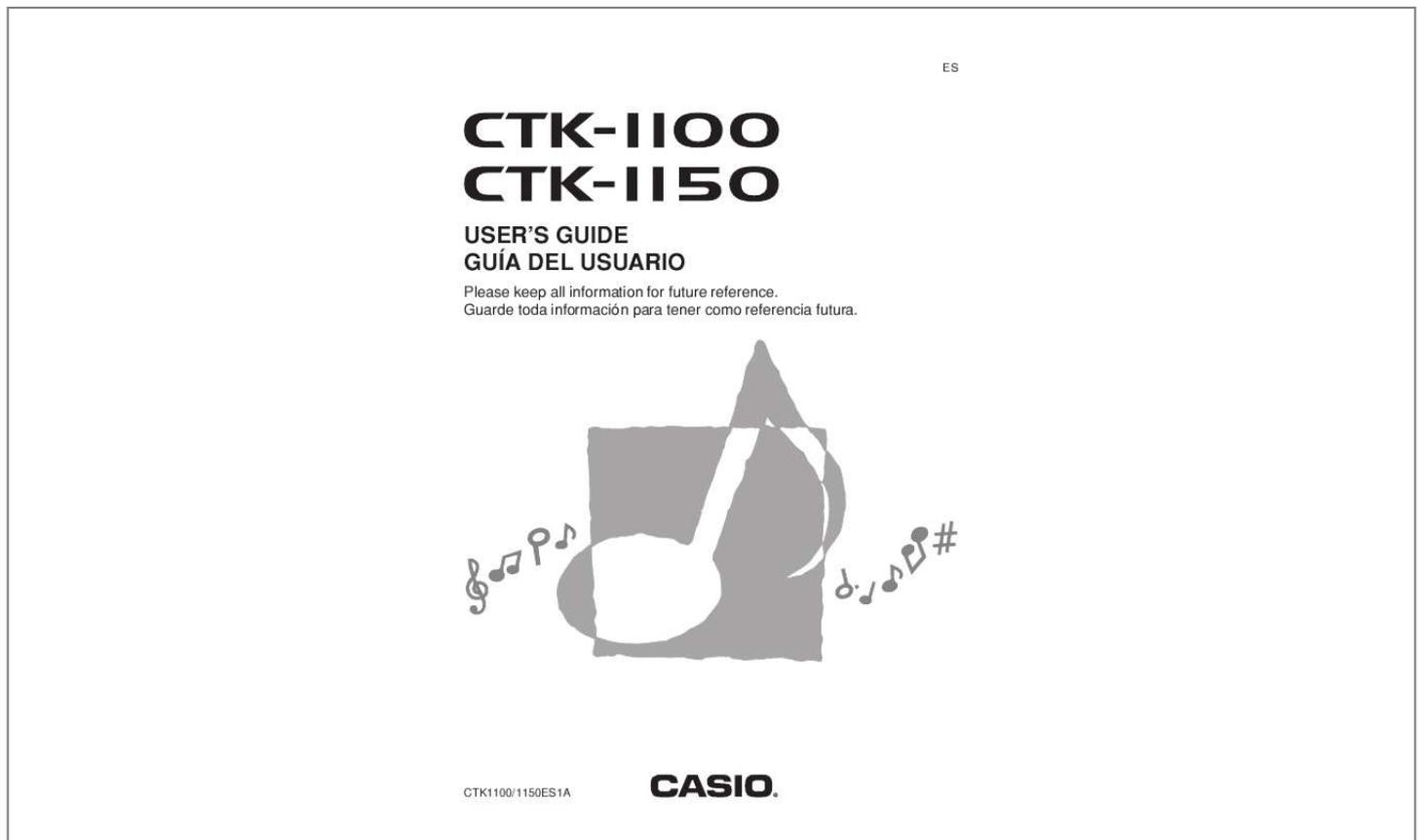




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for CASIO CTK-1100. You'll find the answers to all your questions on the CASIO CTK-1100 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual CASIO CTK-1100
User guide CASIO CTK-1100
Operating instructions CASIO CTK-1100
Instructions for use CASIO CTK-1100
Instruction manual CASIO CTK-1100



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Manual abstract:

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. @@@@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. @@ · 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.

