

GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THE UNIT IN THE U.S.A. (not applicable to other areas).

NOTICE

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.

FCC WARNING

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

Important!

Please note the following important information before using this product.

- Before using the optional AD-5 Adaptor to power the unit, be sure to check the AC Adaptor for any damage first. Carefully check the power cord for breakage, cuts, exposed wire and other serious damage. Never let children use an AC adaptor that is seriously damaged.
- Never attempt to recharge batteries.
- Do not use rechargeable batteries.
- Never mix old batteries with new ones.
- Use recommended batteries or equivalent types.
- Always make sure that positive (+) and negative (-) poles are facing correctly as indicated near the battery compartment.
- Replace batteries as soon as possible after any sign they are getting weak.
- Do not short-circuit the battery terminals.

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- The product is not intended for children under 3 years.
- Use only CASIO AD-5 adaptor.
- The AC adaptor is not a toy.
- Be sure to disconnect the AC adaptor before cleaning the product.



This mark is valid in the EU countries only. Please keep all information for future reference.

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Safety Precautions

Congratulations on your selection of the CASIO electronic musical instrument.

- Before using the instrument, be sure to carefully read through the instructions contained in this manual.
- Please keep all information for future reference.

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. Those symbols along with their meanings are shown below.

/!\ 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.

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Symbol Examples



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



This circle with a line through it (\mathbf{O}) means that the indicated action must not be performed. Indications within or nearby this symbol are specifically prohibited. (The example at left indicates that disassembly is 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. (The example at left indicates that the power plug must be unplugged from the electrical socket.)

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Safety Precautions

/!\ DANGER ■

Alkaline Batteries

Perform the following steps immediately if fluid leaking from alkaline batteries ever gets into your eyes.



2. Contact your physician immediately.

Leaving alkaline battery fluid in your eyes can lead to loss of sight.

WARNING

Smoke, Strange Odor, Overheating Continued use of the product

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

1. Turn off power.

- 2. If you are using the AC adaptor for power, unplug it from the wall outlet.
- 3. Contact your original retailer or an authorized CASIO Service Provider.

AC Adaptor

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

- Be sure to use only the AC adaptor that is specified for this product.
- Use only a power source whose voltage is within the rating marked on the AC adaptor.
- Do not overload electrical outlets and extension cords.



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AC Adaptor

Misuse of the AC adaptor's electric cord can damage or break it, creating the risk of fire and electric shock. Always make sure you observe the following precautions.

- Never place heavy objects on the cord or subject it to heat.
- Never try to modify the cord or subject it to excessive bending.
- Never twist or stretch the cord.
- Should the electric cord or plug become damaged, contact your original retailer or authorized CASIO Service Provider.

AC Adaptor

Never touch the AC adaptor while your hands are wet. Doing so creates the risk of electric shock.



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. Always make sure you observe the following precautions.

- Never try to take batteries apart or allow them to become shorted.
- Never expose batteries to heat or dispose of them by incineration.
- Never mix old batteries with new ones.
- Never mix batteries of different types.
- Do not charge the batteries.
- Make sure the positive (+) and negative (-) ends of the batteries are facing correctly.



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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.



Water and Foreign Matter

Water, other liquids, and foreign matter (such as pieces of metal) getting into the product create the risk of fire and electric shock. Take the following steps immediately.

- 1. Turn off power.
- 2. If you are using the AC adaptor for power, unplug it from the wall outlet.
- 3. Contact your original retailer or an authorized CASIO Service Provider.

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. Leave all internal inspection, adjustment, and maintenance up to your original retailer or authorized CASIO Service Provider.

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. Take the following steps immediately.

- 1. Turn off power.
- 2. If you are using the AC adaptor for power, unplug it from the wall outlet.
- 3. Contact your original retailer or an authorized CASIO Service Provider.

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Safety Precautions

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. Particular care concerning this precaution is required where small children are present.

Keep off of the product and stand.*

Climbing onto the product or stand can cause it to tip over or become damaged. Particular care concerning this precaution is required where small children are present.

Location

Avoid locating the product on an unstable stand, on an uneven surface, or any other unstable location. An unstable location can cause the product to fall over, creating the risk of personal injury.









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Safety Precautions

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.



AC Adaptor

Misuse of the AC adaptor creates the risk of fire and electric shock. Always make sure you observe the following precautions. • Insert the AC adaptor into the



- wall outlet as far as it will go.
 Unplug the AC adaptor from the wall outlet during lightening storms or before leaving on a trip or other long-
- term absence.
 At least once a year, unplug the AC adaptor from the wall outlet and wipe away any dust that is built up in the area around the prongs of the plug.

Relocating the Product

Before relocating the product, always unplug the AC adaptor from the wall outlet and disconnect all other cables and connecting cords. Leaving cords connected creates the risk of damage to the cords, fire, and electric shock.

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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. Always make sure you observe the following precautions.

- Use only batteries that are specified for use with this product.
- Remove batteries from the product if you do not plan to use it for a long time.

Connectors

Connect only the specified devices and equipment to the product's connectors. Connection of a non-specified device or equipment creates the risk of fire and electric shock.

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.
- In food preparation areas or other areas subject to oil smoke.
- Near air conditioning equipment, on a heated carpet, in areas exposed to direct sunlight, inside of a vehicle parked in the sun, or any other area that subjects the product to high temperatures.

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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. LCD panel liquid can cause skin irritation.
- Should LCD panel liquid ever get inside your mouth, immediately wash out your mouth with water and contact your physician.
- Should LCD panel liquid ever get into your eyes or onto your skin, rinse with clear water for at least 15 minutes, and then contact a physician.

Sound Volume

Do not listen to music at very loud volumes for long periods. Particular care concerning this precaution is required when using headphones. High volume settings can damage your hearing.

Heavy Objects

Never place heavy object on top of the product.

Doing so can make the product top heavy, causing the product to tip over or the object to fall from it, creating the risk of personal injury.

