

SA-76 SA-77 SA-78 USER'S GUIDE GUÍA DEL USUARIO CASIO COMPUTER CO.,LTD. 6-2, Hon-machi 1-chome Shibuya-ku, Tokyo 151-8543, Japan

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- Any reproduction of the contents of this manual... IN NO EVENT SHALL CASIO BE LIABLE FOR ANY DAMAGES... The contents of this manual are subject to change without notice.

NOTICE This equipment has been tested and found to comply with the limits for a Class B digital device... Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC WARNING Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

- Important Information for Parents! Before using the AD-E95100L adaptor to power the unit, be sure to check the AC adaptor for any damage first... Never attempt to recharge batteries.



Getting Ready

Power Supply

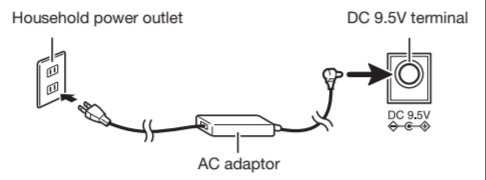
Prepare a household power outlet or batteries.

- IMPORTANT! Be sure to comply with the "Safety Precautions" provided in this manual. Incorrect use of this product creates the risk of electric shock and fire.

Using a Household Power Outlet

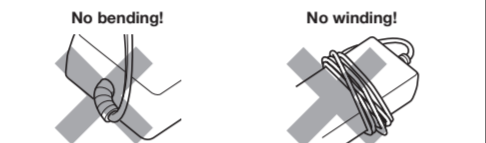
Make sure that you use only the AC adaptor specified for this keyboard. Use of a different type of AC adaptor can cause malfunction.

Specified AC Adaptor: AD-E95100L (JEITA Standard plug)



IMPORTANT!

- The AC adaptor will become warm to the touch after very long use. This is normal and does not indicate malfunction. To prevent breaking of the wire, take care to avoid putting any type of load on the power cord.

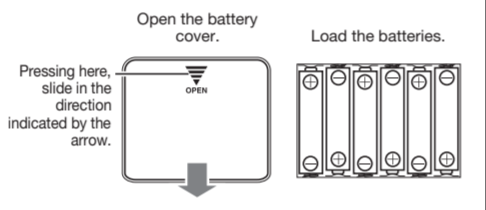


- Never insert metal, pencils, or any other objects into the product's 9.5V DC terminal. Doing so creates the risk of accident.

Using Batteries

You can use six AA-size batteries for power. Use alkaline or zinc-carbon batteries. Never use oxyride or any other nickel based batteries.

- Open the battery cover on the bottom of the Digital Keyboard, load the batteries, and then close the cover. Take care to ensure that the positive (+) and negative (-) ends of the batteries are facing correctly.



IMPORTANT!

- Battery life is approximately six hours of continuous use (based on zinc-carbon batteries, normal play). Any of the symptoms below may indicate batteries are low and need to be replaced as soon as possible.

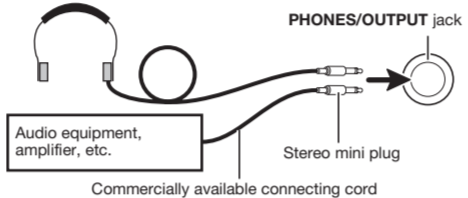
NOTE!

- The Digital Keyboard will turn off automatically to preserve battery power if you do not perform any operation for about six minutes (Auto Power Off). Hold down the TONE button while turning on the keyboard to disable Auto Power Off.

Using Headphones or Audio Equipment

Connect headphones or audio equipment to the PHONES/OUTPUT jack on the back of the Digital Keyboard.

Commercially available headphones



IMPORTANT!

- Do not listen to very high volume output over headphones for long periods. Doing so creates the risk of hearing damage. When connecting a musical instrument amplifier, set the Digital Keyboard volume to a low level and use the amplifier's volume control to adjust to the desired volume level.

Safety Precautions

Before using the instrument, be sure to carefully read through the instructions contained in this manual.

Symbols

Various symbols are used in this user's guide and on the product itself to ensure that the product is used safely and correctly, and to prevent injury to the user and other persons as well as damage to property.

DANGER

This symbol indicates information that, if ignored or applied incorrectly, creates the danger of death or serious personal injury.

WARNING

This indication stipulates matters that have the risk of causing death or serious injury if the product is operated incorrectly while ignoring this indication.

CAUTION

This indication stipulates matters that have the risk of causing injury as well as matters for which there is the likelihood of occurrence of physical damage only if the product is operated incorrectly while ignoring this indication.

Symbol Examples

This triangle symbol (Δ) means that the user should be careful. (The example at left indicates electrical shock caution.)

This circle with a line through it (⊘) means that the indicated action must not be performed. Indications within or nearby this symbol are specifically prohibited.

The black dot (●) means that the indicated action must be performed. Indications within this symbol are actions that are specifically instructed to be performed.

DANGER

Alkaline Batteries

- Perform the following steps immediately if fluid leaking from alkaline batteries ever gets into your eyes. Do not rub your eyes! Rinse them with water.

Do not incinerate the product. Never throw the product into fire. Doing so can cause it to explode, creating the risk of fire and personal injury.

WARNING

Smoke, Strange Odor, Overheating

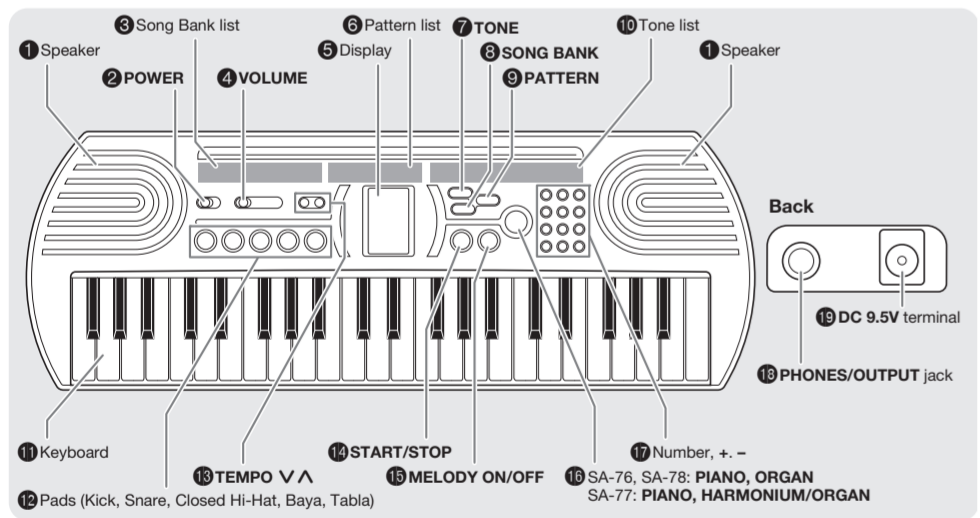
- Continued use of the product or AC adaptor while it is emitting smoke, a strange odor, or heat creates the risk of fire and electric shock. Take the following steps immediately.

- AC Adaptor Misuse of the AC adaptor creates the risk of fire and electric shock. Always make sure you observe the following precautions.

- Batteries Misuse of batteries can cause them to leak, resulting in damage to nearby objects, or to explode, creating the risk of fire and personal injury.

- Relocating the Product Do not relocate the product, always unplug the AC adaptor from the wall outlet and disconnect all other cables and connecting cords.

General Guide

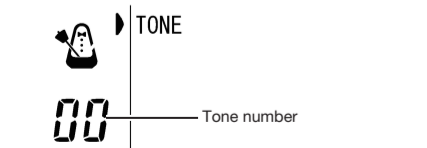


Playing Something on the Digital Keyboard

- 1. Use the (POWER) switch to turn on power. 2. Try using the keyboard and pads to produce sounds. 3. Use the (VOLUME) slider to adjust the volume level.

Using Built-in Tones

- 1. Press the (TONE) button.



- 2. In the console tone list or the tone list in this User's Guide, find the tone you want and note its number. Use the (Number, +, -) buttons to enter the tone number.

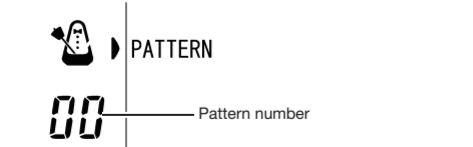
NOTE!

- You can select tones 00 and 16 simply by pressing the (Number, +, -) buttons. Each press of the button toggles between tones 00 and 16.

Playing an Auto Accompaniment Pattern

Auto Accompaniment patterns let you select from a number of different backup accompaniments that match a variety of different musical genres.

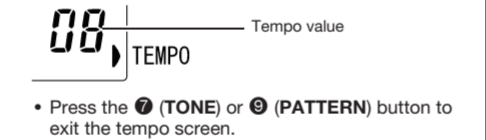
- 1. Press the (PATTERN) button.



- 2. In the console pattern list or the pattern list in this User's Guide, find the pattern you want and note its number. Use the (Number, +, -) buttons to enter the pattern number.

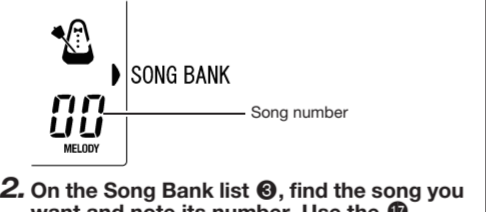
General Guide

- 3. Press the (START/STOP) button to sound the pattern you selected. Press the button again to stop the pattern. You can use the (TEMPO) (slower) and (faster) buttons to adjust the speed of pattern play to one of 16 levels.



Playing a Song Bank Song

- 1. Press the (SONG BANK) button.



- 3. Press keys on the keyboard to play notes using the selected tone. You can select tones 00 and 16 simply by pressing the (Number, +, -) buttons.

- 3. Press the (START/STOP) button to start playback of the Song Bank song(s). Press the button again to stop playback. You can use the (TEMPO) (slower) and (faster) buttons to adjust the speed of Song Bank play to one of 16 levels.

To turn off the melody part of a Song Bank song and play along on the keyboard

- 1. Press the (MELODY ON/OFF) button. This will turn off the melody part of the Song Bank song. Press the SONG BANK button. "MELODY" disappears.

Reference

Troubleshooting

- There is no sound when I press keyboard keys. Check to make sure batteries are loaded or that the AC adaptor is connected correctly. Unplug the plug from the (PHONES/OUTPUT) jack if one is connected.

Fine Tuning (Tuning)

- Hold down the (TONE) and (PATTERN) buttons at the same time. Use the + (raise) and - (lower) buttons to adjust the tuning to the value you want.

Specifications

Table with 2 columns: Specification (Keyboard, Polyphony, Tones, etc.) and Value (44 mini-size keys, 8 notes maximum, etc.).

- NOTE! Design and specifications are subject to change without notice. You can get information about accessories that are separately from this product from the CASIO keyboard catalog available from your retailer.

Operating Precautions

- Be sure to read and observe the following operating precautions. Location Avoid the following locations for this product. User Maintenance Never use benzine, alcohol, thinner, or other chemical agents to clean the product.

AC Adaptor Handling Precautions

- Use a power outlet that is easily accessible so you can unplug the AC adaptor when a malfunction occurs or whenever else you need to do so. Store the AC adaptor in a dry place. Use the AC adaptor in an open, well-ventilated area.

Weld Lines

Lines may be visible on the exterior of the product. These are "weld lines" that result from the plastic molding process. They are not cracks or scratches.

Musical Instrument Etiquette

Always be aware of others around you whenever using this product. Be especially careful when playing late at night to keep the volume at levels that do not disturb others.

Safety Precautions

- Keep away from liquids* and foreign matter. Before cleaning the product, always unplug the AC adaptor from the wall outlet first. Leaving the AC adaptor plugged in creates the risk of damage to the AC adaptor, fire, and electric shock.

- Disassembly and Modification Never try to take this product apart or modify it in any way. Doing so creates the risk of electric shock, burn injury, or other personal injury.

- Dropping and Impact Continued use of this product after it has been damaged by dropping or subjecting it to strong impact creates the risk of fire and electric shock.

- Plastic Bags Never place the plastic bag the product comes in over your head or in your mouth. Doing so creates the risk of suffocation.

- Location Avoid locating the product on an unstable stand, on an uneven surface, or any other unstable location.

CAUTION

AC Adaptor

- Misuse of the AC adaptor creates the risk of fire and electric shock. Always make sure you observe the following precautions. Do not locate the electric cord near a stove or other sources of heat.

- Relocating the Product Do not relocate the product, always unplug the AC adaptor from the wall outlet and disconnect all other cables and connecting cords.

Cleaning

- Before cleaning the product, always unplug the AC adaptor from the wall outlet first. Leaving the AC adaptor plugged in creates the risk of damage to the AC adaptor, fire, and electric shock. Batteries Misuse of batteries can cause them to leak resulting in damage to nearby objects, or to explode, creating the risk of fire and personal injury.

- Location Avoid the following locations for this product. Such locations create the risk of fire and electric shock. Areas subject to high humidity or large amounts of dust.

Display Screen

- Never push on the display screen's LCD panel or subject it to strong impact. Doing so can cause the LCD panel's glass to crack, creating the risk of personal injury. Should the LCD panel ever crack or break, never touch the liquid inside of the panel.

Sound Volume

- Do not listen to music at very loud volumes for long periods. Particular care concerning this precaution is required when using headphones.

* Water, sports drinks, sea water, animal or pet urine, etc.

Reference

Tone List

Table with 3 columns: Tone Number, Tone Name, and Instrument Type. Lists tones 00 to 50 including GRAND PIANO, BRIGHT PIANO, ELEC.PIANO 1, etc.

Pattern List

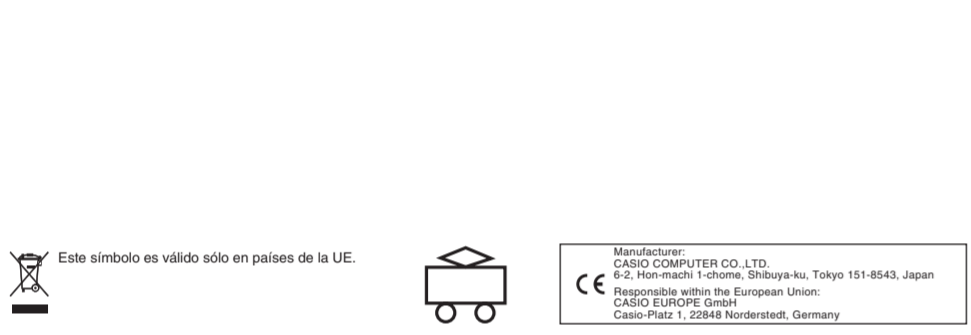
Table with 3 columns: Pattern Number, Pattern Name, and Genre. Lists patterns 00 to 34 including STRAIGHT 8 BEAT, 8 BEAT POP, MELLOW 8 BEAT, etc.

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- CASIO NO SEÑAL EN NINGÚN CASO RESPONSABLE POR NINGÚN DAÑO (INCLUYENDO, SIN LIMITACIÓN, DAÑOS POR LUCRO CESANTE, INTERRUCCIÓN DE NEGOCIOS, PERDIDA DE INFORMACIÓN) QUE SURJA COMO RESULTADO DEL USO O INCAPACIDAD DE USO DE ESTE MANUAL O PRODUCTO, AUN EN EL CASO DE QUE CASIO TUVIERA CONOCIMIENTO ACERCA DE LA POSIBILIDAD DE DICHO DAÑO.
- El contenido de este manual se encuentra sujeto a cambios sin previo aviso.
- La apariencia real del producto puede diferir de la mostrada en las ilustraciones de esta Guía del usuario.
- Los nombres de compañías y productos usados en este manual pueden ser marcas registradas de terceros.

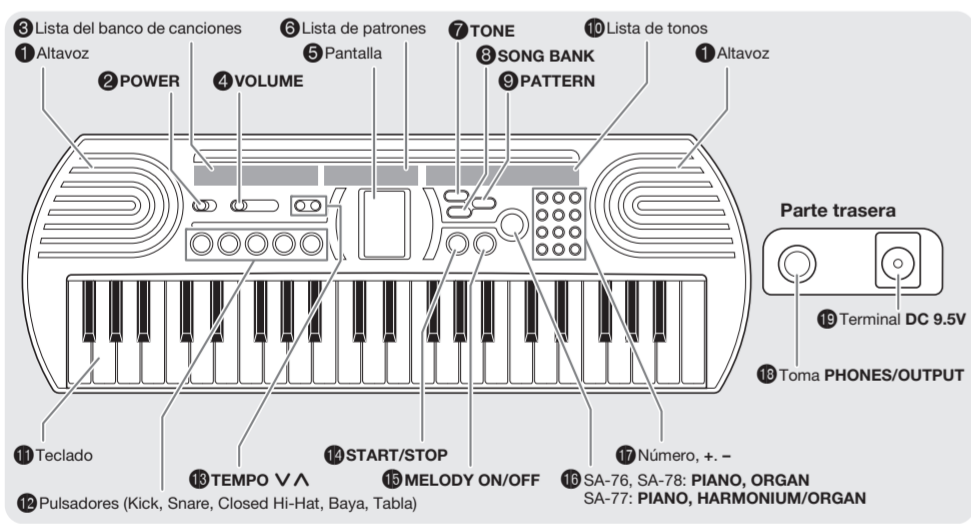


¡Información importante para los padres!

- Se ruega a los padres leer la siguiente información importante antes de permitir que sus hijos utilicen este producto.
- Antes de usar el adaptador AD-E95100L para alimentar la unidad, asegúrese de verificar la inexistencia de daños en el mismo. Inspeccione atentamente el cable de alimentación para comprobar la inexistencia de roturas, cortes, alambres expuestos y otros daños serios. No permita nunca que los niños utilicen un adaptador de CA que esté seriamente dañado.
 - Nunca intente recargar las pilas.
 - No utilice pilas recargables.
 - No mezcle nunca pilas de diferentes tipos.
 - Nunca mezcle pilas nuevas y usadas.
 - Utilice las pilas recomendadas o equivalentes.
 - Siempre asegúrese de que los polos positivo (+) y negativo (-) estén correctamente orientados, tal como se indica cerca del compartimiento de las pilas.
 - Cambie las pilas tan pronto como sea posible ante cualquier signo de desgaste.
 - No ponga en cortocircuito los terminales de las pilas.
 - El producto no es para niños menores de 3 años.
 - Utilice únicamente el adaptador CASIO AD-E95100L.
 - El adaptador de CA no es un juguete.
 - Asegúrese de desconectar el adaptador de CA antes de limpiar el producto.



Guía general



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