

CTK-1500

CTK-1550

EN/ES

English

USER'S GUIDE

Please keep all information for future reference.

Safety Precautions

Before trying to use the Digital Keyboard, be sure to read the separate "Safety Precautions".

Español

GUÍA DEL USUARIO

Guarde toda la información para futuras consultas.

Precauciones de seguridad

Antes de intentar usar el teclado digital, asegúrese de leer las "Precauciones de seguridad" separadas.

About Music Score data

You can use a computer to download music score data from the CASIO Website. For more information, visit the URL below.

<http://world.casio.com/>

Acerca de los datos de partituras

Puede utilizar un ordenador (computadora) para descargar los datos de partituras desde el sitio web de CASIO. Para obtener más información, visite la siguiente URL.

<http://world.casio.com/>

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 CAUTION

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

Declaration of Conformity

Model Number: CTK-1500/CTK-1550

Trade Name: CASIO COMPUTER CO., LTD.

Responsible party: CASIO AMERICA, INC.

Address: 570 MT. PLEASANT AVENUE, DOVER, NEW JERSEY 07801

Telephone number: 973-361-5400

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.

Important!

Please note the following important information before using this product.

- Before using the optional AD-E95100L 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.
- The product is not intended for children under 3 years.
- Use only CASIO AD-E95100L adaptor.
- The AC adaptor is not a toy.
- Be sure to disconnect the AC adaptor before cleaning the product.

Declaration of Conformity According to EU Directive



Manufacturer:
CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543, Japan

Responsible within the European Union:
Casio Europe GmbH
Casio-Platz 1, 22848 Norderstedt, Germany
www.casio-europe.com

- Any reproduction of the contents of this manual, either in part or its entirety, is prohibited. Except for your own, personal use, any other use of the contents of this manual without the consent of CASIO is prohibited under copyright laws.
- IN NO EVENT SHALL CASIO BE LIABLE FOR ANY DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION, LOSS OF INFORMATION) ARISING OUT OF THE USE OF OR INABILITY TO USE THIS MANUAL OR PRODUCT, EVEN IF CASIO HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
- The contents of this manual are subject to change without notice.
- The actual appearance of the product may be different from that shown in the illustrations in this User's Guide.
- Company and product names used in this manual may be registered trademarks of others.

Contents

| | |
|--|--------------|
| General Guide | EN-2 |
| Timeout | EN-4 |
| Using the 10-key Pad (10) | EN-4 |
| Using the FUNCTION Button (12) | EN-4 |
| Getting Ready to Play | EN-7 |
| Preparing the Music Stand | EN-7 |
| Power Supply | EN-7 |
| Playing the Digital Keyboard | EN-8 |
| Turning on Power and Playing | EN-8 |
| Playing the Demo Songs | EN-8 |
| Using Headphones | EN-8 |
| Controlling the Keyboard Sounds | EN-9 |
| Select from a variety of musical instrument sounds | EN-9 |
| Playing in the Dance Music Mode | EN-10 |
| Dance Music Mode | EN-10 |
| Switch Keyboard Functions | EN-10 |
| Using the Dance Music Mode | EN-11 |
| Creating a Build Up | EN-11 |
| Dance Music Mode Settings | EN-12 |
| Playing Built-in Songs | EN-12 |
| Playing Back a Particular Song | EN-12 |
| Using Built-in Songs to Master Keyboard Play | EN-14 |
| Lesson Lite | EN-14 |
| Settings You Can Use During Lesson Lite | EN-14 |
| Using Auto Accompaniment | EN-15 |
| Playing the Rhythm Part only | EN-15 |
| Playing All Parts | EN-15 |
| Using Auto Accompaniment Effectively | EN-17 |
| Connecting External Devices | EN-17 |
| Connecting to Audio Equipment | EN-17 |
| Reference | EN-18 |
| Troubleshooting | EN-18 |
| Returning the Digital Keyboard to Its Factory Default Settings | EN-19 |
| Specifications | EN-20 |
| Operating Precautions | EN-21 |

| | |
|-----------------------|------------|
| Appendix | A-1 |
| Tone List | A-1 |
| Drum Assignment List | A-2 |
| Rhythm List | A-3 |
| Song List | A-4 |
| Dance Music Mode List | A-5 |
| Fingering Guide | A-6 |
| Chord Example List | A-7 |

Included Accessories

- Music Stand
- Leaflets
 - Safety Precautions
 - Other (Warranty, etc.)

Items included as accessories are subject to change without notice.

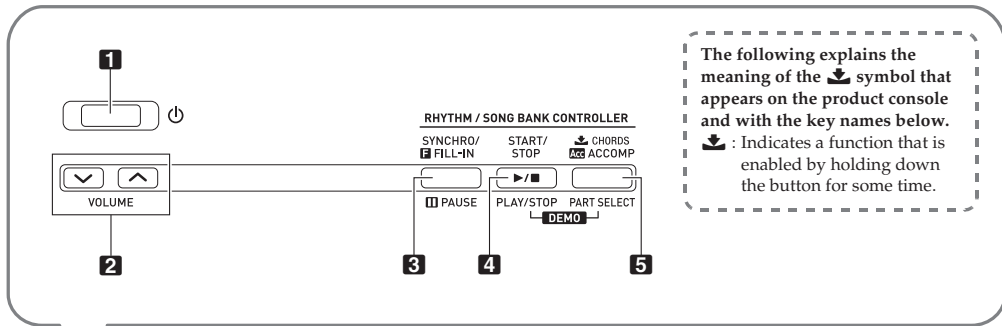
Separately Available Accessories

- You can get information about accessories that are separately for this product from the CASIO catalog available from your retailer, and from the CASIO website at the following URL.

<http://world.casio.com/>

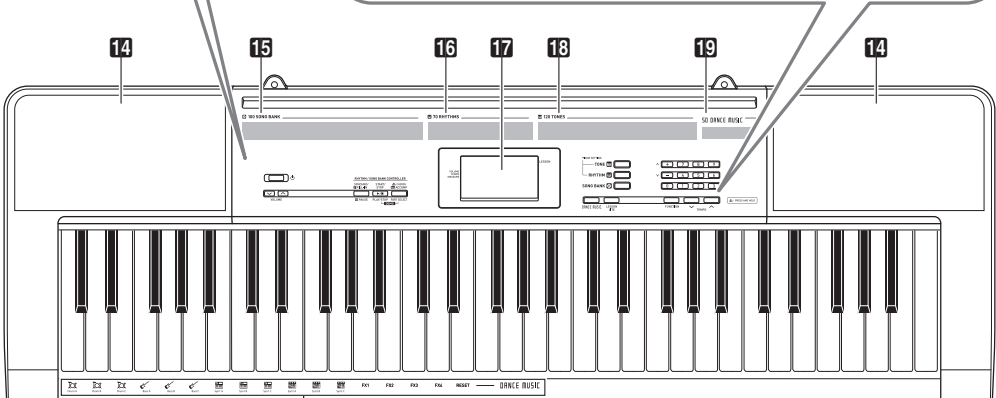
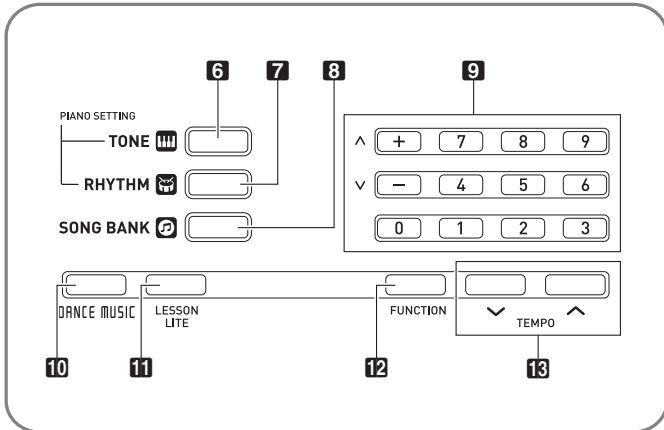
General Guide

• Illustrations in this User's Guide show the CTK-1500.



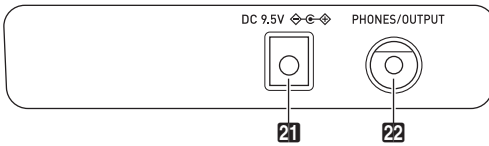
The following explains the meaning of the symbol that appears on the product console and with the key names below.

: Indicates a function that is enabled by holding down the button for some time.