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Safety Precautions

Correct Stand* Assembly

An incorrectly assembled stand can tip over, causing the product to fall and creating the risk of personal injury.

Make sure you assemble the stand correctly, following the assembly instructions that come with it. Make sure you mount the product on the stand correctly.

* Stand is available as an option.

IMPORTANT! _

When using batteries, be sure to replace them or shift to one of the alternate power sources whenever you notice any of the following symptoms.

- Dim power indicator
- Instrument does not turn on
- Display that is flickering, dim, or difficult to read
- Abnormally low speaker/headphone volume
- Distortion of sound output
- Occasional interruption of sound when playing at high volume
- Sudden power failure when playing at high volume
- Flickering or dimming of the display when playing at high volume
- Continued sound output even after you release a key
- A tone that is totally different from the one that is selected
- Abnormal rhythm pattern and Song Bank play



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Congratulations upon your selection of this CASIO musical instrument. This keyboard provides you with the following features and functions.

□ 100 tones

Choose from among orchestral sounds, synthesized sounds, and more.

□ 100 rhythms

100 versatile rhythms help to add plenty of life to all your keyboard performances.

Auto Accompaniment

Simply play a chord and the corresponding rhythm, bass and chord parts play automatically.

□ 50-tune Song Bank

A wide selection of favorites including "ODE TO JOY" and "JINGLE BELLS" is yours for your listening enjoyment or play along fun. A simple operation cuts out the melody part of the tune, allowing you to play along on the keyboard.

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General Guide

- ① Power indicator
- 2 POWER/MODE switch
- ③ MAIN VOLUME buttons
- ④ TRANSPOSE/TUNE button
- **⑤** SYNCHRO/FILL-IN button
- 6 START/STOP button
- ⑦ TEMPO buttons
- **⑧ ACCOMP VOLUME button**
- 9 Speaker
- 10 Rhythm list
- 1 Tone list
- 12 Song bank list
- 13 Display

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- (1) Chord name
- 15 Percussion instrument list
- 16 SONG BANK button
- 17 RHYTHM button
- 18 TONE button
- (19 [+]/[-] buttons
 - · Negative values can be changed only by using [+] and [-] to increase and decrease the displayed value.
- 2 Number buttons · For input of numbers to change displayed
 - settings.
- SONG BANK CONTROLLER
 - 2 STOP button
 - 2 PLAY/PAUSE button
 - 3 MELODY ON/OFF button



*Attachment of the Score Stand

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Insert both ends of the music stand provided with the keyboard into the two holes on the top surface.



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Using the Display



[•] This is how the display appears while the Song Bank is in use.

- **1.** An indicator appears next to the type of setting you are currently performing (TONE, RHYTHM, SONG BANK).
- 2. Tone number, rhythm number, song number, keyboard settings value
- 3. Rhythm, auto-accompaniment, Song Bank tune beats
- 4. Tone name, rhythm name, song name, mode name, keyboard setting names
- 5. Auto-accompaniment and Song Bank chord names
- 6. "MELODY" indicates the on/off status of the melody part during Song Bank playback.
- 7. Rhythm, auto-accompaniment, Song Bank tune tempo
- 8. Rhythm, auto-accompaniment, Song Bank tune tempo; volume setting
- 9. Song Bank controller indicators

NOTE .

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• Display examples shown in this User's Guide are intended for illustrative purposes only. The actual text and values that appear on the display may differ from the examples shown in this User's Guide.

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Song Bank Quick Reference



A selection of 50 Song Bank tunes comes built-in for your listening pleasure or play along fun. A simple operation cuts out the melody part of the tune, allowing you to play along on the keyboard. See "Using the Song Bank" on page E-25 for details on playing along with Song Bank tunes.

Playing Back a Song Bank Tune

To play back a Song Bank tune

Set the POWER/MODE switch to NORMAL.

2 Use the MAIN VOLUME buttons to lower the keyboard volume to a relatively low level.

└── STATUS		
TEMPO MAIN VOLUME	•	ηŇ

Press the SONG BANK button to enter the Song Bank Mode.

Appears when SONG BANK button is pressed



Use the Song Bank list to find the tune you want to play back, and then use the number buttons to input the tune's two-digit number. *Example*: To select "40 ODE TO JOY", input 4 and then 0.



- **5** Press the PLAY/PAUSE button to start play of the tune.
 - The tune plays in an endless loop, restarting after it reaches the end.



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Song Bank Quick Reference



Press the MELODY ON/OFF button to turn off the melody part and try playing along on the keyboard.

TONE RHYTHM SONG BANK	, 40 OdeTo	Јоу
STATUS	▶ •	
TEMPO MAIN VOLUME	• 100 \	

Press the MELODY ON/OFF button again to turn the melody part back on.



Press the TONE button to exit the Song Bank Mode and return to the tone and rhythm selection screen.



Indicator turns off

NOTE _

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• You can also perform the following operation during play of a Song Bank tune.

• Pause: Press the PLAY/PAUSE button.

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Power Supply

This keyboard can be powered by current from a standard household wall outlet (using the specified AC adaptor) or by batteries. Always make sure you turn the keyboard off whenever you are not using it.

Using batteries

Always make sure you turn off the keyboard before loading or replacing batteries.

To load batteries

Remove the battery compartment cover by sliding it in the direction of the arrow indicated in the figure.



Load 6 AA-size batteries into the battery compartment.

• Make sure that the positive (+) and negative (-) ends are facing correctly.







The keyboard may not function correctly if you load or replace batteries with power turned on. If this happens, turning the keyboard off and then back on again should return functions back to normal.

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Important Battery Information

The following shows the approximate battery life.

- * The above value is standard battery life at normal temperature, with the keyboard volume at medium setting. Temperature extremes or playing at very loud volume settings can shorten battery life.
- Any of the following symptoms indicate low battery power. Replace batteries as soon as possible whenever any of the following occurs.
 - Dim power indicator
 - Instrument does not turn on
 Display that is flickering, dim, or difficult to read
 - Abnormally low speaker/headphone volume
 - Distortion of sound output
 - Occasional interruption of sound when
 - playing at high volumeSudden power failure when playing at high
 - volumeFlickering or dimming of the display when playing at high volume
 - Continued sound output even after you release a key
 - A tone that is totally different from the one that is selected
 - Abnormal rhythm pattern and Song Bank play

A WARNING

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. Always make sure you observe the following precautions.

