

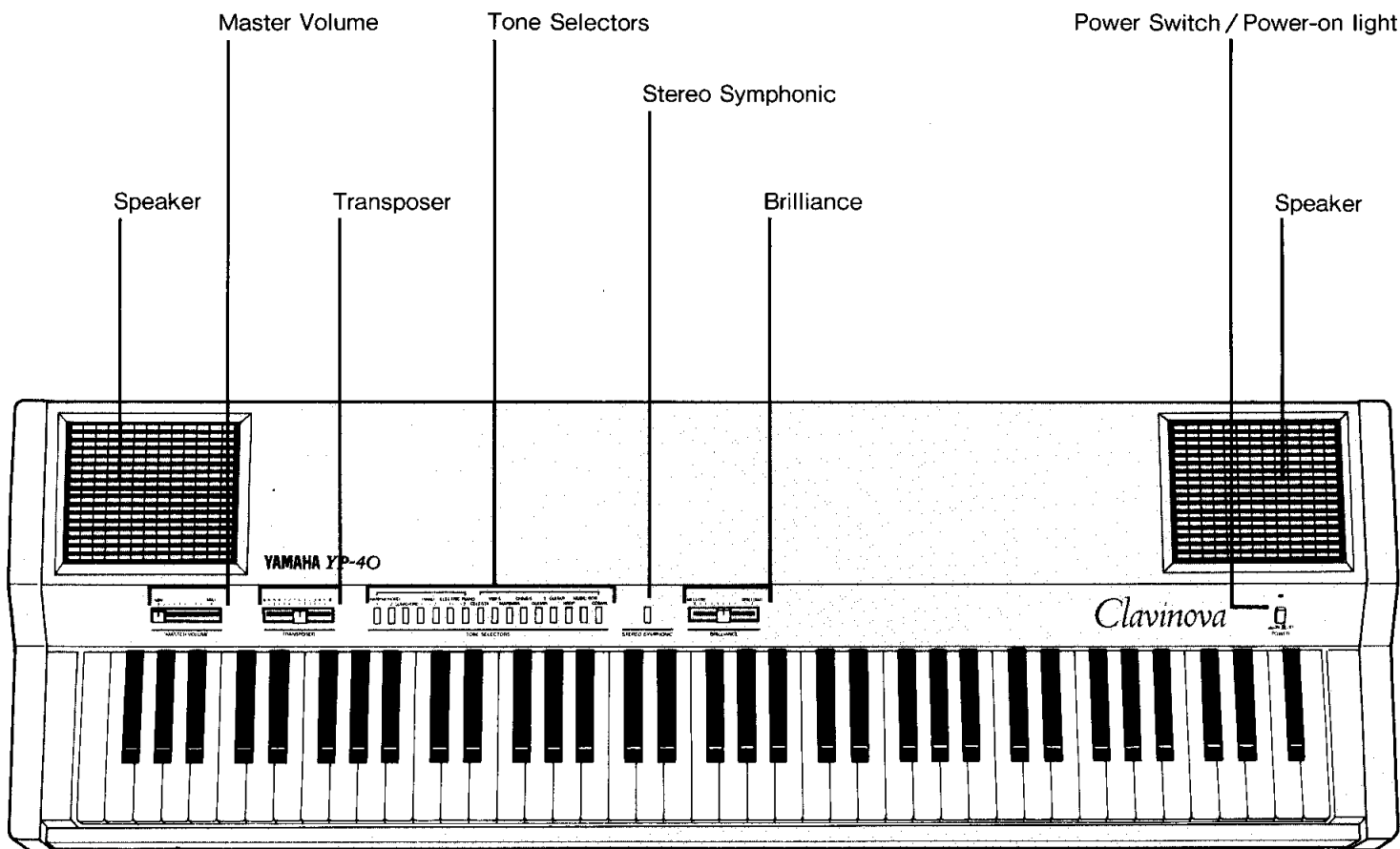
*Clavinova*

# YP-40

/ Owner's Manual / Bedienungsanleitung /  
/ Manuel de L'utilisateur / Manual del Propietario / Instruktionsbok /

**YAMAHA**

# YP-40



## Specifications/Technische Daten/Caractéristiques Techniques/Especificaciones/Specifikationer

### KEYBOARD

76 keys E<sub>0</sub> ~ G<sub>6</sub>

### TONE SELECTORS

Harpsichord 1, Harpsichord 2, Clavichord, Piano 1, Piano 2, Electric Piano 1, Electric Piano 2, Chimes, Vibes, Marimba, Guitar, Electric Guitar, Harp, Celesta, Music Box, Cosmic

### EFFECTS

Stereo Symphonic, Brilliance

### PEDAL CONTROLS

Damper

### MAIN CONTROLS

Master Volume, Transposer, Power Switch, Power-on light

### OTHER FITTING

Stereo Headphones jack, AUX.OUT L·R jack, AUX.IN jack, Pitch Control, Music Rest, Dust Cover

### MAIN AMPLIFIER

5W x 2 (4Ω Imp.)

