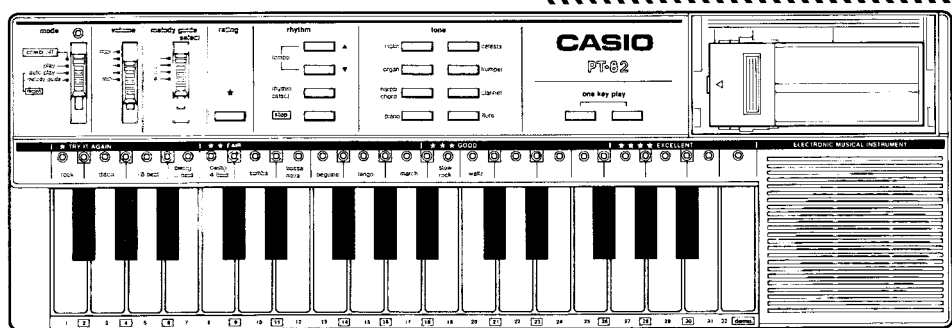


CASIO PT-82

ELECTRONIC MUSICAL INSTRUMENT
INSTRUMENTO MUSICAL ELECTRONICO

OPERATION
MANUAL 2

MANUAL DE
OPERACION 22



CASIO PT-82

ELECTRONIC MUSICAL INSTRUMENT

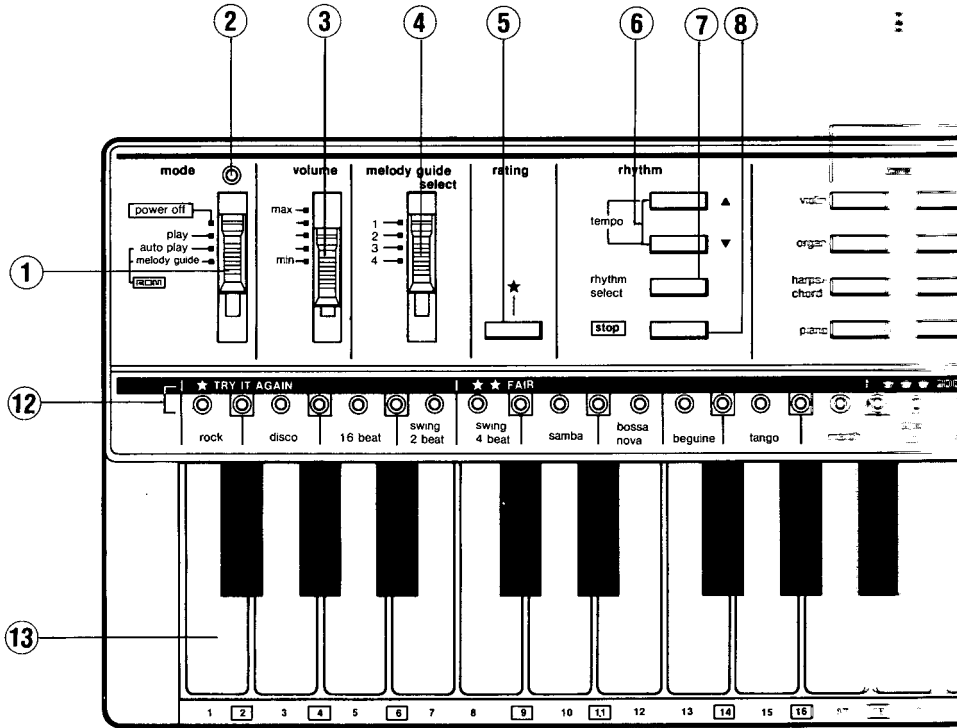
Thank you for purchasing the Casiotone PT-82 electronic musical instrument. This compact keyboard lets you learn how to play your favorite tunes by following LEDs that light above the notes to be played. An automatic rating system lets you challenge your friends to see who is the best player while letting you keep pace of your own progress. Programming is accomplished through ROM packs that provide a virtually unlimited selection of popular tunes. Eight preset tones and 12 auto-rhythms let you select the combination that best suits the music being played.

In order to obtain full enjoyment of this instrument and to ensure troublefree operation, be sure to read this manual thoroughly, and carefully follow the instructions given.

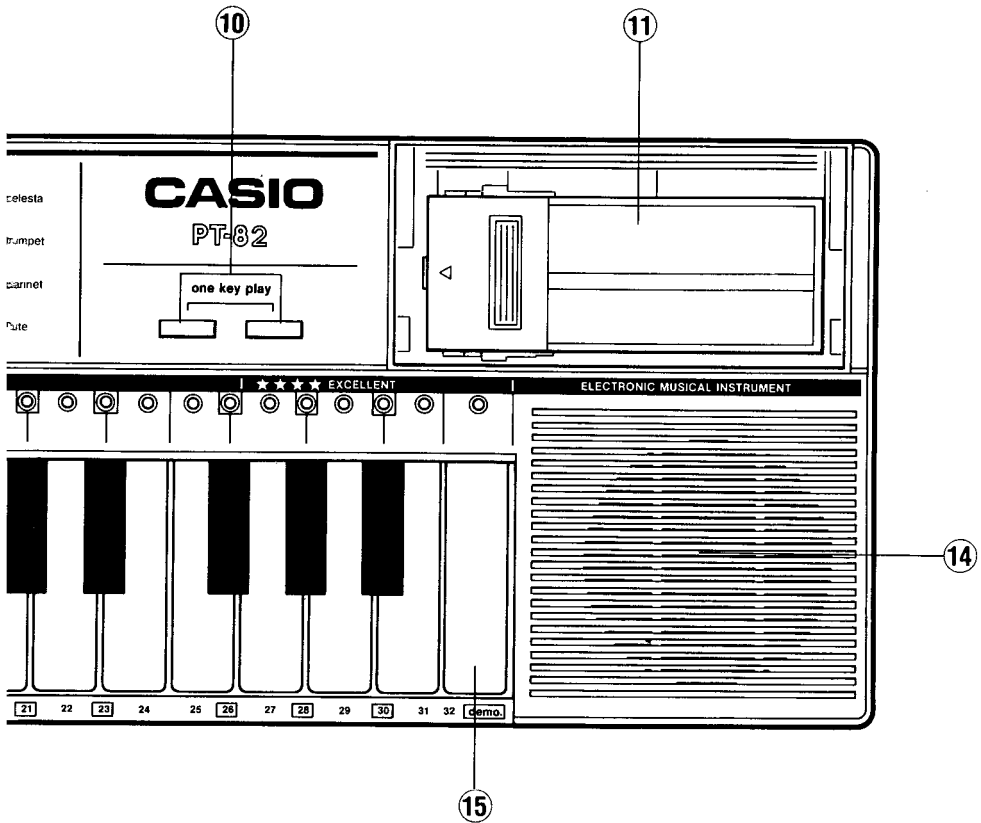
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GENERAL GUIDE

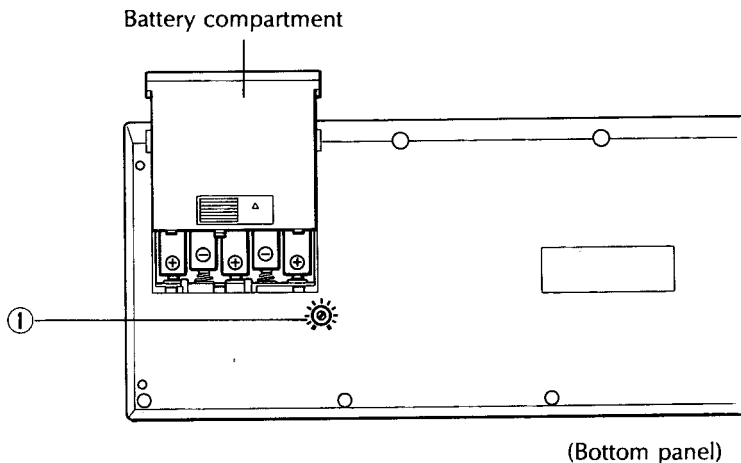


- ① Mode selector
- ② Power indicator lamp
- ③ Volume control
- ④ Melody guide selector
- ⑤ Rating button
- ⑥ Tempo control
- ⑦ Rhythm selector



- ⑧ Stop button
- ⑨ Tone selector buttons
- ⑩ One key play buttons
- ⑪ ROM pack compartment
- ⑫ Melody guide/rating indicator lamps
- ⑬ Keyboard
- ⑭ Built-in speaker
- ⑮ Demo key

SIDE PANEL/BOTTOM PANEL



① Pitch control

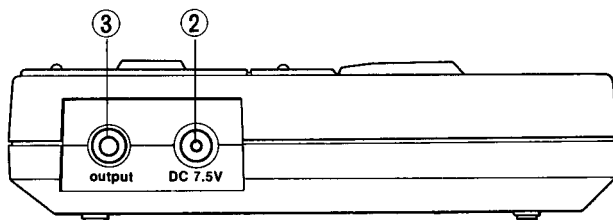
Used to adjust the entire keyboard within ± 30 cents for easy tuning with other instruments.

② AC adaptor jack

Used to plug in AD-1 AC adaptor or CA-1 car battery adaptor (see page 7).

③ Output jack

Used to connect audio equipment or keyboard amplifier for more volume. Overall volume is adjusted using the volume control of the keyboard.



(Side panel)

POWER SUPPLY

This unit operates on both AC and DC power.

DC Power

• **Dry batteries**

This unit can be powered by five AA size (SUM-3) manganese dry batteries. Weakened batteries will result in lower volume or poor tonal quality. The power indicator lamp will gradually lose its brightness when battery power weakens. At this time, change batteries or shift to one of the alternate power sources mentioned below.

Battery replacement:

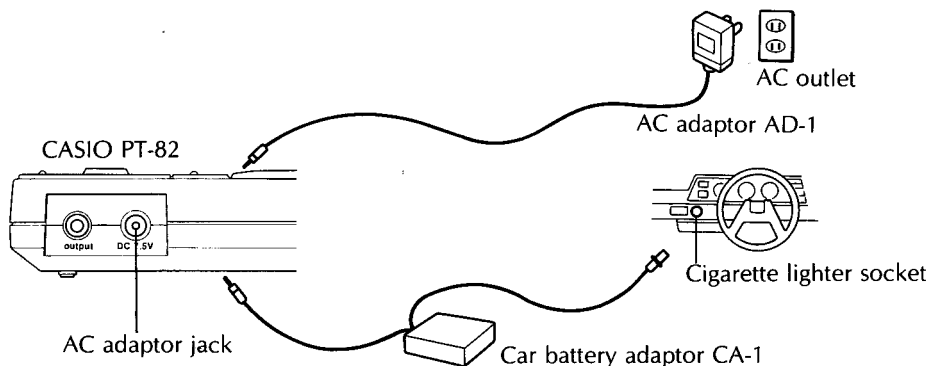
- ① Slide open the battery compartment cover on the bottom of the unit and take out used batteries.
 - ② Load new batteries taking care that polarity is correct.
- * It is advisable to replace all five batteries at the same time for longer battery life.
 - * Refer to the specifications for standard battery life.

• **Car battery adaptor**

With the car battery adaptor (CA-1, optional), DC power is supplied from a car battery through the cigarette lighter socket.

AC Power

An AC adaptor (AD-1, optional) is required to connect to an AC outlet. Use only an adaptor with the same voltage rating (100, 117, 220, or 240V) as the power supply in your area to prevent component damage. Plug the AC adaptor into the AC outlet and the cord into the unit. This will automatically cut off the battery power supply.



Auto power off

Power is automatically cut off approximately 8 minutes after the last operation of the unit. Power supply can be restored by switching power OFF and then ON again.

CAUTION

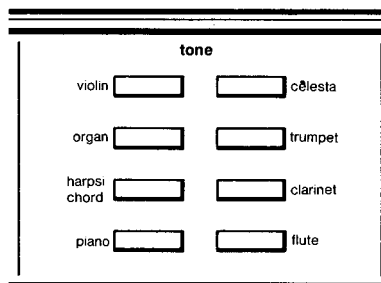
- * Use only genuine CASIO adaptors to avoid risk of damage.
- * Remove batteries from the battery compartment when the unit is not used for extended periods. (Battery leakage can damage electrical parts.)
- * The adaptor may become warm when left connected to an outlet. This is normal, but the adaptor should be disconnected when not in use.
- * THE FOLLOWING CONDITIONS CAN CAUSE BATTERIES TO BURST:

1. Use of adaptors other than genuine CASIO adaptors.
2. Loading batteries with polarities reversed.

PRESET TONES

- **Selecting a preset tone**

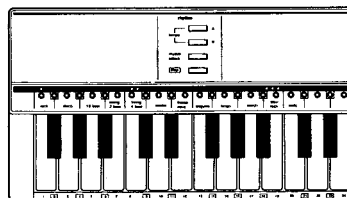
Any one of 8 tones can be selected by pressing the corresponding tone button. The unit is automatically set to the piano tone when power is switched ON, and the ROM pack automatically selects a tone during auto or melody guide play. Preset tones can be manually selected in any of play modes and can be changed at any time while playing.



AUTO-RHYTHM

- **Selecting an auto-rhythm**

Any one of 12 auto-rhythms can be selected by first pressing the rhythm select button and then the key on the keyboard that corresponds to the desired rhythm. Auto-rhythms can only be selected in the play mode. In the auto play and melody guide modes, the rhythm is automatically determined by the ROM pack.

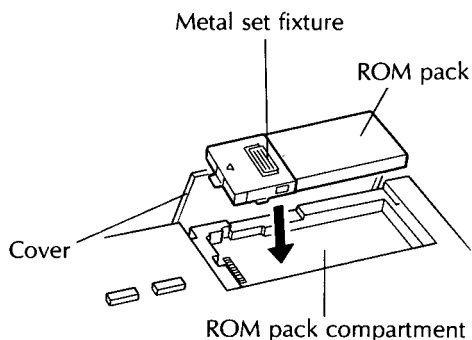


- **Setting rhythm tempo**

Tempo or speed, at which the rhythm accompaniment is played, can be controlled using the tempo buttons. Pressing the <▲> button will increase tempo while pressing the <▼> button will decrease tempo. Tempo can be manually adjusted in any of the play modes and can be changed at any time while playing.

LOADING ROM PACKS

CASIO ROM packs lets you freely change the selection of available songs with which you can play along or listen to.



- ① Open the ROM pack compartment cover.
 - ② Load a ROM pack with the metal set fixture to the right after ensuring that the metal set fixture is slid to the right as far as it will go. (All references to the ROM pack assumes a ROM pack position in which the label can be read normally.)
 - ③ Place the ROM pack into the ROM pack compartment of the unit. The ROM pack should drop into place. If it does not, check the set fixture.
 - ④ Slide the metal set fixture of the ROM pack to the left as far as it will go.
 - ⑤ Close the ROM pack compartment cover.
- * Touch a doorknob or some other metal object to ground yourself to protect against static electricity damage of the contents of the ROM pack.
 - * Avoid touching the terminals of the ROM pack or ROM pack compartment. Clean terminals using a soft, damp cloth.

ROM pack demonstration

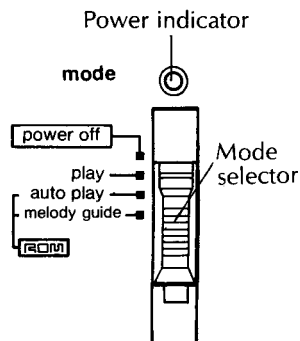
Pressing the demo key in the auto play or melody guide modes will play the tunes contained on the ROM pack one after another. To stop the demonstration, either change the position of the melody guide selector or press the stop button.

- * Rhythm, tempo and tone can be changed any time during demonstration play.
- * LED's above the keyboard do not light in the melody guide mode when the guide level is set at 3 or 4.

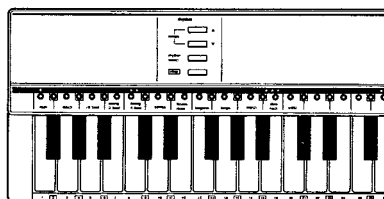
PLAY MODE

The play mode allows you to play individual notes either with or without rhythm accompaniment.

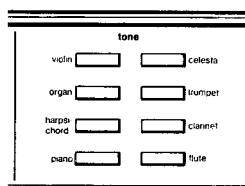
- ① Set the mode selector to the play position. The power indicator will light to indicate that power has been turned ON and a startup melody will play.



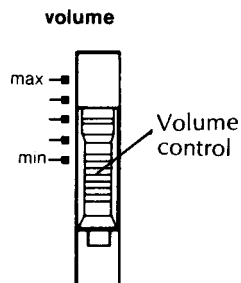
- ② If rhythm accompaniment is desired, press the rhythm select button and then the key on the keyboard that corresponds to the desired rhythm. Use the tempo keys to adjust the tempo (speed) of the rhythm.



- ③ Press one of the eight tone keys to select a preset tone.



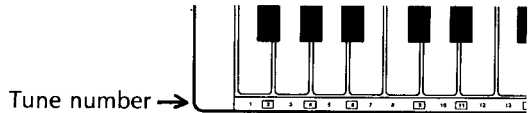
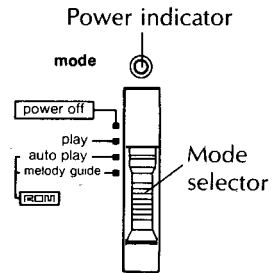
- ④ Use the volume control to adjust volume.



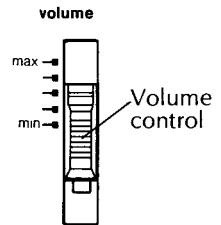
AUTO PLAY MODE

The auto play mode lets you listen to a selection included on the ROM pack.

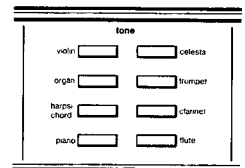
- ① Load the ROM pack that contains the tune you want to hear. (See **LOADING ROM PACKS** on page 10.)
- ② Set the mode selector to the auto play position. The power indicator will light to indicate that power has been turned ON and a startup melody will play.
- ③ Select one of the tunes on the ROM pack by pressing the corresponding key on the keyboard. Pressing any other key on the keyboard will automatically select the first tune on the ROM pack.



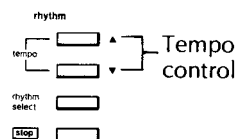
- ④ Use the volume control to set the volume level.



- ⑤ Press one of the eight tone keys to select a preset tone. The tone can be changed at any time during auto play.



- ⑥ Use the tempo keys to adjust the tempo of the rhythm. The tempo can be changed at any time during auto play.



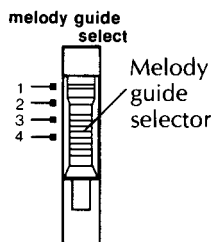
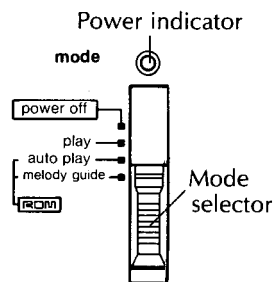
- ⑦ Press stop button to stop auto play.

MELODY GUIDE MODE

—with rating function—

The melody guide mode helps you learn to play your favorite songs and melodies. A selection of levels lets you progress right up to the point that you are able to play songs without assistance.

- ① Load the ROM pack that contains the tune you want to play. (See **LOADING ROM PACKS** on page 10.)
- ② Set the mode selector to the melody guide position. The power indicator will light to indicate that power has been turned ON and a startup melody will play.
- ③ Set the melody guide selector to the level of difficulty that you wish to challenge. Each level is defined as follows:



LEVEL I

- An LED lights above the key to be played and the unit waits until you press the proper key on the keyboard.

LEVEL II

- LEDs light above the keys to be played and sequentially advance according to the melody whether you play the key or not.

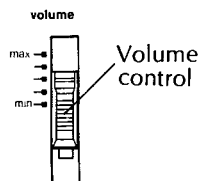
LEVEL III

- LEDs do not light above the keys to be played unless you do not press the proper key within 6 seconds. Once an LED lights, the next 5 notes are indicated by LEDs.

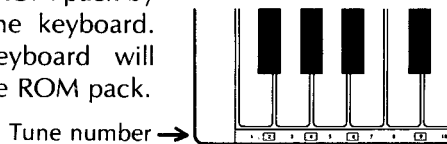
LEVEL IV

- LEDs do not light above the keys to be played and the accompaniment advances no matter what you play on the keyboard.

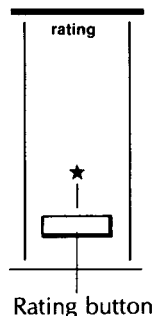
④ Use the volume control to set the volume level.



⑤ Select one of the tune numbers on the ROM pack by pressing the corresponding key on the keyboard. Pressing any other key on the keyboard will automatically select the first tune on the ROM pack.



⑥ After playing along, press the rating button to see how you did for the level of difficulty selected. An LED will light and a short tune will play to indicate your skill level. The unit automatically computes your skill level based on how many mistakes you made as you played the tune selected.



⑦ Press stop button to stop melody guide and select other tune.

- * If the key is pressed during rating, the rating function is stopped and melody guide play starts again.
- * The tone or tempo can be changed by pressing tone selector or tempo control during melody guide play.

MELODY GUIDE PLAY NOTES

- **Melody guide**

- * Some tunes have introductions and some do not. Become familiar with a song using the auto play mode before attempting play in the melody guide mode.
- * Press the key indicated by the LED. Keep pressing the key until the LED goes OFF.
- * A blinking LED will indicate the next key to be pressed. Do not press the key until the LED stops blinking.
- * An LED will blink during a rest. Remember not to press a key until the LED above it stops blinking.
- * Pressing the stop button terminates melody guide play and allows selection of another tune.

- **Rating function**

The following cause ratings to be reduced:

1. Mistiming when pressing a key.
2. Pressing the wrong key.
3. Pressing the rating button before the song is finished.

- **Rating function demonstration**

A rating demonstration including the LED's and a rating tune is performed each time the rating button is pressed in the auto play mode. The rating level demonstrated is controlled using the guide selector.

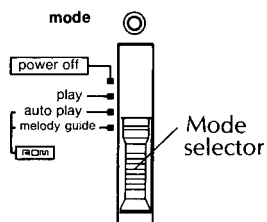
Guide selector position	Rating demonstrated
1	TRY IT AGAIN
2	FAIR
3	GOOD
4	EXCELLENT

ONE KEY PLAY —with rating function—

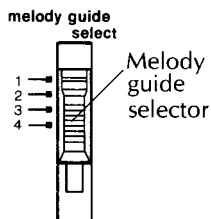
The one key play function lets you play your favorite tunes along with the accompaniment of the ROM pack without using the keyboard.

① Pressing any other key on the keyboard will automatically select the first tune on the ROM pack.

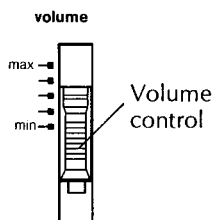
② Set the mode selector to the melody guide position. (One key play can only be used in the melody guide mode.) The power indicator will light to indicate that power has been turned ON and a startup melody will play.



③ Set the melody guide selector to either 1 or 3. One key play cannot be used in positions 2 or 4.



④ Use the volume control to set the volume level.



⑤ Select one of the tune numbers on the ROM pack by pressing the corresponding key on the keyboard.

⑥ Press one of the one key play buttons to automatically play a note. You need only worry about timing and tempo. The unit automatically plays the proper note each time either one of the one key buttons are pressed.

⑦ Press the rating button to see how you did. An LED will light and a short tune will play to indicate your skill level. The unit automatically computes your skill level based on how many mistakes you made as you played the tune selected.

⑧ Press stop button to stop melody guide and select other tune.

* If the key is pressed during rating, the rating function is stopped and melody guide play starts again.

* The tone or tempo can be changed by pressing tone selector or tempo control during melody guide play.

TROUBLESHOOTING

Symptoms	Possible cause	Remedy
No sound even when keys are pressed.	Volume control at minimum.	Reset volume control.
Occasional interference.	Refrigerator, washing machine or other electrical appliance.	Use outlet as far away as possible from appliance thought to be cause.
No sound when connected to external amplifier.	<ol style="list-style-type: none">1. Keyboard volume set at minimum.2. Defective connection cord.	<ol style="list-style-type: none">1. Adjust keyboard volume control.2. Connect correctly.

CARE OF YOUR UNIT

① **Avoid heat, humidity or direct sunlight.**

Do not overexpose the unit to direct sunlight, place it near a heater, or in any area subject to high temperature.

② **Avoid severe impacts and do not drop.**

Severe impacts can result in malfunction. When carrying or transporting the unit, protect the keyboard and switches by packing with soft cloth.

③ **Keep the unit free of liquids, dust, particles, etc.**

Do not allow foreign matter to enter between the keys. Be especially careful of metallic objects such as hairpins, sewing needles or coins. Also, do not allow the unit to get wet.

④ **Never attempt to modify any part of the unit.**

Your keyboard is a precision musical instrument made up of sophisticated electronic parts. Any modification of, or tampering with internal components can cause trouble or malfunction.

⑤ **Do not use lacquer thinner or similar chemicals for cleaning.**

Clean the keyboard with a soft cloth dampened with a mild detergent. (Soak the cloth in a detergent and squeeze until almost dry).

⑥ **In case of malfunction.....**

When the unit does not work properly, check whether switches, connections, etc. are set correctly as indicated in the troubleshooting chart on page 17 of this manual. If the unit still does not work properly, contact the original retailer or a nearby dealer. Never attempt to repair the unit yourself. This can result in serious damage of the components.

SPECIFICATIONS

Model:	Casiotone PT-82
Number of keys:	32 (mini)
Preset tones:	8
Auto rhythms:	12; rock, disco, 16-beat, swing 2-beat, swing 4-beat, samba, bossa nova, beguine, tango, march, slow rock, waltz Speed of rhythms adjustable.
Pitch control:	±30 cents
Speaker:	6.5cm dia. × 1 (output 0.6W)
Output jack:	Output impedance: 100Ω Output voltage: 1.6V (RMS)
Power sources:	AC outlet: 100, 117, 220, 240V (±10V), 50/60Hz with optional adaptor. DC: 5 AA-size manganese dry batteries. Battery life: approx. 10 hours. Car battery: with CA-1 adaptor.
Power consumption:	1.2W
Auto power off function:	After 8 minutes.
Dimensions:	408(W)mm × 36.5(H)mm × 139.5(D)mm
Weight:	750g
Standard accessories:	5 AA-size manganese dry batteries, ROM PACK

* *Design and specifications subject to change without notice.*

Music Score/Partitura

—Before you begin—

- ① The introduction part of the tune are shown in the score. Do not start playing during that part.
- ② The numbers written below the notes show the fingering of the keys.
- ③ Chord names (C, G7 ...) are written above the lines.

—Antes de comenzar—

- ① La introducción de la melodía se muestra en la partitura. No comience a ejecutar en esa parte.
- ② Los números escritos debajo de las notas le indican como pulsar las teclas.
- ③ La denominación de los acordes (C, G7 ...) está escrita sobre las líneas.



1 / UNTERLANDERS HEIMWEH

STONE	RHYTHM
FLUTE	MARCH

Musical score for 'UNTERLANDERS HEIMWEH' in 2/4 time, featuring chords G7 and C. The score consists of four staves of music with fingering numbers and repeat signs.

Staff 1: G7 C G7 C
Fingering: 1 2 1 2 2 3 4 5 4

Staff 2: C G7 C G7 C
Fingering: 3 3 2 2 1 1 2 1 2 2 3 4 5 4

Staff 3: C G7 C G7
Fingering: 3 3 2 2 1 5 4 3 3 3 4 3 2 2 4 5 4

Staff 4: C G7 C G7 1.2.C 3.C
Fingering: 3 3 3 4 3 2 2 2 5 3 1 2 2 1 1 1

2 / GREENSLEEVES

FLUTE	WALTZ
TONE	RHYTHM

Am

1 2 3 4 5 4

G Em Am D7

3 2 1 2 3 5 3 3 2 3

G Em Am D7

4 2 1 1 2 3 4 5 4

G Em Am E7 to ♯

3 2 1 2 3 4 3 1 3 2 3

Am C D7

4 5 5 4 3

G Em Am7 D

2 1 2 3 4 5 3 3 2 3

Em C D7

4 2 1 5 5 4 3

G Em Am E7

2 1 2 3 4 5 4 1 3 2 3

Am

4 4 1 D.S.

Coda Am

4

3 / DIE LORELEI

TRUMPET	WALTZ
TRUMPET	WALTZ

Staff 1: Chords: C, F, C, F. Fingerings: 2, 2, 3, 2, 5, 4, 3, 2, 1, 4.

Staff 2: Chords: C, G, C. Fingerings: 3, 3, 2, 1, 2, 3, 2.

Staff 3: Chords: C, F, C, F. Fingerings: 2, 3, 2, 5, 4, 3, 2, 1, 4.

Staff 4: Chords: C, G7, C. Fingerings: 3, 3, 5, 4, 2, 1, 3.

Staff 5: Chords: G, Am. Fingerings: 2, 3, 2, 5, 1, 1, 5, 4, 4.

Staff 6: Chords: G, D7, G, G7. Fingerings: 3, 3, 2, 3, 4, 3, 2.

Staff 7: Chords: C, F, C, Dm, C. Fingerings: 2, 3, 2, 5, 4, 3, 1, 5, 4, 4, 3, 3.

Staff 8: Chords: G7, 1.2.C, 3.C. Fingerings: 2, 1, 2, 3, 2, 3.

4 // OLD FOLKS AT HOME

TONE	RHYTHM
TRUMPET ↔ FLUTE	ROCK

C F C G7 C

C F C G7

3 2 1 3 2 1 5 3 5 5 3 1 2

C F C G7 C

3 2 1 3 2 1 5 3 5 5 3 1 2 2 1

C F C G7

3 2 1 3 2 1 5 3 5 5 3 1 2

C F C G7 C

3 2 1 3 2 1 5 3 5 5 3 1 2 2 1

G7 C C7 F Ddim (F) G

3 4 5 1 1 2 1 5 5 3 3 1

C F C G7 C

3 2 1 3 2 1 5 3 5 5 3 1 2 2 2 1



CASIO®