This mark applies in EU countries only. 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 Safety Precautions Before using the instrument, be sure to carefully read through the instructions contained in this manual. Symbol Examples This triangle symbol () means that the user should be careful.

(The example at left indicates electrical shock caution.) This circle with a line through it () means that the indicated action must not be performed.

Indications within or nearby this symbol are specifically prohibited. (The 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.) 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. E-1 Safety Precautions DANGER Alkaline Batteries Perform the following steps immediately if fluid leaking from alkaline batteries ever gets into your eyes. 1. Do not rub your eyes! Rinse them with water. 2. Contact your physician immediately. Leaving alkaline battery fluid in your eyes can lead to loss of sight. G Never touch the AC adaptor while your hands are wet. Doing so creates the risk of electric shock.

G Use the AC adaptor where it will not be splashed with water. Water creates the risk of fire and electric shock. G Do not place a vase or any other container filled with liquid on top of the AC adaptor. Water creates the risk of 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. · 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. 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, pencils, etc.) 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. 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 G 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.

G 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. E-2 Safety Precautions 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.

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.



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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. **CAUTION AC Adaptor G 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 longterm 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. · Never use detergent to clean the power cord, especially the plug and jack parts. **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. **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. **E-3 Safety Precautions 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. **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. **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. 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 vutton 7 TEMPO buttons 8 Speakers 9 Song Bank list 0 Display A Rhythm list B Tone list C CHORD root names D Percussion instrument list E RHYTHM button F TONE button G SONG BANK button H [+]/[-] buttons · Negative values can be changed only by using [+] and [-] to increase and decrease the displayed value. I Number buttons/Chord specification buttons · For input of numbers to change displayed settings. · For input of chord specification data when using the Chord Book. J REW button K FF button L STOP button M PLver. Tab · Never insert metal, pencils, or any other objects into the product's 9.5V DC terminal. Doing so creates the risk of accident. **E-12 Power Supply Important Battery Information** I The following shows the approximate battery life.

Zinc-carbon batteries

.....
.....
.....

2 hours* * 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. I Any of the following symptoms indicate low battery power. Replace batteries as soon as possible whenever any of the following occurs. · 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 Auto Power Off The Digital Keyboard will turn off automatically to preserve power if you do not perform any operation for about six minutes. 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. **E-13 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.



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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. E-14 Basic Operations POWER/MODE MAIN VOLUME TONE Number buttons This section provides information on performing basic keyboard operations. 3 Use the number buttons to input the two digit tone number for the tone you want to select. Example: To select "26", input 2 and then 6 .

Playing the Keyboard To play the keyboard NOTE · 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 [-]. 1 2 3 Set the POWER/MODE switch to NORMAL. Use the MAIN VOLUME slider to lower the keyboard volume.

It's always a good idea to set the keyboard volume at a relatively low level before playing. Play something on the keyboard. Selecting a Tone This keyboard comes with 100 built-in tones. Refer to the following pages for details on chord play. CASIO CHORD

..... Page E-19 FINGERED .
.....
.....
.....

Decreases the tempo value. The following describes the CASIO CHORD "Accompaniment keyboard" and "Melody keyboard", and tells you how to play CASIO CHORDS. Chord Types CASIO CHORD accompaniment lets you play four types of chords with minimal fingering. Chord types 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. 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. 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.

Example C Major (C) CC#DE E FF#GA A B B CC# DE E F CASIO CHORD Accompaniment Keyboard and Melody Keyboard Accompaniment keyboard Melody keyboard C minor (Cm) CC#DE E FF#GA A B B CC# DE E F 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. C seventh (C7) CC#DE E FF#GA A B B CC# DE E F C minor seventh (Cm7) CC#DE E FF#GA A B B CC# DE E F 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. E-19 Auto Accompaniment 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. 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-EG) 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.