### SPEAKERS

12cm (4¾") x 2

### CIRCUITRY

Solid State (incl. LSIs and CIs)  
Power Consumption: See Clavinova Nameplate  
Power Source: 50/60 Hz AC

### DIMENSIONS

Width: 117.3cm (46½")  
Depth: 37.5cm (14¾")  
Height: 15.3cm (6")

### WEIGHT

28kg. (61.6 lbs.)

### FINISH

Pecan Pattern Finish

## Introduction

Clavinova YP-40 is an epoch-making keyboard created out of a superb command of innovative technology by YAMAHA, established maker of fine musical instruments.

The main features of this keyboard are:

- High quality sound: Made possible through the application of FM sound source on musical instruments, a concept pioneered by YAMAHA.
- Touch Control Function: Variation in both tone and volume, depending on the strength with which keys are hit.
- Rich tone diversity: 16 tones on YP-40.

This manual explains the correct use of the Clavinova. Please read it thoroughly as you play and experiment with the instrument.

## Einführung

Clavinova YP-40 von YAMAHA, dem bekannten Hersteller hochentwickelter Musikinstrumente, stellt mit Ihrer überragenden innovativen Technologie einen Meilenstein in der Entwicklung der Tasteninstrumente dar.

Bei der technischen Ausstattung dieses Tasteninstrumentes sind folgende technischen Neuerungen hervorzuheben:

- Qualitativ hochwertiger Klang: Dieser wird durch die Verwendung von FM-Klangquellen für Musikinstrumente ermöglicht, bei deren Einführung YAMAHA Pionierarbeit geleistet hat.
- Drucksteuerung: Sowohl Klangfarbe als auch Lautstärke können in Abhängigkeit von der Stärke des Anschlags der Tasten variiert werden.
- Reiche Klangvielfalt: 16 Register auf der YP-40.

Diese Bedienungsanleitung erklärt Ihnen den richtigen Gebrauch der Clavinova. Bitte lesen Sie sie sorgfältig durch, wenn Sie mit dem Instrument spielen oder experimentieren.

## Introduction

Le clavier Clavinova YP-40 est un instrument haut-de-gamme héritier de la grande tradition des claviers YAMAHA où les perfectionnements technologiques s'allient aux qualités musicales les plus incomparables.

Ce clavier se distingue par les caractéristiques suivantes:

- La mise en application des sources sonores en modulation de fréquence sur les instruments de musique a permis à YAMAHA de rendre des sons d'une qualité incomparable tout en ouvrant la voie d'une technologie nouvelle.
- Une fonction de commande tactile offre la possibilité de faire varier à la fois la tonalité et le volume en fonction de la force de frappe du musicien.
- Grande variété de tonalités disponibles: 16 tonalités sur le YP-40.

Ce mode d'emploi est aussi un manuel d'initiation au Clavinova. Prière de le lire attentivement à mesure que l'on progresse dans la maîtrise de l'instrument.

## Introducción

El Clavinova YP-40, es un nuevo instrumento de teclado, creado por la innovadora y magnífica tecnología YAMAHA, reconocido fabricante de excelentes instrumentos musicales.

Las características principales de este instrumento son:

- Alta fidelidad musical lograda mediante la aplicación de las bases del sonido FM en los instrumentos. Nuevo concepto introducido por YAMAHA.
- Variación del sonido tanto en el tono como en el volumen de acuerdo a la presión que se ejerce sobre las teclas al tocar.
- Una variedad de 16 tonos en el YP-40.

Este manual le indicará el uso correcto del Clavinova. Le sugerimos lea cuidadosamente las siguientes instrucciones antes de empezar a tocarlo y compruebe las maravillosas características de su instrumento.

## Introduktion

Clavinova YP-40 är ett epokgörande klaviaturinstrument som kunnat skapas tack vare YAMAHAS ledande position som uppfinnare av unik teknologi och etablerad tillverkare av förnämliga musikinstrument.