- Never try to take batteries apart or allow them to become shorted
- Never expose batteries to heat or dispose of them by incineration.
- Never mix old batteries with new ones.
- Never mix batteries of different types.
- · Do not charge the batteries.
- Make sure the positive (+) and negative (-) ends of the batteries are facing correctly.

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Power Supply

▲ CAUTION

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. Always make sure you observe the following precautions.

- Use only batteries that are specified for use with this product.
- Remove batteries from the product if you do not plan to use it for a long time.

Using the AC Adaptor

Make sure that you use only the AC adaptor specified for this keyboard.

Specified AC Adaptor: AD-5

[Rear Panel]



Also note the following important warnings and precautions when using the AC adaptor.

A WARNING

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

- Be sure to use only the AC adaptor that is specified for this product.
- Use only a power source whose voltage is within the rating marked on the AC adaptor.
- Do not overload electrical outlets and extension cords.
- Never place heavy objects on the cord or subject it to heat.
- Never try to modify the cord or subject it to excessive bending.
- Never twist or stretch the cord.
- Should the electric cord or plug become damaged, contact your original retailer or authorized CASIO Service Provider.
- Never touch the AC adaptor while your whands are wet.
- Doing so creates the risk of electric shock.

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.
- Never pull on the cord when unplugging from the electrical outlet. Always grasp the AC adaptor when unplugging.
- Insert the AC adaptor into the wall outlet as far as it will go.
- Unplug the AC adaptor from the wall outlet during lightening storms or before leaving on a trip or other long-term absence.
- At least once a year, unplug the AC adaptor from the wall outlet and wipe away any dust that is built up in the area around the prongs of the plug.

IMPORTANT!

- Make sure that the keyboard is turned off before connecting or disconnecting the AC adaptor.
- Using the AC adaptor for a long time can cause it to become warm to touch. This is normal and does not indicate malfunction



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Power Supply

Auto Power Off

When you are using battery power, keyboard power turns off automatically whenever you leave it on without performing any operation for about 6 minutes. When this happens, use the POWER/ MODE switch to turn power back on.

NOTE _

• Auto Power Off is disabled (it does not function) when you are using the AC adaptor to power the keyboard.

To disable Auto Power Off

Hold down the TONE button while turning on the keyboard to disable Auto Power Off.

NOTE -

- When Auto Power Off is disabled, the keyboard does not turn off automatically no matter how long it is left with no operation being performed.
- Auto Power Off is automatically enabled whenever you turn on keyboard power.

Settings

All keyboard settings are returned to their initial defaults whenever keyboard power is turned back on after being turned off by operation of the POWER/MODE switch or Auto Power Off.

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Connections

Phones/Output Terminal

Before connecting phones or other external equipment, be sure to first turn down the volume settings of the keyboard and the connected equipment. You can then adjust volume to the desired level after connections are complete.

[Rear Panel]



Connecting Phones (Figure 1)

Connecting phones cuts off output from the keyboard's built-in speakers, so you can play even late at night without disturbing anyone.

Audio Equipment (Figure 2)

Connect the keyboard to an audio equipment using a commercially available connecting cord with a standard plug on one end and two PIN plugs on the other end. In this configuration, you normally set the input selector of the audio equipment to the terminal (usually marked AUX IN or something similar) where the cord from the keyboard is connected. See the user documentation that comes with your audio equipment for full details.

Musical Instrument Amplifier (Figure 3)

Use a commercially available connecting cord* to connect the keyboard to a musical instrument amplifier.

* Be sure to use a connecting cord that has standard plugs on the ends you connect to the keyboard and amplifier.

When connected to a musical instrument amplifier, set the volume of the keyboard to a relatively low level and make output volume adjustments using the amplifier's controls.

[Connection Example]



Accessories and Options

Use only the accessories and options specified for this keyboard. Use of non-authorized items creates the danger of fire, electrical shock, and personal injury.

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Basic Operations



This section provides information on performing basic keyboard operations.

Playing the Keyboard

To play the keyboard

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1) Set the POWER/MODE switch to NORMAL.

Use the MAIN VOLUME buttons to lower the keyboard volume.

- It's always a good idea to set the keyboard volume at a relatively low level before playing.
- Pressing [▲] or [♥] causes the current volume setting to appear on the display. Press [▲] or [♥] again to change the setting.

O Play something on the keyboard.

Selecting a Tone

This keyboard comes with 100 built-in tones. Use the following procedure to select the tone you want to use.

To select a tone

Find the tone you want to use in the tone list and note its tone number.

• Not all of the available tones are shown on the tone list printed on the keyboard console. For a complete list, see the "Tone List" on page A-1. **2** Press the TONE button.



Use the number buttons to input the two digit tone number for the tone you want to select.

Example: To select "26 WOOD BASS", input 2 and then 6.



 Now notes played on the keyboard will be played using an acoustical wood bass sound.

NOTE _

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- Always input both digits for the tone number, including a leading zero (if any). If you input one digit and stop, the display will automatically clear your input after a few seconds.
- You can also increment the displayed tone number by pressing [+] and decrement it by pressing [-].
- Sound effect tones such as 77 VEHICLE sound best when you keep a keyboard key depressed.

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Basic Operations

Combination tones

The following describes the two types of combination tones that are available.

Layered Tones (Tone Numbers: 80 through 89) Example: 80 STR PIANO

This tone layers a strings tone with a piano tone so they both sound when a keyboard key is pressed.

Split Tones (Tone Numbers: 90 through 96) Example: 90 BASS/PIANO

This tone splits the keyboard so one range is assigned a bass tone and another range is assigned a piano tone.



Percussion sounds

Example: 99 PERCUSSION

This tone assigns various percussion sounds to the keyboard. See the "Percussion Instrument List" on page A-7 for full details.

Sound Effect Tones

With sound effect tones 77 through 79, the type of sound produced depends on the octave where the key you press is located. When 78 PHONE is selected available sound types are PUSH TONE 1, PUSH TONE 2, RING 1, and RING 2.

Polyphony

The term polyphony refers to the maximum number of notes you can play at the same time. The keyboard has 12-note polyphony, which includes the notes you play as well as the rhythms and auto-accompaniment patterns that are played by the keyboard. This means that when a rhythm or auto-accompaniment pattern is being played by the keyboard, the number of notes (polyphony) available for keyboard play is reduced. Also note that some of the tones offer only 6-note polyphony.

NOTE ____

• When rhythm or auto accompaniment is playing, the number of sounds simultaneously played is reduced.

Digital Sampling

A number of the tones that are available with this keyboard have been recorded and processed using a technique called digital sampling. To ensure a high level of tonal quality, samples are taken in the low, mid, and high ranges and then combined to provide you with sounds that are amazingly close to the originals. You may notice very slight differences in volume or sound quality for some tones when you play them at different positions on the keyboard. This is an unavoidable result of multiple sampling, and it is not a sign of malfunction.

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This keyboard automatically plays bass and chord parts in accordance with the chords you finger. The bass and chord parts are played using sounds and tones that are automatically selected to select the rhythm you are using. All of this means that you get full, realistic accompaniments for the melody notes you play with your right hand, creating the mood of a one-person ensemble.



Selecting a Rhythm

This keyboard provides you with 100 exciting rhythms that you can select using the following procedure.

To select a rhythm

Find the rhythm you want to use in the rhythm list and note its rhythm number.

• Not all of the available rhythms are shown on the rhythm list printed on the keyboard console. For a complete list, see the "Rhythm List" on page A-2. **2** Press the RHYTHM button.



Use the number buttons to input the two digit rhythm number for the rhythm you want to select.

Example: To select "64 WALTZ", input 6 and then 4.

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NOTE _

"00 CLUB POP" is the initial default rhythm setting whenever you turn on keyboard power.
You can also increment the displayed rhythm number by pressing [+] and decrement it by pressing [-].

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You can adjust the tempo of rhythm play within a range of 20 to 255 beats per minute. The tempo setting is applied to Auto Accompaniment chord play, and song bank operations.



keep in time as you play along with a rhythm or

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Using Auto Accompaniment

The following procedure describes how to use the keyboard's Auto Accompaniment feature. Before starting, you should first select the rhythm you want to use and set the tempo of the rhythm to the value you want.

To use Auto Accompaniment

1 Set the POWER/MODE switch to CASIO CHORD or FINGERED.

Press the START/STOP button to start play of the currently selected rhythm.

3 Play a chord.

• The actual procedure you should use to play a chord depends on the current POWER/MODE switch position. Refer to the following pages for details on chord play.

CASIO CHORD	This page
FINGERED	Page E-22



4 To stop Auto Accompaniment play, press the START/STOP button again.

CASIO CHORD

This method of chord play makes it possible for anyone to easily play chords, regardless of previous musical knowledge and experience. The following describes the CASIO CHORD "Accompaniment keyboard" and "Melody keyboard", and tells you how to play CASIO CHORDs.

Auto Accompaniment

CASIO CHORD Accompaniment Keyboard and Melody Keyboard

Accompaniment



NOTE _

- The accompaniment keyboard can be used for playing chords only.
- No sound will be produced if you try playing single melody notes on the accompaniment keyboard.

Chord Types

CASIO CHORD accompaniment lets you play four types of chords with minimal fingering.

Chord Types	Example
Major chords Major chord names are marked above the keys of the accompaniment keyboard. Note that the chord produced when you press an accompaniment keyboard does not change octave, regardless of which key you use to play it.	
Minor chords (m) To play a minor chord, keep the major chord key depressed and press any other accompaniment keyboard key located to the right of the major chord key.	C minor (Cm)
Seventh chords (7) To play a seventh chord, keep the major chord key depressed and press any other two accompaniment keyboard keys located to the right of the major chord key.	C seventh (C7)
Minor seventh chords (m7) To play a minor seventh chord, keep the major chord key depressed and press any other three accompaniment keyboard keys located to the right of the major chord key.	C minor seventh (Cm7)

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NOTE .

• It makes no difference whether you press black or white keys to the right of a major chord key when playing minor and seventh chords.

FINGERED

FINGERED provides you with a total of 15 different chord types. The following describes the FINGERED "Accompaniment keyboard" and "Melody keyboard", and tells you how to play a C-root chord using FINGERED.

FINGERED Accompaniment Keyboard and Melody Keyboard

Accompaniment



NOTE

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 The accompaniment keyboard can be used for playing chords only. No sound will be produced if you try playing single melody notes on the accompaniment keyboard.

See the "Fingered Chord Chart" on page A-5 for details on playing chords with other roots.

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- ***1:** Inverted fingerings cannot be used. The lowest note is the root.
- *2: The same chord can be played without pressing the 5th G.

NOTE _

- Except for the chords specified in note*1 above, inverted fingerings (i.e. playing E-G-C or G-C-E instead of C-E-G) will produce the same chords as the standard fingering.
- Except for the exception specified in note^{*2} above, all of the keys that make up a chord must be pressed. Failure to press even a single key will not play the desired FINGERED chord.

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Using a Fill-in Pattern

Fill-in patterns let you momentarily change the rhythm pattern to add some interesting variation to your performances.

The following procedure describes how to use the Fill-in feature.

To insert a fill-in

Press the START/STOP button to start rhythm play.

Press the SYNCHRO/FILL-IN button to insert a fill-in pattern for the rhythm you are using.

Synchro Starting Accompaniment with Rhythm Play

You can set up the keyboard to start rhythm play at the same time you play the accompaniment on the keyboard.