- 1** ⏻ (Power) button EN-8
- 2** **VOLUME** button EN-8
- 3** **SYNCHRO/FILL-IN, ||PAUSE** button EN-12, 17
- 4** **START/STOP, PLAY/STOP** button EN-12, 13, 15
- 5** **↓ CHORDS, ACCOMP, PART SELECT** button EN-13, 15
- 6** **TONE** button EN-9, 13
- 7** **RHYTHM** button EN-15
- 8** **SONG BANK** button EN-12
- 9** Number buttons, [-]/[+] keys EN-8
- 10** **DANCE MUSIC** button EN-11
- 11** **LESSON LITE** button EN-14
- 12** **FUNCTION** button EN-4
- 13** **TEMPO** buttons EN-11, 13
- 14** Speakers
- 15** Song Bank list
- 16** Rhythm list
- 17** Display
- 18** Tone list
- 19** Dance Music Track list
- 20** Dance Music tone

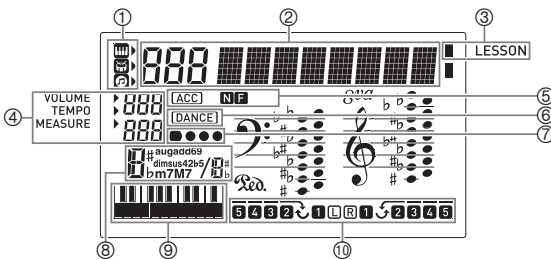
■ Back



21 DC 9.5V terminal EN-7

22 PHONES/OUTPUT jack EN-8, 17

■ Display



- ① Tone, rhythm, song bank indicators
 - ② Number, setting name/status display
 - ③ Indicators
 - ④ Volume, Tempo, measure
 - ⑤ N F (Auto Accompaniment Types) indicators*, Acc (Auto Accompaniment) indicator
 - ⑥ Dance Music Mode indicator
 - ⑦ Beat display
 - ⑧ Chord name
 - ⑨ Pattern phrase keyboard/chord keyboard
 - ⑩ Part, fingering display
- * N:Normal, F:Fill-in

Timeout

If you do not perform any operation for a while configuring settings, the display will return to the previous screen automatically.

Using the 10-key Pad (9)

Use the number buttons and the [-] and [+] keys to change displayed numbers and settings.

Number Buttons

Use the number buttons to enter numbers and values.

- Enter the same number of digits as the currently displayed value.

Example: To enter tone number 004, input 0 → 0 → 4.

NOTE

- Negative values cannot be input using the number buttons. Use [+] (increase) and [-] (decrease) instead.

[-] and [+] Keys

You can use the [+] (increase) and [-] (decrease) keys to change the displayed number or value.

- Holding down either key scrolls the displayed setting.
- Pressing both keys at the same time will revert to the initial default setting or the recommended setting.

Using the FUNCTION Button (f12)

Use this button to change the volume level and pitch, and to configure other settings.

- Press **f12 FUNCTION**.
- Next, press **f12 FUNCTION** the number of times required to select the setting you want to change. Each press of **f12 FUNCTION** cycles through the available parameters.

NOTE

- You can also scroll back through settings by holding down **f12 FUNCTION** and pressing **f18 TEMPO** ✓.

| f12 key presses | Parameter | Display | Description |
|------------------------|----------------------|----------|--|
| 1 | Transpose | Trans. | Changes (transposes) overall instrument tuning by semitone units. -12 to +12 (semitone units, one octave up/down) |
| 2 | Accompaniment Volume | AcompVol | Changes the Auto Accompaniment volume. |
| 3 | Song Volume | Song Vol | Changes the song playback volume. |
| 4 | Dance Music Volume | DM Vol. | Changes the dance music song playback volume. |

| f2 key presses | Parameter | Display | Description |
|-----------------------|---------------------------|----------|---|
| 5 | Dance Music Sync Type | DM Sync | Sets the timing of dance music syncing. 1: No misalignment of phrase playback between each part, regardless of pattern phrase switch timing. 2: Start pattern phrase playback to match timing of the pattern switching keyboard key. If there is misalignment with the playback timing of the pattern phrase between parts, alignment will be adjusted automatically measure-by-measure as playback proceeds. |
| 6 | Dance Music Tempo Setting | DM Tempo | Specifies whether or not the performance tempo changes to the value that is preset for each pattern. on: When the pattern is switched, the performance tempo changes to the tempo suggested for the selected pattern. Since the tempo changes, melody can be completely changed. off: Even if the pattern is switched, the performance tempo remains at its current setting, without changing. Tempo does not change suddenly, which enables natural pattern connection. |
| 7 | Dance Music Tone Setting | DM Tone | Specifies whether or not the keyboard tone changes to the tone that is preset for each pattern. on: When the pattern is switched, the tone changes to the tone suggested for the selected pattern. Select this setting when you want to change the performance tone whenever the pattern changes. off: Even if the pattern is switched, the tone remains at its current setting, without changing. Select this setting when you want the same tone to play even if the pattern changes. |
| 8 | Voice Fingering Guide | Speak | Enables or disables Voice Fingering Guide, which uses a voice to tell you which finger to use to play each note during Lesson Lite. on: Voice Fingering Guide enabled. off: Voice Fingering Guide disabled. |
| 9 | Note Guide | NoteGuid | Enables or disables Note Guide, which sounds each note you need to play during a Lesson Lite. on: Note Guide enabled. off: Note Guide disabled. |
| 10 | Performance Evaluation | Scoring | Enables or disables Performance Evaluation, which displays scores for your Lesson Lite results. on: Performance Evaluation enabled. off: Performance Evaluation disabled. |
| 11 | Tuning | Tune | Makes slight adjustments to the overall pitch. Use this feature to adjustment Digital Keyboard tuning to another musical instrument or to playback from a CD. This setting is the frequency of A4 (A above middle C). See the notes under "IMPORTANT!" below. 415.5 to 465.9 Hz (Initial Default: 440.0 Hz) |

| f2 key presses | Parameter | Display | Description |
|-----------------------|----------------|----------|--|
| 12 | LCD Contrast | Contrast | Adjusts display contrast. 1 to 12: A larger value makes the display contrast darker. |
| 13 | Auto Power Off | APO | Setting that controls whether or not the Digital Keyboard turns off automatically after a period of non-use. OFF: Auto Power off disabled. 30: The Digital Keyboard turns off automatically after 30 minutes of non-use. |

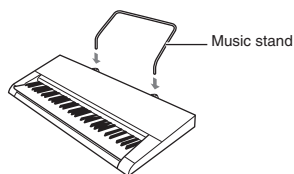
3. When the parameter you want is displayed, use **9** (10-key) to change its setting.

IMPORTANT!

- The tone and other parameters revert to their initial defaults whenever you turn on power. The main volume, and Tuning, LCD Contrast, and Auto Power Off settings are automatically saved and retained when power is turned off.
- You can use the [+] and [-] buttons to input a value to the right of a decimal point.
To specify 442.2 Hz, for example, first use the number buttons to input 4 → 4 → 2. Next, press the [+] button twice.

Getting Ready to Play

Preparing the Music Stand



Power Supply

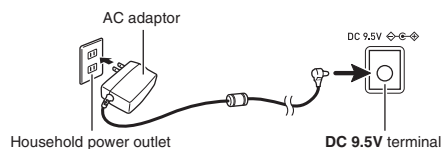
Either an AC adaptor or batteries can be used to power this Digital Keyboard. Normally, use of AC adaptor power is recommended.

- Depending on your geographical area, an AC adaptor may not be included. In this case, will need to purchase an AC adaptor from your retailer.

Using the AC Adaptor

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

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



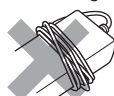
IMPORTANT!

- Be sure to turn off Digital Keyboard power before connecting or disconnecting the AC adaptor.
- 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.

No bending!



No winding!



- 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

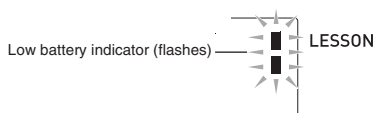
IMPORTANT!

- Be sure to turn off power before loading batteries.
- It is up to you to prepare six commercially available AA-size batteries. Do not use oxyride batteries or any other nickel based batteries.

1. Open the battery cover on the bottom of the Digital Keyboard.
2. Load six AA-size batteries into the battery compartment.
Make sure the positive ⊕ and negative ⊖ ends of the batteries are facing as shown in the illustration.
3. Insert the tabs of the battery cover into the holes on the side of the battery compartment, and close the cover.

Low Battery Indication

The indicator shown below starts to flash to let you know when battery power is low. Replace the batteries with new ones.