De väsentliga fördelarna med detta instrument är:

- Hög ljudkvalitet: Denna har blivit möjlig genom att använda FM teknik som ljudkälla, en konstruktion där YAMAHA är pionjär.
- Anslagskänsligt: Man erhåller variation både i klangfärg och volym, beroende på hur hårt tangenterna anslås.
- Mångfald av toner: YP-40 kan återge 16 toner samtidigt.

Denna instruktionsbok beskriver det korrekta handhavandet av Clavinova. Läs den noggrant samtidigt som Du spelar och experimenterar med instrumentet.

## Contents

Page

Before Playing .....	1
To Start Playing .....	1
Effects and Controls .....	1
Accessory Jacks and Optional Items .....	2
Taking Care of Your Clavinova .....	3
Important Advice .....	3
FCC Certification (USA) .....	16

## Inhaltsverzeichnis

Seite

Ehe Sie zu spielen beginnen .....	4
Spielbeginn .....	4
Effekte und Regler .....	4
Zubehörbuchsen und Sonderzubehör .....	5
Pflege Ihrer Clavinova .....	6
Wichtige Hinweise .....	6

## Table des matières

Page

Avant de jouer .....	7
Mise en œuvre de l'instrument .....	7
Effets et commandes disponibles .....	7
Prises accessoires et équipements disponibles en option .....	8
Soins du Clavinova .....	9
Quelques conseils précieux .....	9

## Contenido

Página

Antes de empezar a tocar .....	10
Para empezar a tocar .....	10
Efectos y Controles .....	10
Receptáculo para los Accesorios y Artículos Opcionales .....	11
Cuidado de su Clavinova .....	12
Aviso importante .....	12

## Innehåll

Seite

Innan Du börjar spela .....	13
När man börjar spela .....	13
Effekter och kontrollor .....	13
Anslutningar och extra tillbehör .....	14
Skötsel av Din Clavinova .....	15
Viktiga tips .....	15

## BEFORE PLAYING

### ● Check for correct power voltage.

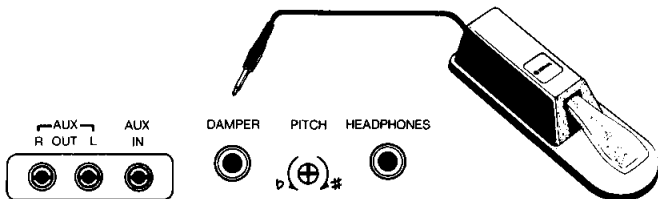
Consult your Yamaha serviceman regarding any changes. The Power Voltage is indicated on the Name Plate at the back side of Clavinova.

### ● Attaching the music rest.

Insert the music rest into the 2 holes at the Clavinova's back side.

### ● Connecting the Damper Pedal.

To add reverberation to the sound, the Foot Switch Pedal (FC-4) with a damper effect has been supplied. Connect to the DAMPER jack at the back side of Clavinova.



## TO START PLAYING

First of all, make sure that the plug is firmly inserted in wall power outlet, then:

### 1. Depress the Power Switch.

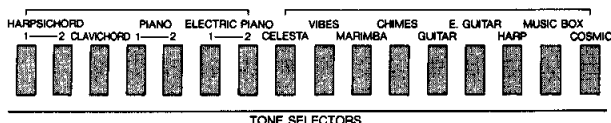
The Power-on light will illuminate.



### 2. Choose the voice you want.

Select the desired voice by depressing one of the tone selectors.

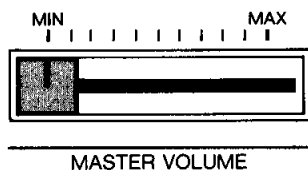
Only one selector may be used at a time, and the other selectors will be released automatically as each new selection is made.



- If no selector is depressed, the HARPSICHORD 1 voice will be automatically selected.

### 3. Adjust the volume.

Adjust the overall volume using the MASTER VOLUME Control.



## EFFECTS AND CONTROLS

### 1) STEREO SYMPHONIC

STEREO SYMPHONIC influences the stereophonic separation of sound to the speakers, providing an orchestralike effect.

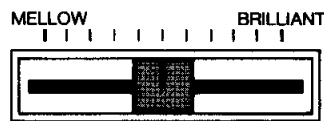
When the STEREO SYMPHONIC button is ON, a chorus effect simulating a rotating speaker is obtained.



STEREO SYMPHONIC

### 2) BRILLIANCE

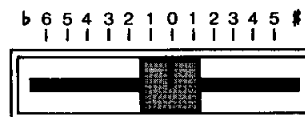
When the BRILLIANCE control lever is at the central position, it assumes a normal position where no effect is obtained. By sliding the lever to MELLOW, a soft tone results, while at BRILLIANT, a bright, flashy sound results.