The following procedure describes how to use synchro start. Before starting, you should first select the rhythm you want to use, set the tempo, and use the POWER/MODE switch to select the chord play method you want to use (CASIO CHORD, FINGERED).

To use synchro start

1 Press the SYNCHRO/FILL-IN button to put the keyboard into synchro start standby.

TEMPO MAIN VOLUME

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Play a chord on the accompaniment keyboard and the rhythm pattern starts to play automatically.

NOTE _

- If the POWER/MODE switch is set to NORMAL, only the rhythm plays (without a chord) when you play on the accompaniment keyboard.
- To cancel synchro start standby, press the SYNCHRO/FILL-IN button one more time.

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Adjusting the Accompaniment Volume

You can adjust the volume of the accompaniment parts as a value in the range of 0 (minimum) to 9.

1 Press the ACCOMP VOLUME button.

Current accompaniment volume setting

TONE RHYTHM SONG BANK	7 AccmpVol
-	e number buttons or the [+]/[– to change the current volume setting 5
TONE RHYTHM SONG BANK	5 AccmpVol
that appea from the d	nt accompaniment volume value ars in Step 1 automatically clears isplay if you do not input anything

within about five seconds.
Pressing [+] and [-] buttons at the same time automatically sets an accompaniment volume of 7.

E-24

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Using the Song Bank



A selection of 50 Song Bank tunes comes built-in for your listening enjoyment or play along fun. You can turn off the melody part to practice with the remaining part.

Playing Back a Song Bank Tune

To play back a Song Bank tune

- Set the POWER/MODE switch to NORMAL, FINGERED, or CASIO CHORD.
- 2 Adjust the main volume and accomp volume.
- Press the SONG BANK button to enter the Song Bank Mode.

Appears when SONG BANK button is pressed



Use the Song Bank list to find the tune you want to play back, and then use the number buttons to input the tune's two-digit number. *Example:* To select "31 ALOHA OE", input 3 and then 1.



NOTE -

- "00 TWINKLE TWINKLE LITTLE STAR" is the initial default Song Bank tune setting whenever you turn on keyboard power.
- You can also increment the displayed tune number by pressing [+] and decrement is by pressing [-].

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Using the Song Bank



5 Press the PLAY/PAUSE button to start play of the tune.

Appears when PLAY/PAUSE button is pressed



Chord name



To pause Song Bank tune play

While a Song Bank tune is playing, press the PLAY/PAUSE button to pause it.

The indicator "II" appears while a tune play is paused.

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NOTE _

- Each time you select a new Song Bank tune, the tone, tempo, and rhythm that is programmed for the tune are automatically selected. You can change a tune's tone and tempo during playback, but you cannot change the rhythm.
- You can also adjust the accompaniment volume (page E-24) for Song Bank tunes.

Song Bank Mode Display

In the Song Bank Mode, the display shows a variety of information about the tune being played.

[Playback Display]



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Adjusting the Tempo of a Song Bank Tune

To change the tempo of a Song Bank tune

The tempo can be set within a range of 20 to 255 beats per minute. The tempo setting can be adjusted while the tune is stopped, playing back, or paused.

Use the TEMPO buttons $[\blacktriangle / \nabla]$ to adjust the tempo.

- ▲ : each press increases the value
- ▼ : each press decreases the value

NOTE

SONG BANK

• Pressing both the [▲] and [▼] TEMPO buttons at the same time returns the tempo setting to the preset value for the currently selected tune.

Changing the Tone of a Song Bank Tune's Melody

You can select any one of the keyboard's 100 tones to be used to play the melody part of a Song Bank tune. The tone setting can be changed while the tune is stopped or playing back.





30 Violin TONE 4 BHYTH SONG BANK



NOTE

- · Pressing both the [+] and [-] buttons at the same time selects "00 PIANO 1"
- To return a Song Bank tune to its original settings, simply select that tune again.

Playing Along with a Song Bank Tune

Each Song Bank tune has an accompaniment part and a melody part. You can turn off the melody part of a Song Bank tune and play along with the remaining part on the keyboard.

To play along with a Song Bank tune



🚺 Perform steps 1 through 4 under "To play back a Song Bank tune" on page E-25 to select the song you want to play along with.

(2) Press the MELODY ON/OFF button to turn off the melody part.

• The on/off status of the melody part is indicated by "MELODY" that appears on the display. The melody part is turned on when "MELODY" is displayed, and turned off when "MELODY" is not displayed.

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Indicator turns off.



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Using the Song Bank



3 Press the PLAY/PAUSE button to start play of the Song Bank Tune.

• Only the accompaniment part is played, so you can play the melody part on the keyboard.

TONE RHYTHM SONG BANK	, 3	I A	o h	a	Oe
STATUS	•	•••			
TEMPO MAIN VOLUME	• 121	<u>3</u>			

4 To end playback, press the STOP button.

NOTE .

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• The selected Song Bank tune continues to repeat until you stop playback by pressing the STOP button.

Applause Sound

SONG BANK

Whenever you turn off the melody part of a Song Bank tune and play it back, an applause sound is produced when the tune reaches the end.





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Keyboard Settings



Transposing the Keyboard

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Transpose lets you raise and lower the overall key of the keyboard in semitone units. If you want to play an accompaniment for a vocalist who sings

	e keyboard OSE/TUNE buttor n appears on the d	n until isplay.	 If you leave the transpose so display for about five seconds y anything, the screen is automatie The transpose setting also a Accompaniment. Playing back a Song Bank tune a returns the transpose setting to default of "0".
	oard.	d five	
SONG BANK -			
E-30			
CTK230_E30_31.p65	30		03.10.7, 2:02 PM

NOTE .