Playing the Digital Keyboard

Turning on Power and Playing

1. Press **1** (Power).

This turns on power.

- To turn off the Digital Keyboard, hold down the **1**  (Power) button until the Digital Keyboard's display goes blank.

2. Try playing something on the keyboard. You could use **2** **VOLUME** to adjust the volume setting.

- This causes the volume indicator, which shows the current volume level, to appear on the display.

IMPORTANT!

- Turning off power causes tone, rhythm, and other settings (except for main volume, the Tuning, LCD Contrast, and Auto Power Off settings) to return to their initial defaults.

Playing the Demo Songs

Following playback of the dance music demo (000), the built-in songs will playback sequentially from 001 to 100. You can switch to a different song while playback is in progress.

1. Press **4** **START/STOP, PLAY/STOP** and **5** **CHORDS, ACCOMP, PART SELECT** at the same time.

This will start playback of the demo songs. Demo playback continues until you stop it.

- Demo songs always start from song number 000 (dance music demo song).
- See page A-4 for a complete list of available songs.

2. To change to another song while demo playback is in progress, use **9** (10-key) [-] and [+] keys to enter the song number you want (page EN-4).

This will cause demo playback to jump to the song whose number you entered.

- You cannot use **9** (10-key) number buttons to select a song.

3. To stop demo playback, press **4** **START/STOP, PLAY/STOP**.

Demo playback continues until you stop it by pressing

- 4** **START/STOP, PLAY/STOP**.

Using Headphones

Using headphones cuts off output from the built-in speakers, which means you can practice playing even late at night without disturbing others.

- Be sure to turn down the volume level before connecting headphones.

NOTE

- Headphones do not come with the Digital Keyboard.
- Use commercially available headphones. See page EN-1 for information about options.

IMPORTANT!

- Do not listen to very high volume output over headphones for long period. Doing so creates the risk of hearing damage.
- If the plug of the headphones you are using does not match the **22** **PHONES/OUTPUT** jack, use the applicable commercially available adaptor plug.
- If you are using headphones that require an adaptor plug, make sure you do not leave the adaptor plugged in when removing the headphones.

Controlling the Keyboard Sounds

Select from a variety of musical instrument sounds

To select an instrument for playing

1. Press **6** TONE.
2. Use **9** (10-key) to select the tone number you want.
The corresponding tone number and tone name will appear on the screen.

NOTE

- For a list of tones, see the “Tone List” (page A-1).
- Selecting a drum set tone causes various percussion instruments to be assigned to keyboard keys.

3. Try playing something on the keyboard.
You can play the tone of a selected instrument.

Playing with a Piano Tone (Piano Setup)

Press **6** TONE and **7** RHYTHM at the same time.
This selects tone 001 GRAND PIANO, and changes other settings so they are appropriate for piano performance.

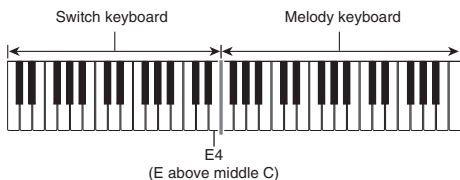
Playing in the Dance Music Mode

Dance Music Mode

In the Dance Music Mode, you can combine and play multiple type of pattern phrases, and apply effects to songs that are playing, in order to enjoy dance music.

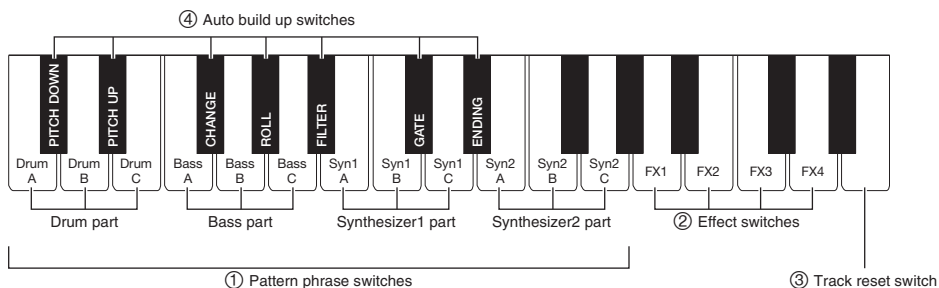
Pattern phrases of each part can be combined, making it possible to enjoy dance music like a DJ.

Entering the Dance Music Mode (page EN-11) changes the functions of the keyboard keys as shown below.



Switch Keyboard Functions

The keys of the left-half switch keyboard have the functions below.



① Pattern phrase switches

These keys switch the pattern phrase and turn pattern phrases on or off.

There are four parts: Drum, Bass, Synth 1 and Synth 2, three different pattern phrases can be assigned to each.

② Effect switches

While an Effect Switch key is depressed, the corresponding effect (described below) is applied to the entire song.

| Keyboard Key | Function | Effect, Description |
|--------------|-----------|--|
| FX1 | MOD LPF*1 | Cuts the high-range frequencies of the sound. |
| FX2 | MOD HPF*2 | Cuts the low-range frequencies of the sound. |
| FX3 | FLANGER | Applies an undulating surge effect to the sound. |
| FX4 | LO-FI | Reduces the resolution of the sound. |

*1 Modulation Low Pass Filter

*2 Modulation High Pass Filter

NOTE

- The display shows the applicable function name while an effect is being applied.
- An effect is applied as long as its keyboard key is depressed, and stops being applied when the key is released.
- The application manner of MOD LPF and MOD HPF changes with the tempo.
- Effects are applied to overall pattern play, and cannot be applied to individual parts.

③ Track reset switch

Pressing this key while playback is in progress returns playback to the beginning of the currently playing phrase.

④ Auto build up switches

These keyboard keys can be used to apply build up effects that are a characteristic of dance music. See “Creating a Build Up” (page EN-11).

Using the Dance Music Mode

1. Press **F10 DANCE MUSIC**.
2. Use the **F9** (10-key) [-] and [+] keys to select a pattern.

NOTE

- For a list of patterns, see the “Dance Music Mode List” (page A-5).
- Changing the pattern normally causes the tempo and tone to change to the settings configured for each pattern. If you do not want these settings to change, see “Dance Music Tempo Setting” (page EN-4) and “Dance Music Tone Setting” (page EN-4).

3. Press a **F1** Pattern phrase switch.

This starts pattern play.

Now you can press other part pattern phrase keys to increase the parts that are sounding, change to a different phrase, and configure other combinations.

4. Pressing a keyboard key that corresponds to a pattern phrase that is sounding stops the phrase.

- You can also start and stop pattern playback by pressing **F4 START/STOP** in step 3.

NOTE

- The on-screen pattern phrase keyboard keys shows the notes being played.
- Pressing a keyboard key to which an effect is assigned applies the effect.

Changing the Melody Keyboard Tone

After pressing **F6 TONE**, use the **F9** (10-key) [-] and [+] keys to select a tone for the right-half melody keyboard.

Hold down **F6 TONE** to select the tone recommended for the selected pattern.

NOTE

- Press **F10 DANCE MUSIC** to return to the pattern selection screen.

Changing the Tempo

Press **F13 TEMPO** **∨** to slow down tempo, or **∧** to speed it up. Holding down either button changes the setting at high speed.

- Pressing **∨** and **∧** at the same time will return the currently selected dance music song to its original default tempo.
- Pressing a **F13 TEMPO** button causes the tempo indicator to appear on the display, and the tempo value to start to flash. While the value is flashing, you can use the **F9** (10-key) buttons to change it.

Creating a Build Up

The build up functions can be used to create build ups while pattern play is in progress, to apply effects and build ups that are characteristic of dance music.

| Function Name | Description | Remarks |
|---------------|--|---------|
| PITCH | Each press of a keyboard key changes the overall pitch of the song. Pressing the PITCH DOWN key lowers the pitch in semitone units, while PITCH UP raises the pitch in semitone units. | *1 |
| CHANGE | Instantly changes the pattern phrase of the currently playing song. | *1 |
| ROLL | Cuts out part of a song, repeats it, and applies fine performance effects. | *2 |
| FILTER | Applies effects that make notes darker (by cutting high-range frequencies) or brighter (by cutting low-range frequencies). | *2 |
| GATE | Applies an effect that finely chops a song. | *2 |
| ENDING | Ends the currently playing song while applying various effects. | *2 |

*1 Depending on the part, some pattern phrases are not changed.

*2 How an effect is applied changes randomly with each keyboard key press. An effect is applied for a fixed amount of time during which the on-screen pattern phrase keyboard flashes.

NOTE

- The auto build up function is executed from the next note immediately after a keyboard key is pressed.
- Though effects and the build up function can be used at the same time, the effect currently being executed may stop.
- The display shows the applicable function name while build up functions are being used.

Dance Music Mode Settings

Dance Music Volume (DM Vol.) Setting

See “Using the **FUNCTION** Button (**F12**)” (page EN-4).

Dance Music Sync Type (DM Sync) Setting

See “Using the **FUNCTION** Button (**F12**)” (page EN-4).

Dance Music Tempo (DM Tempo) Setting

See “Using the **FUNCTION** Button (**F12**)” (page EN-4).

Dance Music Tone (DM Tone) Setting

See “Using the **FUNCTION** Button (**F12**)” (page EN-4).

Playing Built-in Songs

With this Digital Keyboard, built-in music data is referred to as “songs”. You can play back songs for your listening pleasure, or for play-along practice.

NOTE

- In addition to simple listening enjoyment, the built-in songs can be used with the lesson system (page EN-14) for practice.
- Though the Digital Keyboard does not support use of a sustain pedal, the sustain pedal symbol may appear in the on-screen musical notation of a song.

Playing Back a Particular Song

Use the procedure below to play back one of the built-in songs. You can play along on the keyboard with song playback.

Start/Stop

1. Press **8** **SONG BANK**.
2. Use **9** (10-key) to enter the number of the song you want.
 - See page A-4 for a complete list of available songs.
3. Press **4** **START/STOP**.
This starts playback of the song.
4. Press **4** **START/STOP** again to stop playback.

Pause

1. Press **3** **PAUSE**.
This pauses song playback.
2. Press **3** **PAUSE** again to resume playback from the point where you paused it.

Changing Playback Speed (Tempo)

1. Press **TEMPO**.

Use **∨** (slower) and **∧** (faster) to change the tempo setting. Holding down either button changes the setting at high speed.

- Pressing **∨** and **∧** at the same time will return the current song to its original default tempo.
- Pressing a **TEMPO** button causes the tempo indicator to appear on the display, and the tempo value to start to flash. While the value is flashing, you can use the **(10-key)** buttons to change it.
- Changing the song number will return the selected song to its original default tempo.

Adjusting the Song Volume

See “Using the **FUNCTION** Button (**12**)” (page EN-4).

Playing with the Same Tone as Song Playback

The same tone used by the song is assigned to the keyboard so you can play along with the song on the keyboard.

1. Hold down **TONE** until the name of the tone used by the selected song appears on the display.

- If your currently selected tone is the same as the song tone, the display contents will not change.

2. Play along with the song playback.

NOTE

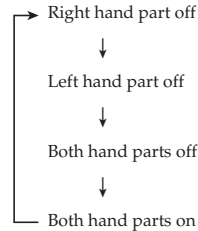
- If you select a song that uses different tones for left and right hand play, the right hand part tone is assigned to the keyboard.

Turning Off the Part of One Hand for Practice (Part Select)

You can turn off the right hand part or the left hand part of a song during playback and practice playing the along with the remaining part. Use this capability when you feel that a song is initially too difficult for you to play with both hands at the same time.

1. Press **PART SELECT** to select the part you want to turn off.

Each press of **PART SELECT** cycles through the settings shown below.



2. Press **START/STOP, PLAY/STOP**.

This starts playback in accordance with the setting you selected in step 1.

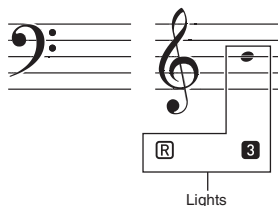
Using Built-in Songs to Master Keyboard Play

Lesson Lite

With this type of lesson, notes appear on the display screen. Play notes on the keyboard in accordance with the instructions provided by Voice Fingering Guide. Don't worry if you play the wrong note. Accompaniment play will wait until you play the correct note so there is no need to hurry.

1. Select the song you want to practice (page EN-12).
2. Press **[F1] LESSON LITE**.
3. Play notes on the keyboard in accordance with the instructions provided on the display and by Voice Fingering Guide.

With this type of lesson, notes appear on the display screen. Voice Fingering Guide uses a simulate voice to announce which finger you should use.



Accompaniment will wait for you to play the correct note.

- On-screen notation and sound will tell you which notes to play.
- Voice Fingering Guide will announce which finger you should use.

4. To stop the lesson, press **[F1] LESSON LITE** (or **[4] START/STOP, PLAY/STOP**).

- If you complete lesson play to the end, a score that rates your play will appear on the screen.

| | |
|--------|------------------------|
| Bravo! | You pass! |
| Again! | Go back and try again. |

Settings You Can Use During Lesson Lite

Turning Off Voice Fingering Guide (Speak)

See "Using the **FUNCTION** Button (**[F2]**)" (page EN-4).

Turning Off Note Guide (NoteGuid)

See "Using the **FUNCTION** Button (**[F2]**)" (page EN-4).

Turning Off Performance Evaluation (Scoring)

See "Using the **FUNCTION** Button (**[F2]**)" (page EN-4).

Using Auto Accompaniment

With Auto Accompaniment, simply select an accompaniment pattern. Each time you play a chord with your left hand the appropriate accompaniment will play automatically. It's like having a personal backup group along with you wherever you go.

NOTE

- Auto Accompaniments are made up of the following three parts.
 - (1) Rhythm
 - (2) Bass
 - (3) Harmony

You can have only the rhythm part play, or you can have all three parts play at the same time.

Playing the Rhythm Part only

The rhythm part is the foundation of each Auto Accompaniment. Your Digital Keyboard comes with a variety of built-in rhythms, including 8-beat and waltz. Use the following procedure to play the basic rhythm part.

Starting and Stopping the Rhythm Part only

1. Press **7** RHYTHM.
2. Use **9** (10-key) to select the rhythm number you want.
 - For information about rhythm types, see the "Rhythm List" (page A-3).
3. Press **4** START/STOP.
This starts the rhythm.
4. Play along with the rhythm.
5. To stop the rhythm, press **4** START/STOP again.

Changing the Tempo

You can use the tempo setting operation to change the tempo of pattern play. See "Changing Playback Speed (Tempo)" (page EN-13).

Playing All Parts

Auto Accompaniment with Chords

Playing a chord with your left hand automatically adds bass and harmony accompaniment parts to the currently selected rhythm. It is just like having your own personal backup group on call.

1. Start play of the Auto Accompaniment rhythm part.
2. Press **5** ACCOMP.
This enables chord input on the accompaniment keyboard.

Accompaniment keyboard



3. Use the accompaniment keyboard to play chords.
This will cause bass and harmony Auto Accompaniment parts to be added to the rhythm part.
4. Play other chords with left hand as you play the melody with your right hand.
5. Pressing **5** ACCOMP again returns to rhythm only accompaniment.

Selecting a Chord Input Mode

You can select from among the following five chord input modes.

- FINGERED 1
- FINGERED 2
- FINGERED 3
- CASIO CHORD
- FULL RANGE CHORD

1. Hold down **[5]** **[↓]** **CHORDS** until the chord input mode selection screen appears on the display.

2. Use the **[9]** (10-key) **[-]** and **[+]** keys to select the chord input mode you want.

■ FINGERED 1, 2, and 3

With these three input modes, you play chords on the accompaniment keyboard using their normal chord fingerings. Some chord forms are abbreviated, and can be fingered with one or two keys.

See page A-6 for information about chords that are supported and how they are fingered on the keyboard.

● FINGERED 1

Play the component notes of the chord on the keyboard.

● FINGERED 2

Unlike FINGERED 1, 6th input is not possible.

● FINGERED 3

Unlike FINGERED 1, allows input of fraction chords with the lowest keyboard note as the bass note.

■ CASIO CHORD

With CASIO CHORD, you can use simplified fingerings to play the four types of chords described below.

Chord Type

Major Chords

Pressing a single accompaniment area key in the CASIO CHORD mode will play the major chord whose name is marked above the key. All of the accompaniment area keys that are marked with the same chord name play exactly the same chord.

Example: C (C Major)



Minor Chords

To play a minor chord, press the accompaniment area key that corresponds to the major chord, while also pressing one other accompaniment area key to the right.

Example: Cm (C Minor)



Seventh Chords

To play a seventh chord, press the accompaniment area key that corresponds to the major chord, while also pressing two other accompaniment area keys to the right.

Example: C7 (C Seventh)



Minor Seventh Chords

To play a minor seventh chord, press the accompaniment area key that corresponds to the major chord, while also pressing three other accompaniment area keys to the right.

Example: Cm7 (C Minor Seventh)



NOTE

- When playing a minor, seventh, or minor seventh chord, it makes no difference whether the additional keys you press are black or white.

■ FULL RANGE CHORD

With this mode, you can use the full range of the keyboard to play chords and the melody.

See page A-6 for information about chords that are supported.

Using Auto Accompaniment Effectively

Varying Play during a Performance

You can insert Auto Accompaniment fill-ins (variations) to make your performances more interesting and lively.

1. While playing with Auto Accompaniment, press the **3 SYNCHRO/FILL-IN** button.
This will play a one-measure fill in and then return to normal Auto Accompaniment.

Starting Play with Synchro Start

With Synchro Start, you can have Auto Accompaniment start when you play something on the keyboard.

1. While Auto Accompaniment play is stopped, press the **3 SYNCHRO/FILL-IN** button.
2. Play a chord on the keyboard.
This starts Auto Accompaniment play.

Changing Auto Accompaniment Volume

See “Using the **FUNCTION** Button (**12**)” (page EN-4).

Connecting External Devices

Connecting to Audio Equipment

You can connect the Digital Keyboard to a commercially available stereo system or amplifier, or to a recording device.

Outputting Digital Keyboard Notes to Audio Equipment

Connect a commercially available connection cord to the **22 PHONES/OUTPUT** jack.

- The connecting cord should have a stereo standard plug on one end and a plug that matches the configuration of the input jack of the external device on the other end.

IMPORTANT!

- Turn off the external device when making connections. After connecting, turn down the Digital Keyboard and external device volume levels whenever turning power on or off.
- After connecting, turn on the Digital Keyboard and then the external device.
- If Digital Keyboard notes sound distorted when they are sounded from external audio equipment, lower the Digital Keyboard's volume setting.


Troubleshooting

| Symptom | Action |
|---|---|
| Included Accessories | |
| I can't find something that should be here. | Carefully check inside all of the packing materials. |
| Power Requirements | |
| Power will not turned on. | <ul style="list-style-type: none"> • Check the AC adaptor or make sure that the batteries are facing correctly (page EN-7). • Replace the batteries with new ones or switch over to AC adaptor power (page EN-7). |
| The Digital Keyboard outputs a loud sound and then suddenly powers down. | Replace the batteries with new ones or switch over to AC adaptor power (page EN-7). |
| The Digital Keyboard suddenly powers down after 30 minutes. | This happens when Auto Power Off (page EN-4) is triggered. |
| Display | |
| The display keeps going out or are flashing. | Replace the batteries with new ones or switch over to AC adaptor power (page EN-7). |
| On-screen keyboard keys or notes remain on the display. | A Lesson Lite is in progress and the Digital Keyboard is waiting for you to play the next note in the song. To stop this from happening, cancel the lesson (page EN-14). |
| Screen contents are visible only from straight ahead. | This is dues to production limitations. It does not indicate malfunction. |
| Sound | |
| Nothing happens when I press any keyboard key. | <ul style="list-style-type: none"> • Adjust the main volume setting (page EN-8). • Check if something is plugged into the PHONES/OUTPUT jack (🔊) on the back of the Digital Keyboard. • Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). |
| Nothing happens or notes do not play normally when I play notes on the left side of the keyboard. | Press 5 ACCOMP to disable chord input in the accompaniment keyboard area (page EN-15). |
| Nothing happens when I start an Auto Accompaniment. | <ul style="list-style-type: none"> • With rhythms 69 and 70, nothing will sound if you do not play a chord on the keyboard. Try playing a chord (page EN-16). • Check and adjust the accompaniment volume setting (page EN-17). • Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). |
| Nothing happens when I start playback of a built-in song. | <ul style="list-style-type: none"> • It takes a little time after you press the button until the song starts to play. Wait for a moment for the song to start. • Check and adjust the song volume (page EN-13). • Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). |
| Notes keep sounding, without stopping. | <ul style="list-style-type: none"> • Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). • Replace the batteries with new ones or switch over to AC adaptor power (page EN-7). |
| Some notes are cut off while they are playing. | Notes are cut off whenever the number of notes being sounded exceeds the maximum polyphony value of 32 (16 for some tones). This does not indicate malfunction. |
| The volume or tone setting I made has changed. | <ul style="list-style-type: none"> • Adjust the main volume setting (page EN-8). • Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). • Replace the batteries with new ones or switch over to AC adaptor power (page EN-7). |

| Symptom | Action |
|---|---|
| In certain keyboard ranges, the volume and tone quality sound are slightly different from those in other keyboard ranges. | This is due to system limitations. It does not indicate malfunction. |
| With some tones, octaves do not change at the far ends of the keyboard. | This is due to system limitations. It does not indicate malfunction. |
| The pitch of the notes does not match other accompanying instruments or sounds strange when played long with other instruments. | <ul style="list-style-type: none"> • Check and adjust the transpose (page EN-4) and tuning settings (page EN-4). • Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). |
| The reverb of notes seems to change suddenly. | Turn power off and then back on to initialize all Digital Keyboard settings (page EN-8). |

Returning the Digital Keyboard to Its Factory Default Settings

Perform the following procedure when you want to return the Digital Keyboard's stored data and settings to their initial factory defaults.

1. Turn off the Digital Keyboard.
2. While holding down **8 SONG BANK** and the [0] 10-key (**9**) key at the same time, press **1**  (Power).
 - You will be able to use the Digital Keyboard in a short while after its system is initialized.

Specifications

| | |
|-------------------------------------|---|
| Model | CTK-1500/CTK-1550 |
| Keyboard | 61 keys |
| Maximum Polyphony | 32 notes |
| Tones | |
| Preset Tones | 120 |
| Effects | Dance Music effects |
| Song Bank | |
| Preset Songs | 100 |
| Lesson Lite | |
| Lesson Parts | Left hand, right hand, both hands |
| Other | Voice Fingering Guide, Note Guide, Performance Evaluation |
| Auto Accompaniment | |
| Preset Rhythms | 70 types |
| Dance Music Mode | |
| Preset Patterns | 50 types |
| Demo Function | Looped play of the dance music demo (1 song) and built-in Song Bank (100 songs) |
| Other Functions | |
| Transpose | ±1 octave (-12 to 0 to +12 semitones) |
| Tuning | A4 = 415.5 to 465.9Hz (Initial Default: 440.0Hz) |
| Musical Information System | Tone, Auto Accompaniment, Song Bank numbers and names; staff notation; fingering guide; tempo; measure number, beat; chord name, etc. |
| Jacks | |
| PHONES/OUTPUT jack | Stereo standard jack × 1 Output impedance: 140 Ω; Output voltage: 4.5 V (RMS) MAX |
| AC adaptor terminal | 9.5 V DC |
| Power Requirements | 2-Way Power |
| Batteries | Six AA-size manganese batteries or AA-size alkaline batteries |
| Battery Life | Approximately 12 hours (on alkaline batteries) |
| AC Adaptor | AD-E95100L |
| Auto Power Off | Approximately 30 minutes after last operation; Can be disabled. |
| Speakers | 10cm × 2 (Output: 2.0W+2.0W) |
| Power Consumption | 9.5V --- 5.5W |
| Dimensions | 94.6 (W) × 30.7 (D) × 9.2 (H) cm (37 1/4 × 12 1/8 × 3 5/8 inch) |
| Weight (Excluding batteries) | Approximately 3.3 kg (7.3 lbs) |

- Design and specifications are subject to change without notice.

Operating Precautions

Be sure to read and observe the following operating precautions.

■ Location

Avoid the following locations for this product.

- Areas exposed to direct sunlight and high humidity
- Areas subjected to temperature extremes
- Near a radio, TV, video deck, or tuner

The above devices will not cause malfunction of the product, but interference from the product can cause audio or video interference of a nearby device.

■ User Maintenance

- Never use benzine, alcohol, thinner, or other chemical agents to clean the product.
- To clean the product or its keyboard, wipe with a soft cloth moistened in a weak solution of water and a mild neutral detergent. Wring all excess moisture from the cloth before wiping.

■ Included and Optional Accessories

Use only accessories that are specified for use with this product. Use of unauthorized accessories creates the risk of fire, electric shock, and personal injury.

■ 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. Other steps you can take when playing late at night are closing the window and using headphones.

Appendix/Apéndice

Tone List/Lista de tonos

| No./N° | Tone Name/ Nombre del tono |
|------------------------|-------------------------------|
| PIANO/E.PIANO | |
| 001 | GRAND PIANO |
| 002 | BRIGHT PIANO |
| 003 | HONKY-TONK |
| 004 | ELEC.GRAND PIANO |
| 005 | ELEC.PIANO 1 |
| 006 | ELEC.PIANO 2 |
| 007 | 60'S E.PIANO |
| 008 | CHORUS E.PIANO |
| 009 | HARPSICHORD |
| 010 | CLAVI |
| CHROMATIC PERC. | |
| 011 | CELESTA |
| 012 | GLOCKENSPIEL |
| 013 | MUSIC BOX |
| 014 | VIBRAPHONE |
| 015 | MARIMBA |
| 016 | TUBULAR BELL |
| ORGAN | |
| 017 | DRAWBAR ORGAN |
| 018 | PERC.ORGAN |
| 019 | ROCK ORGAN |
| 020 | PIPE ORGAN |
| 021 | REED ORGAN |
| 022 | ACCORDION |
| 023 | HARMONICA |
| 024 | BANDONEON |
| GUITAR | |
| 025 | NYLON STR.GUITAR |
| 026 | STEEL STR.GUITAR |
| 027 | JAZZ GUITAR |
| 028 | CLEAN GUITAR |
| 029 | MUTE GUITAR |
| 030 | DISTORTION GUITAR |
| BASS | |
| 031 | ACOUSTIC BASS |
| 032 | FINGERED BASS |
| 033 | PICKED BASS |
| 034 | FRETLESS BASS |
| 035 | SAW SYNTH-BASS |
| 036 | SQUARE SYNTH-BASS |
| STR/ORCHESTRA | |
| 037 | VIOLIN |
| 038 | VIOLA |
| 039 | CELLO |
| 040 | CONTRABASS |
| 041 | PIZZICATO STRINGS |
| 042 | HARP |
| 043 | TIMPANI |
| ENSEMBLE | |
| 044 | STRINGS |
| 045 | SLOW STRINGS |
| 046 | SYNTH-STRINGS |
| 047 | CHOIR AAHS |
| 048 | SYNTH-VOICE |
| 049 | ORCHESTRA HIT |
| BRASS | |
| 050 | TRUMPET |
| 051 | TROMBONE |
| 052 | TUBA |
| 053 | FRENCH HORN |
| 054 | BRASS |
| 055 | SYNTH-BRASS |
| REED | |
| 056 | SOPRANO SAX |
| 057 | ALTO SAX |
| 058 | TENOR SAX |
| 059 | BARITONE SAX |
| 060 | OBOE |
| 061 | CLARINET |

| No./N° | Tone Name/ Nombre del tono |
|-------------------|-------------------------------|
| PIPE | |
| 062 | PICCOLO |
| 063 | FLUTE |
| 064 | RECORDER |
| 065 | BOTTLE BLOW |
| 066 | WHISTLE |
| 067 | OCARINA |
| SYNTH-LEAD | |
| 068 | SQUARE LEAD |
| 069 | SAW LEAD |
| 070 | VOICE LEAD |
| 071 | FIFTH LEAD |
| 072 | BASS+LEAD |
| 073 | DANCE SQUARE LEAD |
| 074 | DANCE SYNC SQUARE LEAD |
| 075 | DANCE SAW LEAD |
| 076 | DANCE SYNC SAW LEAD |
| 077 | DANCE SAW BASS |
| SYNTH-PAD | |
| 078 | FANTASY |
| 079 | WARM PAD |
| 080 | POLYSYNTH |
| 081 | SPACE CHOIR |
| 082 | METAL PAD |
| 083 | HALO PAD |
| 084 | RAIN DROP |
| 085 | SOUND TRACK |
| 086 | CRYSTAL |
| 087 | ATMOSPHERE |
| 088 | BRIGHTNESS |
| 089 | SF |
| 090 | DANCE SAW PAD |
| 091 | DANCE SQUARE PAD |
| INDIAN | |
| 092 | SITAR 1 |
| 093 | SITAR 2 |
| 094 | TANPURA 1 |
| 095 | TANPURA 2 |
| 096 | HARMONIUM 1 |
| 097 | HARMONIUM 2 |
| 098 | SHANAI 1 |
| 099 | SHANAI 2 |
| 100 | SANTUR 1 |
| 101 | SANTUR 2 |
| 102 | TABLA |
| ETHNIC | |
| 103 | BANJO |
| 104 | SHAMISEN |
| 105 | KOTO |
| 106 | BAGPIPE |
| 107 | FIDDLE |
| VARIOUS | |
| 108 | TINKLE BELL |
| 109 | STEEL DRUMS |
| 110 | SYNTH-DRUM |
| 111 | STRINGS PIANO |
| 112 | BASS/PIANO |
| 113 | SYNTH-VOICE & E.PIANO |
| 114 | STEEL GUITAR PAD |
| 115 | SE 1 |
| 116 | SE 2 |
| DRUM SET | |
| 117 | STANDARD SET |
| 118 | DANCE SET |
| 119 | BRUSH SET |
| 120 | INDIAN SET |

Drum Assignment List/Lista de asignación de batería

| Key/ Clave | Note No./ Nº de nota | DRUMS SET NAME | | | |
|---------------|-------------------------|----------------|-----------|-----------|------------|
| | | STANDARD SET | DANCE SET | BRUSH SET | INDIAN SET |
| C-1 | 0 | | | | |
| D-1 | 1 | | | | |
| E-1 | 2 | | | | |
| F-1 | 3 | | | | |
| G-1 | 4 | | | | |
| A-1 | 5 | | | | |
| B-1 | 6 | | | | |
| C0 | 7 | | | | |
| D0 | 8 | | | | |
| E0 | 9 | | | | |
| F0 | 10 | | | | |
| G0 | 11 | | | | |
| A0 | 12 | | | | |
| B0 | 13 | | | | |
| C1 | 14 | | | | |
| D1 | 15 | | | | |
| E1 | 16 | | | | |
| F1 | 17 | | | | |
| G1 | 18 | | | | |
| A1 | 19 | | | | |
| B1 | 20 | | | | |
| C2 | 21 | | | | |
| D2 | 22 | | | | |
| E2 | 23 | | | | |
| F2 | 24 | | | | |
| G2 | 25 | | | | |
| A2 | 26 | | | | |
| B2 | 27 | | | | |
| C3 | 28 | | | | |
| D3 | 29 | | | | |
| E3 | 30 | | | | |
| F3 | 31 | | | | |
| G3 | 32 | | | | |
| A3 | 33 | | | | |
| B3 | 34 | | | | |
| C4 | 35 | | | | |
| D4 | 36 | | | | |
| E4 | 37 | | | | |
| F4 | 38 | | | | |
| G4 | 39 | | | | |
| A4 | 40 | | | | |
| B4 | 41 | | | | |
| C5 | 42 | | | | |
| D5 | 43 | | | | |
| E5 | 44 | | | | |
| F5 | 45 | | | | |
| G5 | 46 | | | | |
| A5 | 47 | | | | |
| B5 | 48 | | | | |
| C6 | 49 | | | | |
| D6 | 50 | | | | |
| E6 | 51 | | | | |
| F6 | 52 | | | | |
| G6 | 53 | | | | |
| A6 | 54 | | | | |
| B6 | 55 | | | | |
| C7 | 56 | | | | |
| D7 | 57 | | | | |
| E7 | 58 | | | | |
| F7 | 59 | | | | |
| G7 | 60 | | | | |
| A7 | 61 | | | | |
| B7 | 62 | | | | |
| C8 | 63 | | | | |
| D8 | 64 | | | | |
| E8 | 65 | | | | |
| F8 | 66 | | | | |
| G8 | 67 | | | | |
| A8 | 68 | | | | |
| B8 | 69 | | | | |
| C9 | 70 | | | | |
| D9 | 71 | | | | |
| E9 | 72 | | | | |
| F9 | 73 | | | | |
| G9 | 74 | | | | |
| A9 | 75 | | | | |
| B9 | 76 | | | | |
| C10 | 77 | | | | |
| D10 | 78 | | | | |
| E10 | 79 | | | | |
| F10 | 80 | | | | |
| G10 | 81 | | | | |
| A10 | 82 | | | | |
| B10 | 83 | | | | |
| C11 | 84 | | | | |
| D11 | 85 | | | | |
| E11 | 86 | | | | |
| F11 | 87 | | | | |
| G11 | 88 | | | | |
| A11 | 89 | | | | |
| B11 | 90 | | | | |
| C12 | 91 | | | | |
| D12 | 92 | | | | |
| E12 | 93 | | | | |
| F12 | 94 | | | | |
| G12 | 95 | | | | |
| A12 | 96 | | | | |
| B12 | 97 | | | | |
| C13 | 98 | | | | |
| D13 | 99 | | | | |
| E13 | 100 | | | | |
| F13 | 101 | | | | |
| G13 | 102 | | | | |
| A13 | 103 | | | | |
| B13 | 104 | | | | |
| C14 | 105 | | | | |
| D14 | 106 | | | | |
| E14 | 107 | | | | |
| F14 | 108 | | | | |
| G14 | 109 | | | | |
| A14 | 110 | | | | |
| B14 | 111 | | | | |
| C15 | 112 | | | | |
| D15 | 113 | | | | |
| E15 | 114 | | | | |
| F15 | 115 | | | | |
| G15 | 116 | | | | |
| A15 | 117 | | | | |
| B15 | 118 | | | | |
| C16 | 119 | | | | |
| D16 | 120 | | | | |
| E16 | 121 | | | | |
| F16 | 122 | | | | |
| G16 | 123 | | | | |
| A16 | 124 | | | | |
| B16 | 125 | | | | |
| C17 | 126 | | | | |
| D17 | 127 | | | | |

- “←” indicates a key is assigned the same tones as it is for STANDARD SET.
- “←” indica una clave asignada a los mismos tonos que para STANDARD SET.

Rhythm List/Lista de ritmos

| No./N° | Rhythm name/ Nombre del ritmo |
|-----------------|----------------------------------|
| 8 BEAT | |
| 01 | STRAIGHT 8 BEAT |
| 02 | 8 BEAT |
| 16 BEAT | |
| 03 | 16 BEAT |
| 04 | 16 BEAT SHUFFLE 1 |
| 05 | 16 BEAT SHUFFLE 2 |
| BALLAD | |
| 06 | MODERN BALLAD |
| 07 | 16 BEAT BALLAD |
| 08 | POP BALLAD |
| 09 | 6/8 BALLAD |
| DANCE | |
| 10 | EDM 1 |
| 11 | EDM 2 |
| 12 | DISCO POP |
| 13 | MODERN R&B |
| POPS | |
| 14 | POP |
| 15 | POP ROCK |
| 16 | 60's SOUL |
| ROCK | |
| 17 | STRAIGHT ROCK |
| 18 | SHUFFLE ROCK |
| 19 | LATIN ROCK |
| 20 | SLOW ROCK |
| 21 | ROCK WALTZ |
| JAZZ | |
| 22 | BIG BAND |
| 23 | SLOW SWING |
| 24 | JAZZ WALTZ |
| 25 | FOX TROT |
| EUROPEAN | |
| 26 | POLKA |
| 27 | WALTZ 1 |
| 28 | SLOW WALTZ |
| 29 | VIENNESE WALTZ |
| 30 | FRENCH WALTZ |
| 31 | TANGO |
| 32 | MARCH 1 |
| 33 | MARCH 2 |
| LATIN | |
| 34 | BOSSA NOVA |
| 35 | SAMBA |
| 36 | MAMBO |
| 37 | SALSA |
| 38 | REGGAE |
| 39 | POP REGGAE |
| 40 | SKA |
| INDIAN | |
| 41 | BHANGRA |
| 42 | DADRA |
| 43 | GARBA |
| 44 | KEHARWA |
| 45 | TEEN TAAL |
| 46 | DANDIYA |
| 47 | BHAJAN |
| 48 | INDIAN POP 1 |
| 49 | INDIAN POP 2 |
| 50 | QAWWALI |

| No./N° | Rhythm name/ Nombre del ritmo |
|---------------------------------|----------------------------------|
| 51 | KERALA |
| 52 | RAJASTHANI |
| WORLD | |
| AMERICAN | |
| 53 | COUNTRY BALLAD |
| 54 | BLUEGRASS |
| 55 | DIXIE |
| 56 | TEX-MEX |
| 57 | FAST GOSPEL |
| 58 | HAWAIIAN |
| SPANISH/EASTERN EUROPEAN | |
| 59 | RUSSIAN CHANSON |
| ARABIC/ORIENTAL | |
| 60 | ADANI |
| CHINESE | |
| 61 | JIANGNAN |
| 62 | DONGBEIYANGGE |
| 63 | JINGJU |
| 64 | HUANGMEIXI |
| 65 | MIAOZU |
| 66 | XINJIANG |
| VARIOUS | |
| 67 | CHRISTMAS WALTZ |
| 68 | STR QUARTET |
| PIANO RHYTHMS | |
| 69 | ARPEGGIO |
| 70 | WALTZ 2 |

Song List/Lista de canciones

| No./ Nº | Title/Título |
|-----------------------|--|
| WORLD | |
| 001 | TWINKLE TWINKLE LITTLE STAR |
| 002 | LIGHTLY ROW |
| 003 | LONG LONG AGO |
| 004 | ON TOP OF OLD SMOKEY |
| 005 | SAKURA SAKURA |
| 006 | WHEN THE SAINTS GO MARCHING IN |
| 007 | AMAZING GRACE |
| 008 | AULD LANG SYNE |
| 009 | COME BIRDS |
| 010 | DID YOU EVER SEE A LASSIE? |
| 011 | MICHAEL ROW THE BOAT ASHORE |
| 012 | DANNY BOY |
| 013 | MY BONNIE |
| 014 | HOME SWEET HOME |
| 015 | AURA LEE |
| 016 | HOME ON THE RANGE |
| 017 | ALOHA OE |
| 018 | SANTA LUCIA |
| 019 | FURUSATO |
| 020 | GREENSLEEVES |
| 021 | JOSHUA FOUGHT THE BATTLE OF JERICHO |
| 022 | THE MUFFIN MAN |
| 023 | LONDON BRIDGE |
| 024 | UNDER THE SPREADING CHESTNUT TREE |
| 025 | SIPPIN' CIDER THROUGH A STRAW |
| 026 | GRANDFATHER'S CLOCK |
| 027 | ANNIE LAURIE |
| 028 | BEAUTIFUL DREAMER |
| 029 | IF YOU'RE HAPPY AND YOU KNOW IT, CLAP YOUR HANDS |
| 030 | MY DARLING CLEMENTINE |
| 031 | LITTLE BROWN JUG |
| 032 | HOUSE OF THE RISING SUN |
| 033 | SHE WORE A YELLOW RIBBON |
| 034 | YANKEE DOODLE |
| 035 | MY OLD KENTUCKY HOME |
| 036 | SZLA DZIEWECZKA |
| 037 | TROIKA |
| 038 | WALTZING MATILDA |
| 039 | ON THE BRIDGE OF AVIGNON |
| 040 | I'VE BEEN WORKING ON THE RAILROAD |
| 041 | OHI SUSANNA |
| 042 | CAMPTOWN RACES |
| 043 | JEANNIE WITH THE LIGHT BROWN HAIR |
| 044 | TURKEY IN THE STRAW |
| 045 | JAMAICA FAREWELL |
| EVENT | |
| 046 | SILENT NIGHT |
| 047 | WE WISH YOU A MERRY CHRISTMAS |
| 048 | JINGLE BELLS |
| 049 | JOY TO THE WORLD |
| 050 | O CHRISTMAS TREE |
| PIANO/CLASSICS | |
| 051 | MARY HAD A LITTLE LAMB |
| 052 | LE CYGNE FROM "LE CARNAVAL DES ANIMAUX" |
| 053 | JE TE VEUX |
| 054 | SONATA op.13 "PATHÉTIQUE" 2nd Mov. |
| 055 | HEIDENRÖSLEIN |
| 056 | AIR FROM "SUITE no.3" |
| 057 | SPRING FROM "THE FOUR SEASONS" |
| 058 | HABANERA FROM "CARMEN" |
| 059 | BRINDISI FROM "LA TRAVIATA" |
| 060 | HUNGARIAN DANCES no.5 |

| No./ Nº | Title/Título |
|------------|--|
| 061 | MINUET IN G MAJOR |
| 062 | MUSETTE IN D MAJOR |
| 063 | GAVOTTE (GOSSEC) |
| 064 | ARABESQUE (BURGMULLER) |
| 065 | CHOPSTICKS |
| 066 | DECK THE HALL |
| 067 | ODE TO JOY |
| 068 | AVE MARIA (GOUNOD) |
| 069 | SONATINA op.36 no.1 1st Mov. |
| 070 | PRELUDE op.28 no.7 (CHOPIN) |
| 071 | RÉVERIE |
| 072 | GYMNOPÉDIES no.1 |
| 073 | GOING HOME FROM "FROM THE NEW WORLD" |
| 074 | FUR ELISE |
| 075 | TURKISH MARCH (MOZART) |
| 076 | SONATA op.27 no.2 "MOONLIGHT" 1st Mov. |
| 077 | ETUDE op.10 no.3 "CHANSON DE L'ADIEU" |
| 078 | THE ENTERTAINER |
| 079 | WEDDING MARCH FROM "MIDSUMMER NIGHT'S DREAM" |
| 080 | AMERICAN PATROL |
| 081 | FRÖHLICHER LANDMANN |
| 082 | LA CHEVALERESQUE |
| 083 | SONATA K.545 1st Mov. |
| 084 | LA PRIÈRE D'UNE VIERGE |
| 085 | VALSE op.64 no.1 "PETIT CHIEN" |
| 086 | LIEBESTRÄUME no.3 |
| 087 | JESUS BLEIBET MEINE FREUDE |
| 088 | CANON (PACHELBEL) |
| 089 | SERENADE FROM "EINE KLEINE NACHTMUSIK" |
| 090 | MARCH FROM "THE NUTCRACKER" |
| 091 | CHANSON DU TOREADOR FROM "CARMEN" |
| 092 | LARGO (HÄNDEL) |
| 093 | INNOCENCE |
| 094 | PROMENADE FROM "TABLEAUX D'UNE EXPOSITION" |
| 095 | INVENTIONEN no.1 |
| 096 | PRÆLUDIUM no.1 (J.S.BACH) |
| 097 | DOLLY'S DREAMING AND AWAKENING |
| 098 | LA FILLE AUX CHEVEUX DE LIN |
| 099 | TRÄUMEREI |
| 100 | NOCTURNE op.9 no.2 (CHOPIN) |

Dance Music Mode List/ Lista de modos de música de danza

| No./Nº | Title/Título |
|----------------|-------------------|
| EDM | |
| 01 | ELECTRO DANCE 1 |
| 02 | ELECTRO DANCE 2 |
| 03 | ELECTRO DANCE 3 |
| 04 | BIG BEAT TECHNO 1 |
| 05 | BIG BEAT TECHNO 2 |
| 06 | SPEED SHUFFLE 1 |
| 07 | SPEED SHUFFLE 2 |
| 08 | POP TRANCE 1 |
| 09 | POP TRANCE 2 |
| 10 | SLOW SOUL 1 |
| 11 | DIGITAL SHUFFLE 1 |
| 12 | DIGITAL SHUFFLE 2 |
| 13 | POWER POP 1 |
| 14 | POWER POP 2 |
| 15 | POWER POP 3 |
| 16 | NEO TRANCE 1 |
| 17 | NEO TRANCE 2 |
| 18 | HARD SHUFFLE 1 |
| 19 | HARD SHUFFLE 2 |
| 20 | ELECTRO BOUNCE 1 |
| 21 | ELECTRO BOUNCE 2 |
| 22 | POWER ELECTRO 1 |
| 23 | POWER ELECTRO 2 |
| 24 | ACID DANCE |
| 25 | POWER DANCE 1 |
| 26 | POWER DANCE 2 |
| 27 | FUTURE DANCE |
| 28 | DANCE RAGGA |
| 29 | ACID ELECTRO 1 |
| 30 | ACID ELECTRO 2 |
| 31 | HARD ELECTRO |
| 32 | ACID TECHNO 1 |
| 33 | ACID TECHNO 2 |
| 34 | FANTASTIC DANCE |
| 35 | FUTURE POP |
| HOUSE | |
| 36 | ELECTRIC POP |
| 37 | DIGITAL SHUFFLE 3 |
| 38 | POP DANCE 1 |
| 39 | POP DANCE 2 |
| 40 | FUTURE HOUSE 1 |
| 41 | FUTURE HOUSE 2 |
| 42 | SPEED HOUSE 1 |
| 43 | SPEED HOUSE 2 |
| 44 | URBAN DANCE 1 |
| 45 | URBAN DANCE 2 |
| HIP-HOP | |
| 46 | DEEP SOUL 1 |
| 47 | DEEP SOUL 2 |
| 48 | SLOW SOUL 2 |
| 49 | ELECTRO BOUNCE 3 |
| 50 | ELECTRO RAGGA |

Fingering Guide/ Guía de digitación

Fingered 1, Fingered 2 Chords/ Acordes Fingered 1, Fingered 2

| | |
|----------------------------|--|
| C | |
| Cm | |
| Cdim | |
| Caug *3 | |
| Csus4 *3 | |
| Csus2 *3 | |
| C7 | |
| Cm7 *3 | |
| CM7 | |
| Cm7^{b5} *3 | |
| C7^{b5} *3 | |
| C7sus4 | |
| Cadd9 | |
| Cmadd9 | |
| CmM7 | |
| Cdim7 *3 | |
| C69 *3 | |
| C6 *1 *3 | |
| Cm6 *2 *3 | |

- *1 With Fingered 2, interpreted as Am7.
- *2 With Fingered 2, interpreted as Am7^{b5}.
- *3 Inverted form not supported in some cases.

- *1 Con Fingered 2, se interpreta como Am7.
- *2 Con Fingered 2, se interpreta como Am7^{b5}.
- *3 En algunos casos no se puede usar la forma invertida.

Fingered 3, Full Range Chords/ Acordes Fingered 3, Full Range

In addition to the chords that can be fingered with Fingered 1 and Fingered 2, the following chords also are recognized.

Además de los acordes que se pueden digitar con Fingered 1 y Fingered 2, también se pueden reconocer los siguientes acordes.

| | | | | | | | | | | |
|-----------------|----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|---------------------|----------------|----------------|
| $\frac{C\#}{C}$ | $\frac{D}{C}$ | $\frac{E}{C}$ | $\frac{F}{C}$ | $\frac{G}{C}$ | $\frac{A^b}{C}$ | $\frac{B^b}{C}$ | $\frac{B}{C}$ | $\frac{C\#m}{C}$ | $\frac{Dm}{C}$ | $\frac{Fm}{C}$ |
| $\frac{Gm}{C}$ | $\frac{Am}{C}$ | $\frac{B^bm}{C}$ | $\frac{Ddim}{C}$ | $\frac{A^b7}{C}$ | $\frac{F7}{C}$ | $\frac{Fm7}{C}$ | $\frac{Gm7}{C}$ | $\frac{A^badd9}{C}$ | | |

NOTE

- With Fingered 3, the lowest note fingered is interpreted as the base note. Inverted forms are not supported.
- With Full Range Chord, when the lowest note fingered is a certain distance from the neighboring note, the chord is interpreted as a fraction chord.
- Unlike Fingered 1, 2, and 3, Full Range Chord requires pressing of at least three keys to form a chord.

NOTA

- Con Fingered 3, la nota más baja digitada se interpreta como nota base. No se pueden usar formas invertidas.
- Con Full Range Chord, cuando la nota digitada más baja se encuentre a cierta distancia de la nota adyacente, el acorde se interpreta como un acorde bitonal.
- A diferencia de Fingered 1, 2, y 3, Full Range Chord requiere la pulsación de tres teclas como mínimo para formar un acorde.

Chord Example List/Lista de ejemplos de acordes

| Root Chord Type | C | C ² /(D ⁺) | D | (D ⁺)/E ⁺ | E | F | F ⁺ /(G ⁺) | G | (G ⁺)/A ⁺ | A | (A ⁺)/B ⁺ | B |
|-----------------------|---|-----------------------------------|---|----------------------------------|---|---|-----------------------------------|---|----------------------------------|---|----------------------------------|---|
| M | | | | | | | | | | | | |
| m | | | | | | | | | | | | |
| dim | | | | | | | | | | | | |
| aug | | | | | | | | | | | | |
| sus4 | | | | | | | | | | | | |
| sus2 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| m7 | | | | | | | | | | | | |
| M7 | | | | | | | | | | | | |
| m7 ^b 5 | | | | | | | | | | | | |
| 7 ^b 5 | | | | | | | | | | | | |
| 7sus4 | | | | | | | | | | | | |
| add9 | | | | | | | | | | | | |
| madd9 | | | | | | | | | | | | |
| mM7 | | | | | | | | | | | | |
| dim7 | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| m6 | | | | | | | | | | | | |

- Since the chord input range is limited, this model may not support some of the chords shown above.
- Debido a que el rango de entrada de acordes es limitado, es posible que este modelo no admita algunos de los acordes mostrados arriba.



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.

CASIO®

 MA1608-A Printed in China



CTK1500-ES-1A

CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan

© 2016 CASIO COMPUTER CO., LTD.

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>