BRILLIANCE

### 3) TRANSPOSER

The TRANSPOSER lets you adjust the Clavinova's pitch to suit either a singing voice — so anyone can sing along as you play — or an instrument such as a B<sup>b</sup> trumpet, clarinet, or E<sup>b</sup> saxophone.

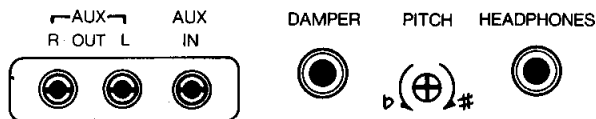


TRANSPOSER

### 4) DAMPER PEDAL

By stepping on the Damper Pedal, a reverberation in the sound is obtained.

# ACCESSORY JACKS AND OPTIONAL ITEMS



## ■ HEADPHONES jack

This jack is used for connecting a pair of stereo headphones. When the headphones are connected, no sound will be produced from the Clavinova's speakers. This allows you the freedom to enjoy playing your instrument at any time without disturbing others. You can also use this jack for connecting monaural headphones.

## ■ Headphones (YH-35) (Optional Item)

Specially designed lightweight dynamic headphones with extra-soft ear pads.



## ■ AUX.OUT LEFT-RIGHT jacks

These jacks are used to connect an amplifier or tone cabinet when a more powerful volume is needed for a performance. Also, by connecting it with the line-in jack of a tape deck, you can record music produced by the Clavinova. If you want to record in stereo, both the LEFT and RIGHT jacks should be connected.

## ■ AUX.IN jack

You can use this jack to play the output of audio or line-level through the Clavinova's speakers while you are performing. Simply plug a connector cord into this jack and the Line Out jack of your tape deck or stereo. Never connect it to an AC power line or to a speaker-level output.

## ■ PITCH Control

This makes minute adjustments in the music interval when ensembling with other instruments

Width of fluctuations:

Clockwise turn: Approximately 447Hz with A3

Counterclockwise turn: Approximately 436Hz with A3

★ Central position: Approximately 440Hz with A3

## ■ DAMPER jack

This jack is for connecting the supplied Foot Switch Pedal (FC-4).

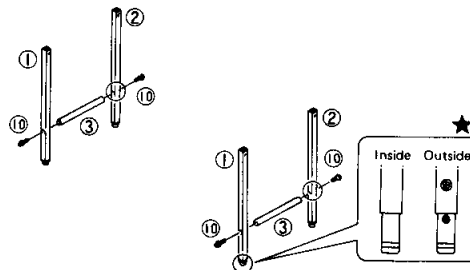
## ■ How to Assemble the Stand (LG-40) (Optional Item)

Fasten each part temporarily using bolts, then fasten securely when assembly of each part has been completed.

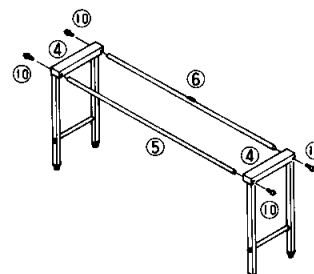
1 For both right and left sides, assemble the front leg (1) and the rear leg (2) with the leg stay (3) and flange bolts (10).

★ The stand of LG-40 is adjustable at two levels. (high-671mm, low-628mm).

Be sure to confirm the direction of holes so that the height adjustment of the front and rear legs is possible from the external side of the stand.

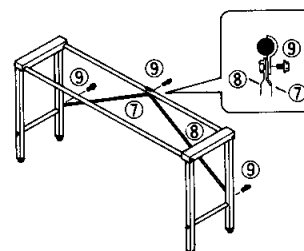


2 Insert the flange bolts (10) from the holes in the stand rest (4) and front and rear legs, and then insert the side stay (5) and the side stay with metal plate (6) into the holes of the stand.



3 Assemble the reinforcement stay (7) and reinforcement stay with nut (8) with the flange bolts (9). Assembly has now been completed.

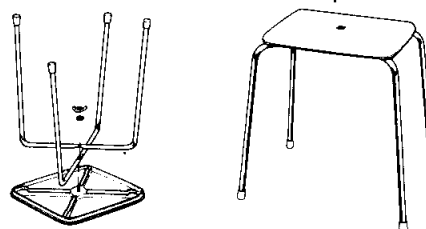
Fasten all bolts securely, and after confirming that the keyboard stand is stable, place the keyboard on top.