FINGERED Accompaniment Keyboard and Melody Keyboard Accompaniment keyboard Melody keyboard 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. C Cm Cdim Caug *1 Csus4 C7 *2 Cm7 *2 Cmaj7 *2 Cm7 5 C7 5 *1 C7sus4 Cadd9 *2 Cadd9 *2 CmM7 *2 Cdim7 *1 See the "Fingered Chord Chart" on page A-2 for details on playing chords with other roots. *1: Inverted fingerings cannot be used. The lowest note is the root. *2: The same chord can be played without pressing the 5th G. E-20 Auto Accompaniment ACCOMP VOLUME [+] / [-] Number buttons START/STOP SYNCHRO/FILL-IN 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. 2 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. To insert a fill-in 1 2 Press the START/STOP button to start rhythm play. Press the SYNCHRO/FILL-IN button to insert a fillin pattern for the rhythm you are using. Adjusting the Accompaniment Volume You can adjust the volume of the accompaniment parts as a value in the range of 0 (minimum) to 9. 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). 1 Press the ACCOMP VOLUME button. Current accompaniment volume setting A c o m p V o l 2 Use the number buttons or the [+] / [-] buttons to change the current volume setting value. Example: 5 To use synchro start 1 Press the SYNCHRO/FILL-IN button to put the keyboard into synchro start standby.

A c o m p V o l NOTE · The current accompaniment volume value that appears in Step 1 automatically clears from the display if you do not input anything within about five seconds. · Pressing [+] and [-] buttons at the same time automatically sets an accompaniment volume of 7. Flash E-21 Using the Song Bank MAIN VOLUME ACCOMP VOLUME SONG BANK Number buttons REW POWER/MODE TEMPO FF STOP PLAY/PAUSE A selection of 100 Song Bank tunes comes built-in for your listening enjoyment or play along fun. You can turn off the left-hand or right-hand part to practice with the remaining part. NOTE · "00" is the initial default Song Bank tune setting whenever you turn on keyboard power.

Adjust the main volume and accomp volume. @@@@1 beep: indicates a change to another measure. @@@@1 beep: indicates a change to another measure. @@@@The tone setting can be changed while the tune is stopped or playing back. 1 While a song is playing back, press the TONE button.

1 Use the TEMPO buttons (/) to adjust the tempo.



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: each press increases the value : each press decreases the value NOTE · Pressing both the [] and [] TEMPO buttons at the same time returns the tempo setting to the preset value for the currently selected tune. · Song Bank tunes 81 through 99 are arranged so their tempos change part way through the tunes. If you use the above procedure to change the tempo setting while one of these tunes is playing, however, the tempo you set is used for the entire tune without any change part way through. 2 Find the tone you want in the Tone List, and then use the number buttons or the [+] and [] buttons to specify the tone number. Example: To select "30", input 3 and then 0. NOTE · Pressing both the [+] and [] buttons at the same time selects "00". · With two-hand tunes (81 to 99), you can select tones for both the left hand part and right hand part. · To return a Song Bank tune to its original settings, simply select that tune again. E-24 Using the Song Bank Playing Along with a Song Bank Tune Each Song Bank tune has a left-hand (accompaniment) part and a right-hand (melody) part.

You can turn off the left-hand part or right-hand part of a Song Bank tune and play along with the remaining part on the keyboard. Tune Numbers Accompaniment Type Left-hand Part Right-hand Part 3 Press the PLAY/PAUSE button to start play of the Song Bank Tune. · Only the part (melody or accompaniment) that is turned on is played, so you can play the other part on the keyboard. · You can press the RIGHT ON/OFF and LEFT ON/OFF buttons to turn parts on and off while playback is in progress. 00 to 80 81 to 99 4 To end playback, press the STOP button. Autoaccompaniment Autoaccompaniment (percussion, bass, chords) Melody Piano Solo Auto-accompaniment Tunes (Tune Numbers 00 to 80) During playback of these tunes in the Song Bank Mode, the chord specification method for the left hand is always FINGERED for these tunes. Two-hand Tunes (Tune Numbers 81 to 99) During playback of these tunes in the Song Bank Mode, the entire keyboard functions as a melody. Left-hand notes Right-hand notes NOTE · With two-hand tunes (81 to 99), you cannot turn off both the left-hand and right-hand parts at the same time. · The selected Song Bank tune continues to repeat until you stop playback by pressing the STOP button. · The accompaniment volume setting (page E-21) affects auto-accompaniment tunes (00 to 80) only.

· Chord names are not displayed during playback of twohand tunes (81 to 99). · Turning off both the left-hand and right-hand parts of the auto-accompaniment tunes (00 to 80) results in obbligato accompaniment being played. To play along with a Song Bank tune 1 2 Perform steps 1 through 4 under "To play back a Song Bank tune" on page E-22 to select the song you want to play along with. Press the RIGHT ON/OFF or LEFT ON/OFF button for the part you want to turn off. · Press the RIGHT ON/OFF button to turn off the right hand (melody) part, or the LEFT ON/OFF button to turn off the left hand (accompaniment) part.

· The display shows the on/off status of each part. Example: Left-hand part on, right-hand part off E-25 Using the Song Bank Applause Sound Whenever you turn off the left hand or right hand part of a Song Bank tune and play it back, an applause sound is produced when the tune reaches the end. To turn off the applause sound 1 Press the STOP button and the LEFT ON/OFF or RIGHT ON/OFF button at the same time. A p l s =O f f · Pressing the STOP button and the LEFT ON/OFF or RIGHT ON/OFF button at the same time again turns the applause sound back on. Playing Back All Song Bank Tunes in Succession 1 Use the TONE or RHYTHM button to change to any mode other than the Song Bank Mode.

Indicator turns off. 2 3 Press the PLAY/PAUSE button to start playback of the Song Bank tunes starting from tune 00. To stop Song Bank tune playback, press the STOP button. · Pausing playback automatically cancels consecutive playback of all Song Bank tunes. Re-starting playback causes repeat playback of the current tune only. E-26 Using the Chord Book The Chord Book mode of this keyboard lets you use button operations to sound a chord, even if you do not know how to finger it on the keyboards. Specifying a chord using the Chord Book also causes its Auto Accompaniment to play. <Note Names> C D E F G A B C White keys What is a chord? A chord is made up of a root note, upon which is stacked a number of other notes. A variety of different chords can be created by changing the notes stacked onto a root. <Example: C chord> CE (D) (D) FAB (G) (G) (A) Black keys Stacked notes Root Sharps and flats can be referred to using either of the names shown here.

The names in the upper row of this illustration are used by this keyboard, because they are the names that are most commonly used in musical notation. Chord Names Chords are named using upper-case letters from A through G, which indicate the root note of the chord. If the root note is a sharp or flat, the chord itself is sharp or flat. A chord name may also be followed by a degree number or other symbols that indicate certain characteristics about the chord. <Examples> Sharp Flat Minor Sharp Diminished Root Seventh Degree Root Root Root Root Root Major seventh Sus fourth Root Degree Root E-27 Using the Chord Book START/STOP Chord specification buttons CLEAR CHORD Looking Up a Chord Using the Chord Book 3 If the chord name you plan to input is a non-major chord, use the chord specification buttons to specify the chord type. · Chord types are indicated by the small letters above the chord specifications buttons. · Non-major chords include minor, seventh, sustained, etc. chords. · See page E-30 for details on the chord specification buttons. · Skip step 3 if you want to input a major chord name.

1 Press the CHORD button to enter the Chord Book mode. Ch o r d B k 2 Press the CLEAR button. · This step is necessary to clear any previously input chord name. <Example: F m7-5> Ch o r d B k E-28 Using the Chord Book 4 Press the accompaniment keyboard key that corresponds to the root note of the chord. This causes the appropriate chord to sound.

· A dash appears in place of the chord name if the chord cannot be recognized by the keyboard. · To specify F , for example, press the F key. <Example: F m7-5> CE FAB CE C D EF G A BCD EF Ch o r d B k Chord name 5 Check to make sure that the chord name on the display is the one you want. If it isn't, repeat the above from step 2. NOTE · You can also use the [+] and [] buttons to change the displayed chord name.



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· The tone used to sound chords you play on the accompaniment keyboard while using the Chord Book is the same tone used by the accompaniment part of the rhythm that was selected before you entered the Chord Book mode. Depending on the rhythm that was selected, some of the notes that make up a chord may be omitted when you play the chord on the accompaniment keyboard in the Chord Book Mode. This is due to the internal chord conversion function, arrangements, and polyphony limitations. · You can press the START/STOP button to start play of a rhythm pattern and then use the Chord Book to specify a chord. This will cause the rhythm pattern to change in accordance with the specified chord. · Changing to a different rhythm pattern (rhythm number) exits the Chord Book mode. E-29 Using the Chord Book Chord Name Modifier Keys Chord Type Symbol and Name Reference Modifier Key Chord Type Symbol and Name C7sus4 (C seventh sus fourth) Reference Modifier Key 7sus 4 major C (C major) add 9 Cadd9 (C add ninth) minor Cm (C minor) m add 9 Cm add9 (C minor add ninth) aug Caug C+5 (C augmented) 7th-5 Cs7-5 (C seventh flat five) C7 5 sus 4 Csus4 (C sustained fourth) dim7 Cdim7 (C diminished seventh) dim Cdim C° (C diminished) NOTE C7 (C seventh) · While a chord name is on the display, you can press keys on the accompaniment keyboard to find out the fingerings of the same chord with a different root. · You can also scroll through chord names using the [+] and [-] buttons. 7th M7 CM7 (C major seventh) Cmaj7 C7 minor 7 Cm7 (C minor seventh) CmM7 minor M7 (C minor Major seventh) Cm7-5 minor 7-5 (C minor seventh flat five) Cø E-30 Keyboard Settings TRANSPOSE/TUNE [+] / [-] Transposing the Keyboard 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 in a key that's different from the keyboard, for example, simply use transpose to change the key of the keyboard.

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. · If you leave the transpose screen on the display for about five seconds without doing anything, the screen is automatically cleared. · The transpose setting also affects Auto Accompaniment. · Playing back a Song Bank tune automatically returns the transpose setting to its standard default of "0". · The allowable pitch range you can transpose within depends on the tone you are using. If a transpose operation causes a note to be outside of the pitch range for the tone being used, the keyboard automatically plays the same note in the nearest octave that falls within the pitch range of the tone you are using. To transpose the keyboard 1 Press the TRANSPOSE/TUNE button until the transpose screen appears on the display. T r a n s 2 Use [+] and [-] to change the transpose setting of the keyboard.

Example: To transpose the keyboard five semitones upwards.

T r a n s (+) E-31 Keyboard Settings TRANSPOSE/TUNE [+] / [-] Tuning the Keyboard The tuning feature lets you fine tune the keyboard to match the tuning of another musical instrument. To tune the keyboard 1 Press the TRANSPOSE/TUNE button twice to display the tuning screen. Tune 2 Use [+] and [-] to change the tuning setting of the keyboard. Example: To lower the tuning by 20. Tune NOTE () · 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 returns the tuning setting to its standard default of "00".

E-32 Troubleshooting Problem No keyboard Sound Possible Cause 1. Power supply problem. Action 1. Correctly attach the AC adaptor, make sure that batteries poles (+/-) are facing correctly, and check to make sure that batteries are not dead. 2. Set the POWER/MODE switch to the NORMAL position. 3. Use the MAIN VOLUME slider to increase volume. 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. Replace the batteries with a set of new ones or use the AC adaptor. · 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 See page Pages E-12, 13 2. Power is not turned on. 3. Volume setting is too low. 4. The POWER/MODE switch is in the CASIO CHORD or FINGERED position. Page E-15 Page E-15 Page E-15 Any of the following symptoms while using battery power. · · · · Low battery power Pages E-12, 13 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 Auto Accompaniment does not sound.

The key or tuning does not match when playing along with another instrument. Missing Song Bank tune. Auto accompaniment volume is set to 0. @@@1. @@@Change the transpose or tuning parameter value to 0 or 00.

1. @@@@2. Adjust accompaniment volume. Page E-21 Pages E-31, 32 Page E-25 2. Accompaniment volume is set to 0.

Page E-21 E-33 Specifications Model: Keyboard: Tones: Polyphony: Auto Accompaniment Rhythm Patterns: Tempo: Chords: Rhythm Controller: Accomp Volume: Song Bank Tunes: Controllers: Other Functions Transpose: Tuning: Terminals Phones/Output Terminal: CTK-1100/CTK-1150 61 standard-size keys, 5 octaves 100 12 notes maximum (6 for certain tones) 100 Variable (236 steps, = 20 to 255) 2 fingering methods (CASIO CHORD, FINGERED) START/STOP, SYNCHRO/FILL-IN 0 to 9 (10 steps) 100 PLAY/PAUSE, STOP, REW, FF, LEFT ON/OFF (ACCOMP), RIGHT ON/OFF (MELODY) 12 steps (-6 semitones to +5 semitones) Variable (A4 = approximately 440Hz ±50 cents) Stereo standard jack (Output is monaural.) Output Impedance: 78 Output Voltage: 4V (RMS) MAX 9.5V DC Dual power supply system 6 AA-size zinc-carbon batteries or alkaline batteries Battery Life: Approximately 2 hours continuous operation on zinc-carbon batteries AD-E95100L Turns power off approximately 6 minutes after last key operation. 2.0W + 2.0W 9.5V 7.7W 94.9 x 30.4 x 9.

3 cm (37 3/8 × 11 15/16 × 3 11/16 inch) Approximately 3.



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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. BASS DRUM SIDE STICK ACOUSTIC SNARE HAND CLAP ELECTRIC SNARE LOW TOM 2 CLOSED HI-HAT LOW TOM 1 PEDAL HI-HAT MID TOM 2 OPEN HI-HAT MID TOM 1 HIGH TOM 2 CRASH CYMBAL 1 HIGH TOM 1 RIDE CYMBAL 1 CHINESE CYMBAL RIDE BELL TAMBOURINE SPLASH CYMBAL COWBELL CRASH CYMBAL 2 CLAVES RIDE CYMBAL 2 HIGH BONGO LOW BONGO MUTE HIGH CONGA OPEN HIGH CONGA LOW CONGA HIGH TIMBALE LOW TIMBALE HIGH AGOGO LOW AGOGO CABASA MARACAS VOICE BASS DRUM VOICE SNARE VOICE CLOSED HI-HAT VOICE OPEN HI-HAT A-4 Appendix/Apéndice Rhythm List Lista de ritmos POPS I 00 CLUB POP 01 VOCAL POP 02 RAP POP 03 FUNKY POP I 04 SOUL BALLAD 05 POP BALLAD 06 LOVE BALLAD 07 FUNKY POP 2 08 EPIC BALLAD 09 LITE POP POPS II 10 16 BEAT SHFL 11 16 BEAT POP 12 16 BEAT FUNK 13 8 BEAT POP 14 8 BEAT SOUL 15 8 BEAT SHFL 16 DANCE POP 1 17 DANCE POP 2 18 POP FUSION 19 FOLKIE POP ROCK 20 ROCK WALTZ 21 SLOW ROCK 1 22 SLOW ROCK 2 23 SOFT ROCK 1 24 SOFT ROCK 2 25 SOFT ROCK 3 26 POP ROCK 1 27 POP ROCK 2 28 50'S ROCK 29 60'S SOUL 30 4 BEAT ROCK 31 ROCK 32 HEAVY ROCK 33 8 BEAT ROCK 34 STRAIGHT ROCK 35 HEAVY METAL 36 TWIST 37 NEW ORLNS R&R 38 CHICAGO BLUES 39 R&B JAZZ/FUSION 40 BIG BAND 41 SLOW SWING 42 SWING 43 FOX TROT 44 JAZZ WALTZ 45 MODERN JAZZ 46 COOL 47 HARD BOP 48 ACID JAZZ 49 LATIN FUSION DANCE/FUNK 50 VOCAL GROOVE 51 RAVE 52 CLUB GROOVE 53 TECHNO 54 TRANCE 55 HOUSE 56 GROOVE SOUL 57 DISCO 58 RAP 59 FUNK EUROPEAN 60 POLKA 1 61 POLKA 2 62 MARCH 1 63 MARCH 2 64 WALTZ 65 VIENNESE WALTZ 66 FRENCH WALTZ 67 SLOW WALTZ 68 SERENADE 69 TANGO 1 LATIN 70 BOSSA NOVA 71 SAMBA 72 MAMBO 73 RHUMBA 74 CHA-CHA-CHA 75 MERENGUE 76 REGGAE 77 BOLERO 78 TANGO 2 79 LAMBADA 80 PUNTA 81 CUMBIA 82 SKA 83 TEX-MEX 84 SALSA 85 FOLKLORE 86 PASODOBLE 87 RUMBA CATALANA 88 SEVILLANA VARIOUS 89 FOLK 90 COUNTRY 91 BLUEGRASS 92 TOWNSHIP 93 FAST GOSPEL 94 SLOW GOSPEL 95 ADANI 96 BALADI 97 BAROQUE 98 ENKA 99 NEW AGE A-5 Appendix/Apéndice Song List / Lista de canciones SONG BANK / BANCO DE CANCIONES 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 JUPITER FROM "THE PLANETS" DECK THE HALL WE WISH YOU A MERRY CHRISTMAS JINGLE BELLS SILENT NIGHT JOY TO THE WORLD O CHRISTMAS TREE WHEN THE SAINTS GO MARCHING IN GREENSLEEVES AMAZING GRACE JOSHUA FOUGHT THE BATTLE OF JERICHO AULD LANG SYNE TWINKLE TWINKLE LITTLE STAR LIGHTLY ROW ACH DU LIEBER AUGUSTIN LONDON BRIDGE J'AI PERDU LE DO DE MA CLARINETTE SUR LE PONT D'AVIGNON GRANDFATHER'S CLOCK I'VE BEEN WORKING ON THE RAILROAD LITTLE BROWN JUG LONG LONG AGO MICHAEL ROW THE BOAT ASHORE THE NOBLE DUKE OF YORK SIPPIN' CIDER THROUGH A STRAW UNDER THE SPREADING CHESTNUT TREE SUMM SUMM SUMM THE MUFFIN MAN ANNIE LAURIE DANNY BOY MY BONNIE IF YOU'RE HAPPY AND YOU KNOW IT, CLAP YOUR HANDS MY DARLING CLEMENTINE HOME SWEET HOME 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 MY WILD IRISH ROSE DOWN IN THE VALLEY SHE WORE A YELLOW RIBBON HOUSE OF THE RISING SUN AURA LEE WHEN JOHNNY COMES MARCHING HOME CAMPTOWN RACES SWANEE RIVER (OLD FOLKS AT HOME) JEANNIE WITH THE LIGHT BROWN HAIR YANKEE DOODLE RED RIVER VALLEY MY OLD KENTUCKY HOME HOME ON THE RANGE OH! SUSANNA BEAUTIFUL DREAMER TURKEY IN THE STRAW ALOHA OE JAMAICA FAREWELL HOLDIRIDIA SANTA LUCIA LA CUCARACHA LA PALOMA CIELITO LINDO TROIKA SZLA DZIEWECZKA WALTZING MATILDA AJO MAMMA RASA SAYANG SAKURA SAKURA AIR FROM "SUITE no.3" SPRING FROM "THE FOUR SEASONS" TOY SYMPHONY SYMPHONY no.101 "CLOCK" 2nd Mov. SERENADE FROM "EINE KLEINE NACHTMUSIK" ODE TO JOY BRIDAL MARCH FROM "LOHENGRIN" TRIUMPHAL MARCH FROM "AIDA" BRINDISI FROM "LA TRAVIATA" 72 73 74 75 76 77 LA DONNA É MOBILE FROM "RIGOLETTE" POLKA FROM "THE BARTERED BRIDE" CHANSON DU TOREADOR FROM "CARMEN" HABANERA FROM "CARMEN" PRELUDE FROM "L'ARLÉSIENNE" LE CYGNE FROM "LE CARNAVAL DES ANIMAUX" MARCH FROM "THE NUTCRACKER" SCENE FROM "SWAN LAKE" THAIS MEDITATION MINUET IN G MAJOR JESUS BLEIBET MEINE FREUDE GAVOTTE (GOSSEC) CANON (PACHELBEL) LARGO (HÄNDEL) CHOPSTICKS AMERICAN PATROL THE ENTERTAINER GOING HOME FROM "FROM THE NEW WORLD" FRÖHLICHER LANDMANN PIANO SONATA op.13 "PATHÉTIQUE" 2nd Mov. FÜR ELISE TURKISH MARCH (MOZART) PIANO SONATA K.545 1st Mov. WEDDING MARCH FROM "MIDSUMMER NIGHT'S DREAM" HUNGARIAN DANCES no. 5 NOCTURNE op.9-2 (CHOPIN) ETUDE op.10-3 "CHANSON DE L'ADIEU" VALSE op.64-1 "PETIT CHIEN" 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 32 33 A-6 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 COMPUTER CO.,LTD. 6-2, Honmachi 1-chome Shibuya-ku, Tokyo 151-8543, Japan K MA1006-B Printed in China CTK1100/1150ESIA .



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