [Volume Control].

  * You may also use the function keys to adjust the volume: **Fn** + **F5** / **F6**

● **Speaker on/off :** **Fn** + **F4**

Function Keys

(☞ Reference Manual "Key Combinations")

LCD

(☞ Reference Manual "Touchscreen")

Infrared Communication Port

(☞ Reference Manual "Infrared Data Communications")

DC-IN Jack ◇-ⓒ-◇

Power Switch POWER ▶

Before using the computer for the first time, carefully read the [LIMITED USE LICENSE AGREEMENT]. If you agree to the conditions, remove the seal.

PC Card Slots

(☞ Reference Manual "Using PC Cards")

Reset Button

When resetting your computer, use a dull pointed object. Do not use a pencil. Pencil lead can break off inside and damage the computer.

External Keyboard/Mouse Port 🖱⌨

USB Port •⟜ (☞ Reference Manual "Using USB Devices")

Headphone Jack ⌂

Use this jack to connect headphones or amplifier-equipped speakers. Audio output from the internal speaker is disabled when headphones or external speakers are connected.

Microphone Jack ✎

Use only a monaural condenser microphone (miniature jack). Using an input source other than a monaural condenser microphone may not allow audio to be input or may damage the equipment.

Ring for Hand Strap

Ring for Hand Strap

Expansion Bus Connector 🖳

(☞ Reference Manual "Port Replicator")

Serial Port ▣

Use this port to a serial mouse or serial communications device.

Parallel Port 🖨

(☞ Reference Manual "Using a Printer")

You may use the floppy disk drive as an external drive that is connected through the parallel port, by using an optional FDD cable.

(☞ Reference Manual "Using a Multimedia Pocket Device")

Internal Modem 📞

(☞ Reference Manual "Modem")

Security Lock LOCK

A cable can be connected to prevent theft of your computer. For more information, please read the manual provided with the cable.

Floppy Disk Drive (Multimedia Pocket)

(☞ Reference Manual "Using a Multimedia Pocket Device")

Names and Functions of Parts   "OPERATING INSTRUCTIONS (page 30)"

Replace as follows.

RAM Module Slot

(☞ Reference/Manual "Adding Memory")

Battery Pack

(☞ Reference/Manual "Battery Power")

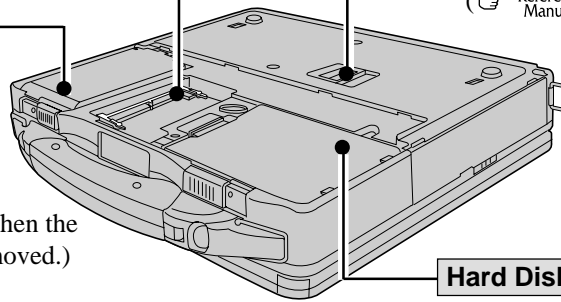(Figure illustrating when the covers have been removed.)

MP Release Button   ◀ **MP RELEASE**

(☞ Reference/Manual "Using a Multimedia Pocket Device")

Hard Disk Drive

(☞ Reference/Manual "Hard Disk Drive")

NOTE

About the Problem of "Howling";
The problem of "howling" sometimes occurs when a hand approaches the microphone. In such cases, do the following.
1 In the volume control display, select [Option] - [Properties].
2 Select [Playback] in "Adjust volume for", and select [Microphone] in "Show the following volume controls" (Or confirm that a check mark has been added for "Microphone"), then press [OK].
3 Add a check mark for "Mute".
Or, to prevent this problem, adjust the microphone volume and speaker volume to moderate levels.

Specifications   "OPERATING INSTRUCTIONS (page 31)"

The specifications of this model are the same as those of CF-27EB6GCAM's except for the following items.

Model No.		CF-27EB6GDAM
Slots	PC Card Slots	Two Type I or Type II, or one Type III Allowable current 3.3 V: 400 mA, 5 V: 400 mA (total for two slots)
Interface	External Display Port	None
Internal Microphone		Monaural Microphone (built in)
Internal Modem		Data:56 kbps (V.90 & K56flex) FAX:14.4 kbps
Weight		Approx. 3.7 kg {Approx. 8.1 lb} + carrying handle 0.2 kg {0.4 lb}

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DFQX1349ZA