## ■ How to Assemble the Chair (BC-3) (Optional Item)

1. Turn the seat portion upside down, and remove the butterfly screw and washer.

2. Mount the two legs into the groove of the seat as shown in the illustration, insert the washer, and tighten the butterfly screw securely.



## TAKING CARE OF YOUR CLAVINOVA

Always treat your Clavinova with the same care you would give to any fine musical instrument. To ensure that your Clavinova always looks and sounds its best, we suggest the following procedures:

- 1) Never touch the internal parts.
- 2) Always turn the power switch OFF after playing, and place a dust cover on the instrument.
- 3) Clean the cabinet and keys of your Clavinova with a wet cloth using only a neutral cleanser. Do not use abrasive, cleaners, waxes, solvents, or chemical dust cloths which may dull the keys or chemically damage the finish.
- 4) Never put any vinyl products on your Clavinova since its external coating reacts chemically to vinyl.
- 5) To protect the cabinet finish and joints, install your Clavinova away from direct sunlight, excess humidity and heat.
- 6) Do not hit or scratch the cabinet with hard objects.

## IMPORTANT ADVICE

*Here's what to do if...*

**1) ...the unit does not operate when the power switch is turned on.**

Check the following.

Is the AC plug properly inserted into the wall power outlet? Reinsert to make sure. Is the outlet functioning properly? If the outlet is functioning but the unit does not work, unplug the cord and contact a qualified YAMAHA service personnel.

**2) ...occasional unpleasant static occurs.**

In most such cases, the cause can be traced to the switching on and off of refrigerators, washing machines, electric pumps, or other household appliances. Electrical malfunctioning of a nearby outdoor neon sign may also be the cause.

If the cause is a malfunctioning neon or fluorescent light, it should be repaired. When the cause cannot be determined, or in case of doubt, contact your YAMAHA dealer.

**3) ...the Clavinova reproduces radio or TV signals.**

This may occur if there is a powerful transmitter such as a radio station in the vicinity. Contact your YAMAHA dealer.

**4) ...the music interferes with radio or TV reception.**

A high-frequency pulse is used for the sound source of the Clavinova, and it may adversely affect radio or TV reception. You are therefore advised to play your Clavinova as far away as possible from radios and TV sets.

**5) ...rattling (sympathetic vibration) occurs.**

All materials have critical resonance frequencies at which they vibrate. The Clavinova's continuous tones will naturally cause other objects (windows, objects on shelves, etc.) to vibrate.

Whenever such difficulties occur, we suggest you move the Clavinova to a more suitable position.

**6) ...sound is distorted.**

When connected to a stereo set, sound may become distorted when the keys of the Clavinova are hit forcefully while the stereo volume is high. Also, due to excessive input into the stereo set, speakers may become damaged. Please turn the volume down to an appropriate level so that no distortion will occur.

- Depending on the type of tone you are using, there may be cases when the sound produced is distorted if the volume is used at the MAX. position. In this case, reduce the sound volume slightly.

## FCC CERTIFICATION (USA)

While the following statements are provided to comply with FCC Regulations in the United States, the corrective measures listed are applicable worldwide.

The digital series of Yamaha Clavinova use frequencies that appear in the radio frequency range, and if installed in the immediate proximity of some types of audio or video devices within three meters (approximately ten feet), interference may occur.

This series of Yamaha Clavinova has been type-tested and found to comply with the specifications set for a class B computer in accordance with those specifications listed in sub-part J, part 15 of the FCC rules. These rules are designed to provide a reasonable measure of protection against such interference. However, this does not guarantee that interference will not occur.

If your Clavinova should be suspected of causing interference with other electronic devices, verification can be made by turning your Clavinova off and on. If the interference continues when your Clavinova is off, the Clavinova is not the source of the interference. If your Clavinova does appear to be the source of the interference, you should try to correct the situation by using one or more of the following measures:

- Relocate either the Clavinova or the electronic device that is being affected by the interference.
- Utilize power outlets for the Clavinova and the device being affected that are on different branch (circuit breaker or fuse) circuits, or install a/c line filters.
- In the case of radio-TV interference, relocate the antenna or if the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact an authorized Yamaha dealer for suggestions and/or corrective measures. If you can not locate an authorized Yamaha dealer in your general area, please contact the Electone™ Service Department, Yamaha International, 6600 Orangethorpe Ave., Buena Park, CA 90620, U.S.A.

If for any reason, you should need additional information relating to radio or TV interference, you may find a booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve radio-TV Interference Problems." This booklet, Stock #004-000-00345-4, is available from the U.S. Government Printing Office, Washington D.C. 20402.

SINCE 1887



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NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN