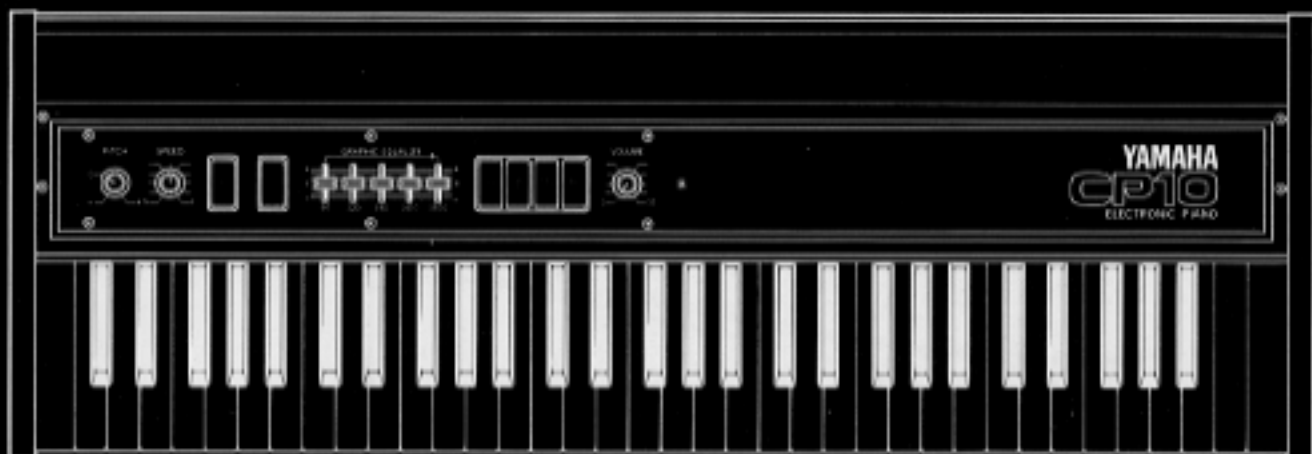


# YAMAHA

# CP10

## Electronic Piano

OWNER'S MANUAL



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# Electronic Piano CP10

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Thank you for your purchase of the CP10 Yamaha electronic piano. The CP10 is an electronic piano which, in addition to piano and harpsichord tones, features tremolo and sustain effects, as well as a graphic equalizer which provided a wide variety of tonal variation. The unit itself is compact. Before using your CP10, take the time to read through these instructions carefully so that you will be completely familiar with its operation and capabilities.

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## **CAUTION : READ THIS FIRST**

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### **[INSTALLATION/LOCATION]**

Do not use this unit in any of the locations mentioned below, as this may impair the sound quality or result in failure or breakdown.

- \* Location near a window where the unit may be exposed to direct sunlight or other extremely hot locations.
- \* Locations with a particularly low temperature.
- \* Locations exposed to high levels of moisture or dust.
- \* Locations susceptible to vibration.
- \* This unit should be installed so that it is separated by a sufficient distance from a radio, television set, or the like. When played near such electrical equipment, it may become the cause of erroneous operations, noise generation.

### **[TAKE CARE OF THE POWER CORD]**

In order to prevent cord breakage and shortcircuits, take hold of the plug, not the actual cord, when disconnecting it from the power outlet. If the unit is not to be used for prolonged periods of time, disconnect the plug from the power outlet.

### **[MOVING THE UNIT]**

Make sure that you disconnect the power cord and detach connecting cables to other equipment before moving the unit.

### **[CONNECTING AND DISCONNECTING OUTPUT CORDS]**

If the output cords are connected or disconnected when the volume level should always be set with care, as the application of excessive input to the amplifier may cause damage to the amplifier or speakers. Always remember to switch off the power switch before connecting and disconnecting the output cords.