- The keyboard can be transposed within a range of -6 to +5.
 The default transpose setting is "0" when
- keyboard power is turned on.
- creen on the without doing ically cleared.
- affects Auto
- automatically o its standard

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Press the TRANSPOSE/TUNE button twice to display the tuning screen. TONE RHYTHM OD TUNE Use [+] and [-] to change the tuning setting of the keyboard. <i>Example</i> : To lower the tuning by 20. TONE RHYTHM SONG BANK CO TUNE (-) OTE The keyboard can be tuned within a range of -50 cents to +50 cents. *100 cents is equivalent to one semitone. The default tuning setting is "00" when keyboard power is turned on. If you leave the tuning screen on the display for about five seconds without doing anything, the screen is automatically cleared. The tuning setting also affects Auto Accompaniment. Playing back a Song Bank tune automatically		
to display the tuning screen. TONE RHYTHM SONG BANK DD TUNE Use [+] and [-] to change the tuning setting of the keyboard. <i>Example</i> : To lower the tuning by 20. TONE SONG BANK DD TUNE (-) DTE The keyboard can be tuned within a range of -50 cents to +50 cents. *100 cents is equivalent to one semitone. The default tuning setting is "00" when keyboard power is turned on. If you leave the tuning screen on the display for about five seconds without doing anything, the screen is automatically cleared. The tuning setting also affects Auto Accompaniment. Playing back a Song Bank tune automatically		
RHYTHM Uii IUNC SONG BANK IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		ice
of the keyboard. Example: To lower the tuning by 20. TONE RHYTHM SONG BANK CONTE The keyboard can be tuned within a range of -50 cents to +50 cents. *100 cents is equivalent to one semitone. The default tuning setting is "00" when keyboard power is turned on. If you leave the tuning screen on the display for about five seconds without doing anything, the screen is automatically cleared. The tuning setting also affects Auto Accompaniment. Playing back a Song Bank tune automatically	внутны і і і і і і і Р	
The keyboard can be tuned within a range of -50 cents to +50 cents. *100 cents is equivalent to one semitone. The default tuning setting is "00" when keyboard power is turned on. If you leave the tuning screen on the display for about five seconds without doing anything, the screen is automatically cleared. The tuning setting also affects Auto Accompaniment. Playing back a Song Bank tune automatically	Example: To lower the tuning by 20.	
default of "00".	-50 cents to +50 cents. *100 cents is equivalent to one semitone. The default tuning setting is "00" whe keyboard power is turned on. If you leave the tuning screen on the displa for about five seconds without doing anything the screen is automatically cleared. The tuning setting also affects Aut Accompaniment. Playing back a Song Bank tune automaticall returns the tuning setting to its standar	n ly g, o

Keyboard Settings

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Troubleshooting

Problem	Possible Cause	Action	See
No keyboard Sound	1. Power supply problem.	1. Correctly attach the AC adaptor, make sure that batteries poles (+/-) are facing correctly, and check to make sure that batteries are not dead.	Pages E-13, 14
	2. Power is not turned on.	2. Set the POWER/MODE switch to the NORMAL position.	Page E-17
	3. Volume setting is too low.	3. Use the MAIN VOLUME buttons to increase volume.	Page E-17
	4. The POWER/MODE switch is in the CASIO CHORD or FINGERED position.	4. Normal play is not possible on the accompaniment keyboard while the POWER/MODE switch is set to CASIO CHORD or FINGERED. Change the POWER/MODE switch setting to NORMAL.	Page E-17
 Any of the following symptoms while using battery power. Dim power indicator Instrument does not turn on Display that is flickering, dim, or difficult to read Abnormally low speaker/ headphone volume Distortion of sound output Occasional interruption of sound when playing at high volume Sudden power failure when playing at high volume Flickering or dimming of the display when playing at high volume Continued sound output even after you release a key A tone that is totally different from the one that is selected Abnormal rhythm pattern and Song Bank play 	Low battery power	Replace the batteries with a set of new ones or use the AC adaptor.	Pages E-13, 14
Auto Accompaniment does not sound.	Auto accompaniment volume is set to 0.	Use the ACCOMP VOLUME button to increase the volume.	Page E-24

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Troubleshooting

Problem	Possible Cause	Action	See
The key or tuning does not match when playing along with another instrument.	The tuning or transpose parameter is set to a value other than 0 or 00.	Change the transpose or tuning parameter value to 0 or 00.	U U
Missing Song Bank tune	Melody part is turned off.	Press the MELODY ON/OFF button to turn on the melody part.	Page E-27

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Specifications

Model:	CTK-230
Keyboard:	49 standard-size keys, 4 octaves
Tones:	100
Polyphony:	12 notes maximum (6 for certain tones)
Auto Accompaniment Rhythm Patterns: Tempo: Chords: Rhythm Controller: Accomp Volume:	100 Variable (236 steps, ↓ = 20 to 255) 2 fingering methods (CASIO CHORD, FINGERED) START/STOP, SYNCHRO/FILL-IN 0 to 9 (10 steps)
Song Bank Tunes: Controllers:	50 PLAY/PAUSE, STOP, MELODY ON/OFF
Display Name display: Tempo: Chord: Song Park Status	TONE, RHYTHM, SONG BANK name/number, keyboard setting names/values Tempo value, metronome, synchro standby, beat indicator, volume setting Chord name PLAY, BALISE MELODY ON (OPE
Song Bank Status:	PLAY, PAUSE, MELODY ON/OFF
Other Functions Transpose: Tuning: Volume:	12 steps (-6 semitones to +5 semitones) Variable (A4 = approximately 440 Hz ± 50 cents) 0 to 9 (10 steps)
Terminals Phones/Output Terminal: Power Supply Terminal:	Stereo standard jack (Output is monaural.) Output Impedance: 78Ω Output Voltage: 3V (RMS) MAX 9V DC
Power Supply: Batteries: Battery Life: AC Adaptor: Auto Power Off:	Dual power supply system 6 AA-size batteries Approximately 6 hours continuous operation on alkaline batteries Approximately 3 hours continuous operation on manganese batteries AD-5 Turns power off approximately 6 minutes after last operation. Enabled under battery power only, can be disabled manually.
Speaker Output:	ø 10cm × 2 (1.6W + 1.6W)
Power Consumption:	9V 6.5W
Dimensions:	$87.5 \times 30.0 \times 10.0 \text{ cm} (34^{1}/_{2} \times 11^{13}/_{16} \times 3^{15}/_{16} \text{ inch})$
	10 10

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Avoid heat, humidity or direct sunlight.

Do not overexpose the instrument to direct sunlight, or place it near an air conditioner, or in any extremely hot place.

Do not use near a TV or radio.

This instrument can cause video or audio interference with TV and radio reception. If this happens, move the instrument away from the TV or radio.

Do not use lacquer, thinner or similar chemicals for cleaning.

Clean the keyboard with a soft cloth dampened in a weak solution of water and a neutral detergent. Soak the cloth in the solution and squeeze until it is almost dry.

Avoid use in areas subjected to temperature extremes.

Extreme heat can cause figures on the LCD screen to become dim and difficult to read. This condition should correct itself when the keyboard is brought back to normal temperature.

NOTE _

• You may notice lines in the finish of the case of this keyboard. These lines are a result of the molding process used to shape the plastic of the case. They are not cracks or breaks in the plastic, and are no cause for concern.

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Tone List/Lista de sonidos

PIAN	10	34	STRINGS2	SYN	TH-SOUNDII
00	PIANO1	35	STRINGS3	70	PEARL DROP
01	PIANO2	36	SYNTH-STR1	71	COSMIC SOUND
02	HONKY-TONK	37	SYNTH-STR2	72	SOUNDTRACK
03	STUDIOPIANO	38	CHOIR	73	SPACE PAD
04	ELEC PIANO1	39	VOICE OOH	74	VOICE BASS
05	ELEC PIANO2	BRA:	SS	75	APPLAUSE
06	ELEC PIANO3	40	TRUMPET	76	SYNTH-SFX
07	ELEC PIANO4	41	TUBA	77	VEHICLE
08	HARPSICHORD	42	BRASS ENS	78	PHONE
09	CLAVELECTRO	43	FR.HORN1	79	FUNNY
ORG	AN	44	FR.HORN2	LAY	ER
10	ELEC ORGAN1	45	BRASS1	80	STR PIANO
11	ELEC ORGAN2	46	BRASS2	81	STR E.PIANO
12	ELEC ORGAN3	47	SYN-BRASS1	82	CHOIRE.P
13	ELEC ORGAN4	48	SYN-BRASS2	83	CHOIR ORGAN
14	CHURCH ORGAN	49	SYN-BRASS3	84	STR GUITAR
15	PIPE ORGAN	REEL	D/PIPE	85	STR HARP
16	REED ORGAN	50	SOPRANO SAX	86	BRASS STR
17	ACCORDION	51	ALTO SAX	87	VIB PAD
18	BANDONEON	52	TENOR SAX	88	12 STR GTR
19	HARMONICA	53	OBOE	89	CHOIR STR
GUI	TAR/BASS	54	CLARINET	SPL	IT/PERCUSSION
20	GUT GUITAR	55	PICCOLO	90	BASS/PIANO
21	ACOUS GUITAR	56	FLUTE	91	BASS/E.PIANO
22	JAZZ GUITAR	57	RECORDER	92	BASS/VIB
23	ELEC GUITAR	58	PAN FLUTE	93	BASS/GUT GTR
24	MUTE GUITAR	59	WHISTLE	94	V.BASS/OOH
25	DIST GUITAR	SYN	TH-SOUNDI	95	STR/PIANO
26	WOOD BASS	60	SYN-LEAD1	96	STR/TRUMPET
27	ELEC BASS	61	SYN-LEAD2	97	VIBRAPHONE
28	SLAP BASS	62	SYN-LEAD3	98	MARIMBA
29	BANJO	63	SYN-CALLIOPE	99	PERCUSSION
STR	INGS/ENSEMBLE	64	SYN-PAD1		
30	VIOLIN	65	SYN-PAD2	_	
31	CELLO	66	SYN-PAD3	_	
32	HARP	67	GLASS HMCA	_	
33	STRINGS1	68	COUNTRY FARM	_	
	ļ	69	SYN-BASS		

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Rhythm List/Lista de ritmos

POPS	5 I	34	STRAIGHT ROCK	LATI	IN I
00	CLUB POP	35	HEAVY METAL	70	BOSSA NOVA
01	VOCAL POP	36	TWIST	71	SAMBA
02	RAP POP	37	NEW ORLNS R&R	72	МАМВО
03	FUNKY POP 1	38	CHICAGO BLUES	73	RHUMBA
04	SOUL BALLAD	39	R&B	74	СНА-СНА-СНА
05	POP BALLAD	JAZZ	/FUSION	75	MERENGUE
06	LOVE BALLAD	40	BIG BAND	76	REGGAE
07	FUNKY POP 2	41	SLOW SWING	77	BOLERO
08	EPIC BALLAD	42	SWING	78	TANGO 2
09	LITE POP	43	FOX TROT	79	LAMBADA
POPS	S II	44	JAZZ WALTZ	LATI	IN II/VARIOUS I
10	16 BEAT SHUFFLE	45	MODERN JAZZ	80	PUNTA
11	16 BEAT POP	46	COOL	81	CUMBIA
12	16 BEAT FUNK	47	HARD BOP	82	SKA
13	8 BEAT POP	48	ACID JAZZ	83	TEX-MEX
14	8 BEAT SOUL	49	LATIN FUSION	84	SALSA
15	8 BEAT SHUFFLE	DAN	CE/FUNK	85	FOLKLORE
16	DANCE POP 1	50	VOCAL GROOVE	86	PASODOBLE
17	DANCE POP 2	51	RAVE	87	RUMBA CATALANA
18	POP FUSION	52	CLUB GROOVE	88	SEVILLANA
19	FOLKIE POP	53	TECHNO	89	FOLK
ROC	КІ	54	TRANCE	VAR	IOUS II
20	ROCK WALTZ	55	HOUSE	90	COUNTRY
21	SLOW ROCK 1	56	GROOVE SOUL	91	BLUEGRASS
22	SLOW ROCK 2	57	DISCO	92	TOWNSHIP
23	SOFT ROCK 1	58	RAP	93	FAST GOSPEL
24	SOFT ROCK 2	59	FUNK	94	SLOW GOSPEL
25	SOFT ROCK 3	EUR	OPEAN	95	ADANI
26	POP ROCK 1	60	POLKA 1	96	BALADI
27	POP ROCK 2	61	POLKA 2	97	BAROQUE
28	50'S ROCK	62	MARCH 1	98	ENKA
29	60'S SOUL	63	MARCH 2	99	NEW AGE
ROC	K II	64	WALTZ		
30	4 BEAT ROCK	65	VIENNESE WALTZ		
31	ROCK	66	FRENCH WALTZ		
32	HEAVY ROCK	67	SLOW WALTZ		
33	8 BEAT ROCK	68	SERENADE	1	
00		69	TANGO 1		

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Note Table/Tabla de notas

(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
00	12	А	10	12	А	20	12	А	30	12	A	40	12	А
01	12	А	11	12	A	21	12	А	31	12	В	41	12	В
02	6	Α	12	12	A	22	12	А	32	12	A	42	6	A
03	6	А	13	6	A	23	12	А	33	12	A	43	12	В
04	12	А	14	12	A	24	12	А	34	12	A	44	6	В
05	12	А	15	6	A	25	12	А	35	6	A	45	12	В
06	6	Α	16	12	A	26	12	В	36	12	A	46	6	В
07	6	Α	17	6	A	27	12	В	37	6	A	47	12	В
08	12	А	18	12	A	28	12	В	38	12	A	48	6	В
09	12	А	19	12	A	29	12	А	39	12	А	49	6	В

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(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
50	12	А	60	12	A	70	6	А	80	6	А	90	12	E
51	12	А	61	6	A	71	6	А	81	6	A	91	6	E
52	12	А	62	12	A	72	6	А	82	6	A	92	12	E
53	12	А	63	6	A	73	6	А	83	6	A	93	12	E
54	12	А	64	6	A	74	12	В	84	6	A	94	12	E
55	12	С	65	6	A	75	12	D	85	6	A	95	12	E
56	12	А	66	6	A	76	6	А	86	6	В	96	12	E
57	12	А	67	6	A	77	6	D	87	6	A	97	12	A
58	12	А	68	6	A	78	12	D	88	6	A	98	12	A
59	12	A	69	12	В	79	6	D	89	6	А	99	12	D

(1): Tone number

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(2): Maximum polyphony(3): Range type

(1): Número de sonido

(2): Polifonía máxima(3): Tipo de gama

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• See the illustration below for a description of range types (A through E).

• Vea la ilustración siguiente para una descripción de los tipos de gama (A a E).



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.......Range of keyboard play

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Fingered Chord Chart Cuadros de acordes Fingered

This table shows the left-hand fingerings (including inverted forms) for a number of often-used chords.

Esta tabla muestra las digitaciones (incluyendo las formas invertidas) para varios de los acordes más a menudo usados.

Chord Type Root	М	m	7	m7	dim7	M7	m7-5	dim
С								
C ♯ (D♭)								
D								
E♭ (D #)								₽₽ ₽₽₽₽
E								
F								
F# (G [↓])								
G								[♥₽ ₩ ₽₽₽₽]]
A♭ (G #)								
А					*			┩┩╿┩╘┙╔ ┩╿
B♭ (A#)					*			
В					*			

• Chords marked with asterisk (*) cannot be played in the Fingered Mode on this keyboard.

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• En este teclado, los acordes marcados con asterisco (*) no pueden ejecutarse en el modo Fingered.

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Chord Type Root	aug	sus4	7 sus4	m add9	m M7	7-5	add9
С							
C # (D♭)							
D							
E♭ (D#)							
E							
F							
F# (G♭)							
G							
A♭ (G #)							
А							
B♭ (A#)	*						
В	*						

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6

Percussion Instrument List

Lista de instrumentos de percusión

- PERCUSSION (tone 99) assigns 39 percussion sound to the keyboard as illustrated below. The sound assigned to each key are indicated above the keyboard.
- PERCUSSION (sonido 99) asigna 39 sonidos de percusión al teclado como se ilustra debajo. Los sonidos asignados a cada tecla se indican sobre el teclado.



- * No sound is produced when the keys in this range are pressed. * Cuando se presionan las teclas en esta gama no se
- produce ningún sonido.

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Œ	BASS DRUM	*27	CRASH CYMBAL 1	8	MUTE HIGH CONGA
0	SIDE STICK	н	HIGH TOM	Ŧ	OPEN HIGH CONGA
Θ	ACOUSTIC SNARE	Ŕ	RIDE CYMBAL 1	9	LOW CONGA
7/33	HAND CLAP	R	CHINESE CYMBAL	Øġ	HIGH TIMBALE
9	ELECTRIC SNARE	Z	RIDE BELL	ġ ₀	LOW TIMBALE
۲ ۲	LOW FLOOR TOM	Ø	TAMBOURINE	Š	HIGH AGOGO
\$	CLOSED HI-HAT	4	SPLASH CYMBAL	Š	LOW AGOGO
Ξ	HIGH FLOOR TOM	Ø	COWBELL	Ø,	CABASA
Ş	PEDAL HI-HAT	眇	CRASH CYMBAL 2	P	MARACAS
9	LOW TOM	×	CLAVES))) w	VOICE BASS DRUM
¢	OPEN HI-HAT	$\not\sim$	RIDE CYMBAL 2	₿₩	VOICE SNARE
LM P	LOW-MID TOM	Ma	HIGH BONGO	⇔⊠	VOICE CLOSED HI-HAT
HM	HIGH-MID TOM	ØÓ	LOW BONGO	⇔⊠	VOICE OPEN HI-HAT
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This recycle mark indicates that the packaging conforms to the environmental protection legislation in Germany.

Esta marca de reciclaje indica que el empaquetado se ajusta a la legislación de protección ambiental en Alemania.



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