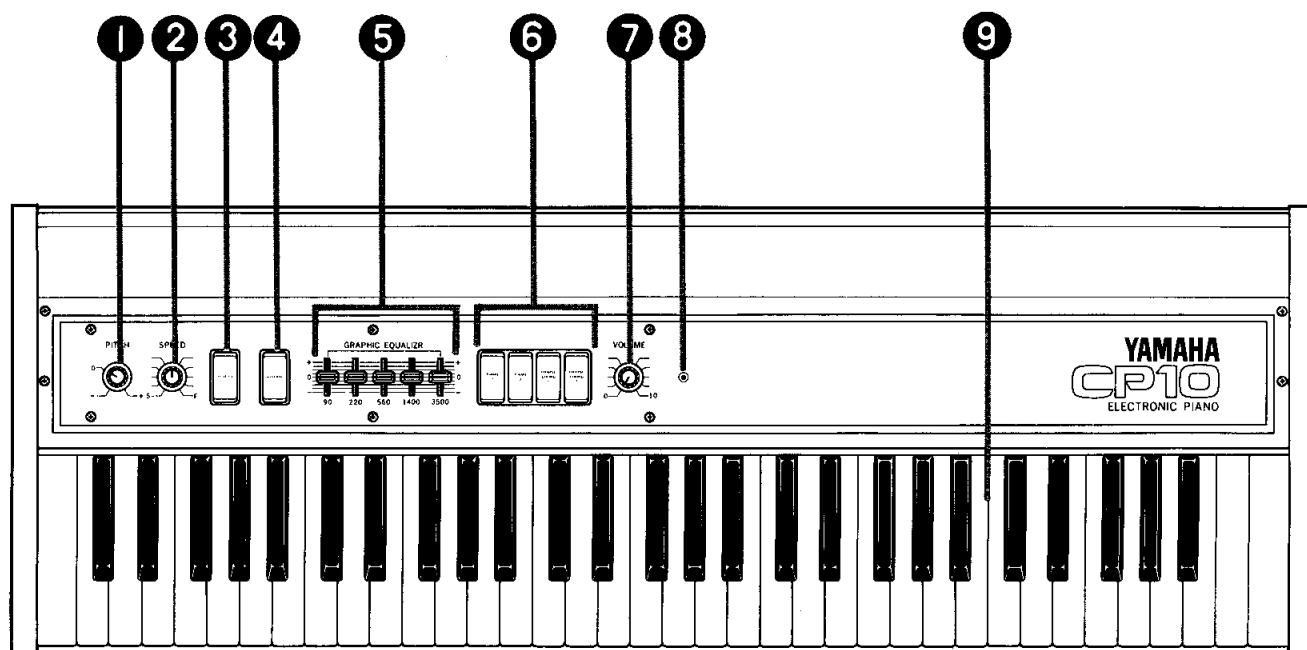
### **[MAINTAINING THE UNIT]**

Do not wipe the unit with benzine or thinner, and do not use aerosol sprays in its vicinity. Always use a soft cloth to wipe the unit.

### **[THUNDER STORMS]**

Remember to disconnect the power plug from the power outlet whenever there is a thunderstorm in order to prevent accidents resulting from lightning.

# FRONT PANEL AND CONTROLS



## ① PITCH control

Used to adjust the pitch. When rotated clockwise from the "0" reference position, the pitch is increased and conversely when rotated counterclockwise from "0", the pitch is reduced.

This control is useful when playing along with other instruments of different tunings.

\* The variable pitch range is 435 to 452Hz.

## ② SPEED control

Used to control the speed of the TREMOLO effect. When rotated clockwise (toward F) from the center position, the speed is increased and conversely when rotated counterclockwise (toward S), this speed is reduced.

## ③ TREMOLO control

Used to produce a vibrating effect in the sound at the same musical interval and give the sound a greater dimension.

This control is set to ON by depressing the bottom of the button.

## ④ SUSTAIN control

Used to provide a sustaining effect in the sound. The sound does not fade immediately even when you remove your fingers from the keys just like an ordinary piano.

This control is set to ON by depressing the bottom of the button.

## ⑤ GRAPHIC EQUALIZER

This allows the tones of the piano or harpsichord to be adjusted in five separate frequency ranges (90Hz, 220Hz,

560Hz, 1400Hz and 3500Hz).

By altering one of the frequency bands, it is possible to create many tonal variations. The further the levers are moved up (toward +), the more the frequencies are emphasized and the further they are moved down (toward -), the more the frequencies are attenuated.

## ⑥ Tone buttons

There are four buttons, PIANO 1 and PIANO 2, and HARPSICHORD 1 and HARPSICHORD 2. The controls are set to ON by depressing the bottom of the button.

It is possible not only to use each of the four tones independently but also to depress two or more buttons and mix the sound.

## ⑦ VOLUME control

Used to adjust the overall sound level. When rotated clockwise (toward 10), the volume increases and conversely when rotated counterclockwise (toward 0), the volume decreases.

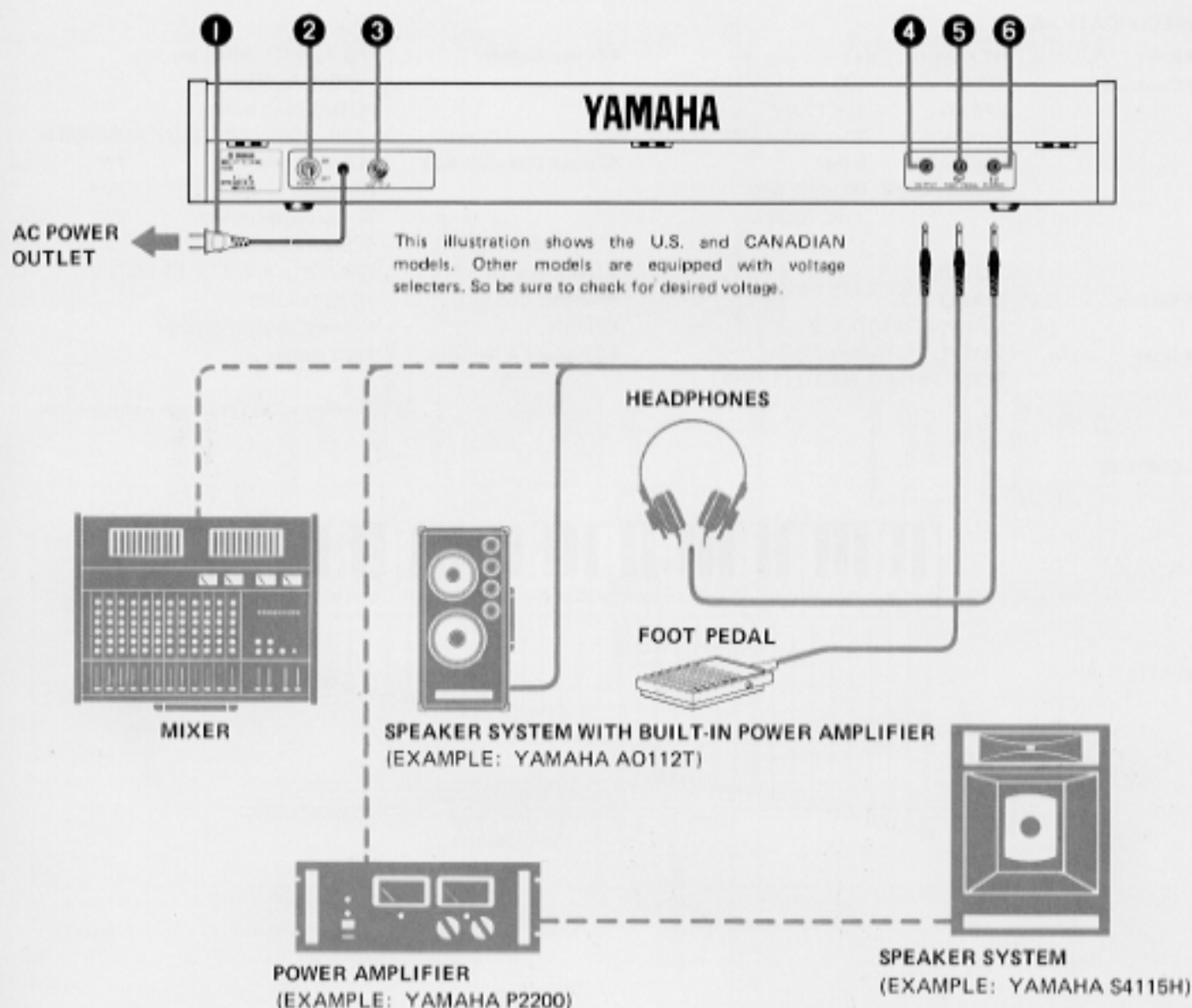
## ⑧ Power indicator

When the rear panel power switch is turned on, this red light-emitting diode lights up to indicate that power is being supplied. It goes off when the power switch is turned off.

## ⑨ KEY

There are a total of 61 keys altogether on the CP10. This allows you to play a great variety of tunes and complement the unit's many effects and functions.

## REAR PANEL AND CONNECTIONS



### 1 Power cord

Connect this to an AC power outlet.

### 2 POWER switch

At the ON position power is supplied to the unit, the power indicator ① on the front panel lights. At the OFF position, the power is switched off.

### 3 FUSE holder

When the fuse blows, be sure to replace with the same type fuse.

If the new fuse, used to replace a blown fuse, also blows, it means that there is trouble inside the unit. In cases like this, contact your nearest YAMAHA dealer.

### 4 OUTPUT jacks

These are used to feed out the output signals of the unit. Connect them to the power amplifier, speakers contain-

ing a power amplifier or mixer.

\* The unit's output level is  $-10\text{dBm}$  and its impedance is 600 ohms.

### 5 FOOT PEDAL

By connecting the accessory foot pedal, it is possible to control the tremolo and sustain effect with your foot. When the front panel TREMOLO ① and SUSTAIN ② controls are set to ON, the tremolo and sustaining effects can be switched on and off using the foot pedal.

### 6 PHONES jack

Used when listening to the sound without connecting the speaker system or when monitoring one's own sound during the performance.

Adjust the volume of the headphones using the front panel VOLUME control ⑦.

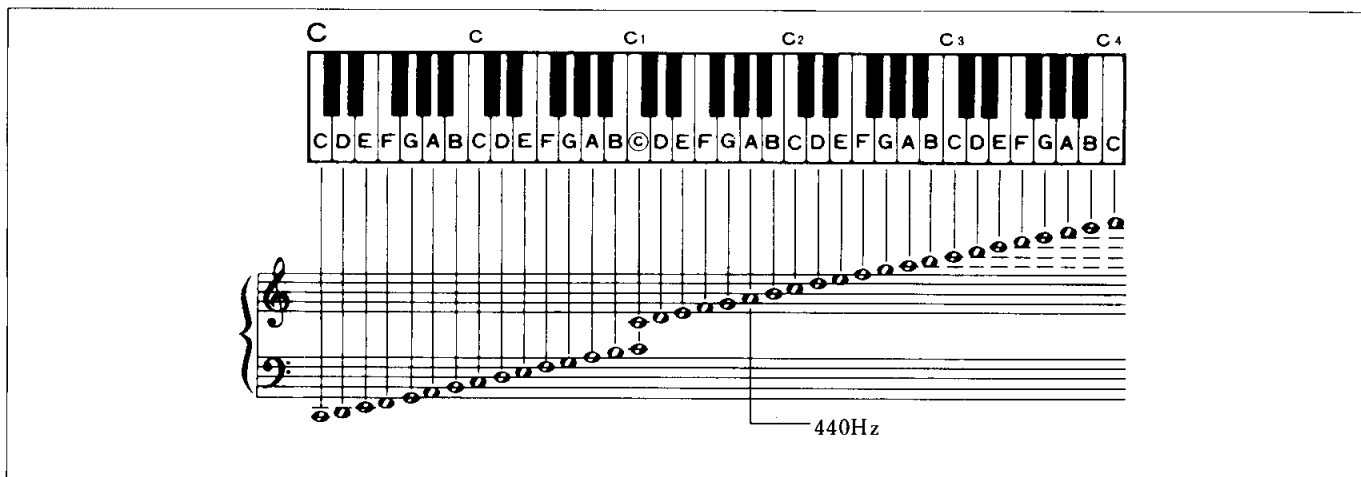
# SPECIFICATIONS COMPASS

## SPECIFICATIONS

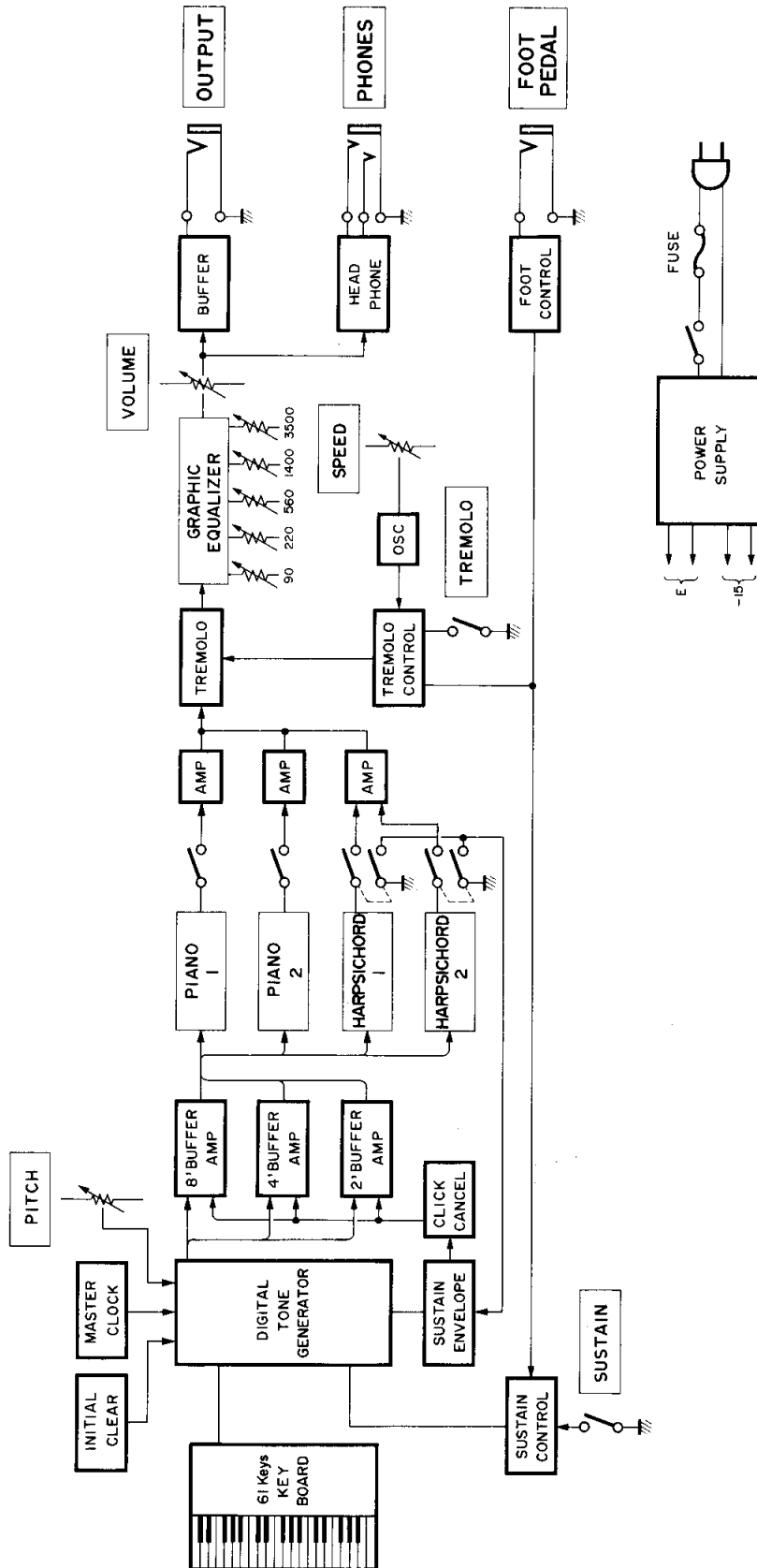
- Keys . . . . . 61 Keys (C ~ C<sub>4</sub>)
- Controls . . . . .
  - PITCH 435 Hz ~ 452 Hz
  - SPEED 1 ~ 12 Hz
  - TREMOLO 20 ~ 40% (AM)
  - SUSTAIN 5 sec
  - EQUALIZER 90, 220, 560, 1.4k, 3.5kHz ±10dB
  - VOLUME
- Tablets . . . . . PIANO 1, 2  
HARPSICHORD 1, 2
- Jacks . . . . . OUTPUT -10dBm  
FOOT PEDAL, HEAD PHONE
- Power Supply . . . . . U.S.A. & Canadian models  
120V, AC60Hz  
N. European model  
110-120V/220-240V AC50/60Hz
- Power Consumption . . . . . U.S.A. model 7W  
Canadian model 7VA  
N. European model 9W
- Dimensions . . . . . 925 x 116 x 322mm  
(W x H x D) (36-1/2" x 4-1/2" x 12-1/2")
- Weight . . . . . 10 kg (22 lbs)
- Finish . . . . . Rosewood-grain cabinet
- Standard Accessory . . . . . Foot pedal

*Specifications subject to change without notice.*

## COMPASS



# BLOCK DIAGRAM



SINCE 1887  **YAMAHA**  
NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN