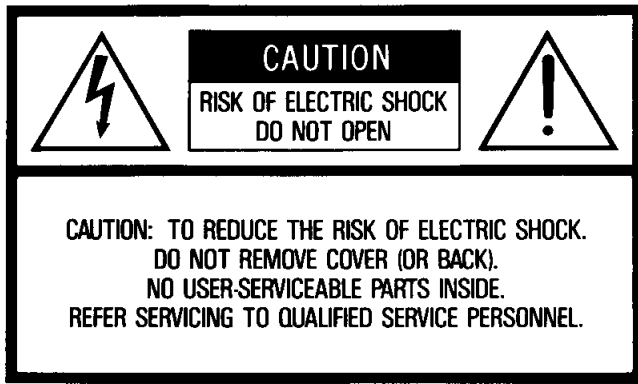


Clavinova

CLP-100

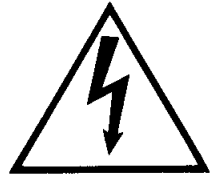
Owner's Manual
Bedienungsanleitung
Mode d'emploi
Manual de instrucciones

YAMAHA



Explanation of Graphical Symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

INFORMATION RELATING TO POSSIBLE PERSONAL INJURY, ELECTRIC SHOCK, AND FIRE HAZARD POSSIBILITIES HAS BEEN INCLUDED IN THIS LIST.

WARNING—When using electronic products, basic precautions should always be followed, including the following:

1. Read all Safety and Installation Instructions, Explanation of Graphical Symbols, and assembly instructions (where applicable) BEFORE using your Yamaha electronic product. Check unit weight specifications before you attempt to move this instrument!

2. Main Power Supply Verification: Your Yamaha electronic product has been manufactured specifically for the main supply voltage used in your area. If you should move, or if any doubt exists, please contact your dealer for instructions. The main supply voltage required by your electronic product is printed on the name plate. For name plate location, see Before Playing item.

3. This product may be equipped with a polarized line plug (one blade wider than the other). If you are unable to insert the plug into the outlet, contact an electrician to have your obsolete outlet replaced. Do NOT defeat the safety purpose of the plug. Yamaha products not having polarized plugs incorporate construction methods and designs that do not require line plug polarization.

4. **WARNING**—Do NOT place objects on your electronic product's power cord or place the unit in a position where anyone could trip over, walk over, or roll anything over cords of any kind. Do NOT allow your electronic product or its bench to rest on or be installed over cords of any type. Improper installations of this type create the possibility of a fire hazard and/or personal injury.

5. Environment: Your electronic product should be installed away from heat sources such as a radiator, heat registers and/or other products that produce heat. Additionally, the unit should not be located in a position that exposes the cabinet to direct sunlight, or air currents having high humidity or heat levels.

6. Your Yamaha electronic product should be placed so that its location or position does not interfere with its proper ventilation.

7. Some Yamaha electronic products may have benches that are either a part of the product or supplied as an optional accessory. Some of these benches are designed to be dealer assembled. Please make sure that the bench is stable before using it. The bench supplied by Yamaha was designed for seating only. No other uses are recommended.

8. Some Yamaha electronic products can be made to operate with or without the side panels or other components that constitute a stand. These products should be used only with the components supplied or a cart or stand that is recommended by the manufacturer.

9. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

10. Do not use your Yamaha electronic product near water or in wet environments. For example, near a swimming pool, spa, or in a wet basement.

11. Care should be taken so that objects do not fall, and liquids are not spilled, into the enclosure through openings.

12. Your Yamaha electronic product should be serviced by a qualified service person when:

- The power-supply cord or plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the product; or
- The product has been exposed to rain; or
- The product does not operate, exhibits a marked change in performance; or
- The product has been dropped, or the enclosure of the product has been damaged.

13. When not in use, always turn your Yamaha electronic product "OFF". The power-supply cord of the product should be unplugged from the outlet when it is to be left unused for a long period of time. Notes: In this case, some units may lose some user programmed data. Factory programmed memories will not be affected.

14. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

15. Electromagnetic Interference (RFI). This series of Yamaha electronic products utilizes digital (high frequency pulse) technology that may adversely affect Radio/TV reception or the operation of other devices that utilize digital technology. Please read FCC Information (Page 16) for additional information.

PLEASE KEEP THIS MANUAL
FOR FUTURE REFERENCE!

Introduction

We would like to express our thanks for your purchase of the Yamaha Clavinova CLP-100. These instruments have the following features.

- 8 vivid voices using FM (Frequency Modulation) Tone Generation.
- Expression which can be varied via the touch sensitive keys, similar to an acoustic piano.
- MIDI for increased versatility and enjoyment.

In order to get the most from these instruments, we advise you to read this manual while actually seated at the Clavinova.

Einleitung

Herzlichen Glückwunsch zum Kauf des Yamaha Clavinova CLP-100. Diese Instrumente haben die folgenden Merkmale.

- 8 lebendige Stimmen mit FM-(Frequenzmodulation) Tonerzeugung.
- Musikalischer Ausdruck, der mit den druckempfindlichen Tasten, ähnlich wie beim Klavier, beeinflusst werden kann.
- MIDI für mehr Vielseitigkeit und Spielfreude.

Um diese Instrumente voll ausnutzen zu können, raten wir an, diese Bedienungsanleitung zu lesen, während Sie schon am Clavinova sitzen.

Avant-propos

Avant tout, merci d'avoir porté votre choix sur le Clavinova CLP-100. Les caractéristiques de ce modèle sont les suivantes.

- 8 tonalités générées par système à modulation de fréquence (FM).
- Expression variable par l'action de touches sensibles comme on en trouve sur les pianos acoustiques.
- Option MIDI diversifiant les choix d'applications et le plaisir de l'exécutant.

Pour obtenir de ces instruments le meilleur de leurs performances, prière de lire attentivement ce mode d'emploi en veillant à ne jamais séparer l'étude de la pratique.

Introducción

Muchas gracias por haber adquirido el Clavinova CLP-100 Yamaha. Estos instrumentos poseen las características siguientes.

- 8 voces vívidas que emplean la generación de tonos de FM (modulación en frecuencia.)
- Expresión, que puede variarse mediante teclas sensibles al tacto, similar a la de un piano acústico.
- MIDI para aumentar la versatilidad y el placer musical.

Para sacar el mayor partido posible de estos instrumentos, le aconsejamos que lea este manual sentado ante su Clavinova.

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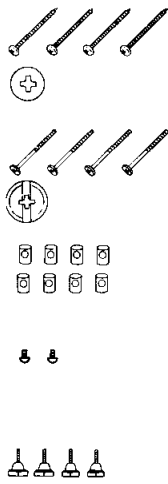
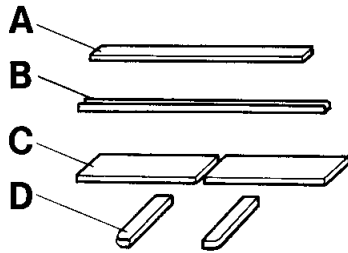
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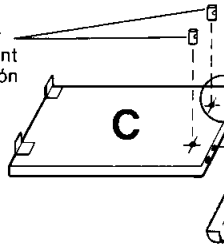
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1

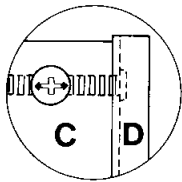
- Long screws (gold) 4 pcs.
- Lange Schrauben (Gold) 4 St.
- Vis longues (or), 4 pièces
- Tornillos largos (dorados), 4 piezas
- Long screws (bronze) 4 pcs.
- Lange Schrauben (Bronze) 4 St.
- Vis longues (bronze), 4 pièces
- Tornillos largos (de color bronce), 4 piezas
- Joint connectors 8 pcs.
- Verbindungsstücke 8 St.
- Connecteurs de joint, 8 pièces
- Conectores de unión, 8 piezas
- Short screws (black) 2 pcs.
- Kurze Scharauben (schwarz) 2 St.
- Vis courtes (noires), 2 pièces
- Tornillos cortos (negros), 2 piezas
- Knob bolts 4 pcs.
- Knopfschrauben 4 St.
- Boulons à tête ronde, 4 pièces
- Pernos de perilla, 4 piezas

2

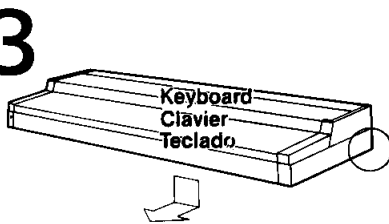
- Joint connectors
- Verbindungsstücke
- Connecteurs de joint
- Conectores de unión



- Long screws (gold)
- Lange Schrauben (Gold)
- Vis longues (or)
- Tornillos largos (oro)



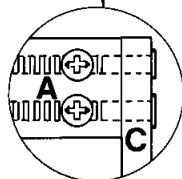
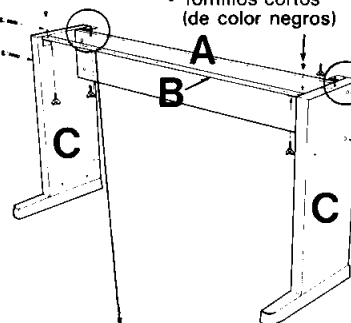
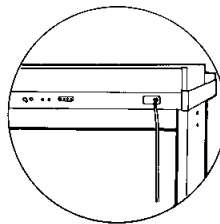
- While watching this side, install the joint connector, making sure the arrow marks on the surface of the connector point in the direction as shown in the illustration.
- Diese Seite betrachten und das Verbindungsstück anbringen. Dabei sicherstellen, daß die Pfeilmarkierungen auf der Oberfläche des Verbindungsstücks in die Richtung weisen, wie sie in der Abbildung gezeigt ist.
- Tout en regardant de ce côté, installer le connecteur de joint en s'assurant que les flèches inscrites pointent dans la direction indiquée dans l'illustration.
- Observando esta parte, instale el conector de unión, asegurándose de que las flechas de la superficie del mismo apunten en el sentido mostrado en la ilustración.

3

- Short screws (black)
- Kurze Schrauben (schwarz)
- Vis courtes (noires)
- Tornillos cortos (de color negros)

- Slip the screws (a) on the rear part of the keyboard bottom into the metal fittings (b) of the top of boards (C).
- Die Schrauben (a) an der Rückseite des Keyboard-Bodenteils in die Metallfassungen (b) an der Oberseite der Platten (C) einführen.
- Faire passer les vis (a) dans la partie arrière du socle du clavier, par les attaches métalliques (b) au dessus des plaques (C).
- Deslice los tronillos (a) de la parte posterior inferior del teclado dentro de los adaptadores metálicos (b) de la parte superior de los tableros (C).

- Long screws (bronze)
- Lange Schrauben (Bronze)
- Vis longues (bronze)
- Tornillos largos (de color bronce)



Rear Side of Board (A)
Install the joint connectors in the holes on the rear side of board (A) as shown in the illustration, making sure the arrow marks on the surface of the connectors point in the direction indicated.

Rückseite der Platte (A)
Die Verbindungsstücke in den beiden Löchern an der Rückseite der Platte (A) wie in der Abbildung gezeigt einbauen und sicherstellen, daß die Pfeilmarkierungen auf der Oberfläche der Verbindungsstücke in die angezeigte Richtung weisen.

Arrière de la plaque (A)
Installer les connecteurs de joint dans les orifices situés à l'arrière de la plaque (A) comme illustré, en s'assurant que les flèches inscrites pointent dans la direction indiquée.

Cara posterior del tablero (A)
Instale los conectores de unión en los orificios de la cara posterior del tablero (A), como se muestra en la ilustración, asegurándose de que las flechas de la superficie de los mismos apunten en el sentido indicado.

Assembly Instructions for Keyboard Stand Zusammenbauanleitung für den Keyboard- Instructions pour le montage du support Instrucciones de montaje para el soporte

1

Open the box and remove all the parts. On opening the box, you will find the parts shown in the left illustration. Check to see whether all parts are provided.

2

Connect board (C) to parts (D). Install the joint connectors on boards (C) as shown in the left illustration, then secure with the long gold-colored screws.

- * Position the rounded corners of parts (D) as shown in the illustration.
- * If the keyboard and the stand are not packed together, board (C) and parts (D) may already be connected.

1

Den Karton öffnen und alle Teile entnehmen.

Beim Öffnen des Kastens sollten alle in der linken Abbildung gezeigten Teile vorgefunden werden. Prüfen, ob alle Teile mitgeliefert sind.

2

Die Platte (C) mit Teil (D) verbinden. Die Verbindungsstücke auf Platte (C) wie in der linken Abbildung gezeigt einbauen und dann mit den langen goldenen Schrauben befestigen.

- * Die runden Ecken der Teile (D) wie in der Zeichnung dargestellt platzieren.
- * Wenn Tastatur und Ständer nicht zusammen geliefert werden, können Platte (C) und Teile (D) bereits verbunden sein.

1

Ouvrir la boîte et enlever toutes les pièces.

Lorsqu'on ouvre la boîte, l'on trouvera les pièces indiquées dans l'illustration ci-à gauche. Vérifier que toutes les pièces sont fournies.

2

Connecter la plaque (C) à la pièce (D). Installer les connecteurs de joint sur la plaque (C) comme illustré ci-à gauche, puis fixer avec les vis longues dorées.

- * Placer les coins arrondis des pièces (D) comme illustré.
- * Si le clavier et le support ne sont pas emballés ensemble, il se peut que les panneaux (C) et (D) soient déjà réunis.

1

Abra la caja y extraiga todas las piezas. Dentro de la caja encontrará las piezas mostradas en la ilustración de la izquierda. Compruebe si están todas las piezas.

2

Conecte el tablero (C) a la pieza (D). Instale los conectores de unión en el tablero (C) como se muestra en la ilustración de la izquierda, y después asegúrelo con los tornillos largos dorados.

- * Coloque las esquinas redondeadas de las piezas (D) como se muestra en la ilustración.
- * Si el teclado y el soporte no se envían en la misma caja, es posible que las piezas (C) y (D) ya estén conectadas.

Ständer de clavier del teclado

**The keyboard stand (LW-60) is optional in some regions.
*Der Tastaturständer (LW-60) ist in einigen Gebieten Sonderzubehör.
*Dans certains pays, le support de clavier LW-60 est un accessoire disponible en option.
El soporte del teclado (LW-60) es opcional para ciertas regiones.

- 3** (1) **Connect boards (A) and (C).**
Install the joint connectors on the rear side of the board (A) as shown in the left illustration, making sure the arrow marks on the surface of the connectors point in the indicated direction, then secure board (A) with the 4 long bronze-colored screws.
- (2) **Connect boards (C) and stay (B).**
Connect boards (C) and stay (B), securing them firmly with the 2 short screws (black).
- (3) **Slip in the keyboard.**
Place the keyboard on boards (C) so that the screws (a) on the rear bottom part come to rest slightly behind the metal fittings (b) on top of boards (C), then pull the keyboard forward, slipping the screws on its bottom into the fittings to secure it.

Finally, align board (A), the holes in the metal fittings of boards (C) and the holes in the keyboard so you can insert the knob bolts and then securely tighten these bolts.

* *To make sure that all connections have been made properly, check each screw and knob bolt once again for secure fit.*

- 3** (1) **Die Platten (A) und (C) verbinden.**
Die Verbindungsstücke an der Rückseite der Platte (A) wie in der linken Abbildung gezeigt einbauen und sicherstellen, daß die Pfeilmarkierungen auf der Oberfläche der Verbindungsstücke in die angezeigte Richtung weisen und dann die Platte (A) mit den 4 langen bronzefarbenen Schrauben befestigen.
- (2) **Die Platten (C) und strebe (B) verbinden.**
Die Platten (C) und strebe (B) verbinden und fest mit den 2 kurzen Schrauben (schwarz) befestigen.
- (3) **Das Keyboard einschieben.**
Das Keyboard auf den Platten (C) plazieren, so daß die Schrauben (a) auf der Rückseite des Keyboard-Bodenteils kurz hinter den Metallfassungen (b) an der Oberseite der Platten (C) zur Ruhe kommen. Dann das Keyboard nach vorne ziehen, die Schrauben auf der Bodenseite in die Fassungen schieben und festziehen.

Schließlich die Platte (A), die Löcher in den Metallfassungen der Platten (C) und die Löcher im keyboard angleichen, so daß die Knopfschrauben eingeführt werden können. Dann diese Schrauben fest anziehen.

* *Um zu gewährleisten, daß alle Verbindungen richtig hergestellt worden sind, jede Schraube und jeden Knopf erneut im Hinblick auf festen Sitz überprüfen.*

- 3** (1) **Connecter les plaques (A) et (C).**
Installer les connecteurs de joint à l'arrière de la plaque (A), comme illustré ci-à gauche, en s'assurant que les flèches inscrites pointent dans la direction indiquée, puis fixer la plaque (A) avec les 4 vis longues de couleur bronze.
- (2) **Connecter les plaques (C) et le support (B).**
Connecter les plaques (C) et le support (B) en les fixant fermement avec les 2 vis courtes (noires).
- (3) **Introduire le clavier.**
Placer le clavier sur les plaques (C) de telle façon que les vis (a) de la partie arrière soient situées derrière les attaches métalliques au-dessus des plaques (C), puis tirer vers l'avant le clavier, en faisant passer les vis par l'arrière dans les attaches pour le fixer.

Finalement, aligner la plaque (A), les orifices dans les attaches métalliques des plaques (C) et les orifices dans la claviers de façon à pouvoir insérer les boulons à tête pleine et de fixer fermement ces boulons.

* *Pour s'assurer que toutes les connexions ont été correctement effectuées, vérifier à nouveau que chaque vis et boulon à tête pleine soit fermement en place.*

- 3** (1) **Conecte los tableros (A) y (C).**
Intale los conectores de unión en la cara posterior del tablero (A), como se muestra en la ilustración de la izquierda, asegurándose de que las flechas de la superficie de los mismos apunten en el sentido indicado, y después asegure el tablero (A) con los 4 tornillos largos de color bronce.
- (2) **Conecte los tableros (C) y el epoyo (B).**
Conecte los tableros (C) y el epoyo (B) asegurándolos firmemente con los 2 tornillos cortos (negros).
- (3) **Deslice el teclado hacia adentro.**
Coloque el teclado sobre los tableros (C) de forma que los tornillos (a) de la parte posterior inferior descansen ligeramente sobre los acopladores metálicos (b) de los tableros superiores (C), y después tire del teclado hacia adelante, deslizando los tornillos de su parte inferior dentro de tales acopladores para asegurarlo.

Finalmente, alinee el tablero (A) los orificios de los acopladores metálicos de los tableros (C), y los orificios del teclado de forma que pueda insertar los pernos de perilla, y después apriete firmemente tales pernos.

* *Para asegurarse de que todas las conexiones sean correctas, vuelva a comprobar si todos los tornillos y pernos de perilla están firmemente apretados.*

BEFORE PLAYING

- **Check for correct power voltage.**
The main Power Voltage is indicated on the Name Plate on the back of the Clavinova. In some market areas, a voltage selector may be included. This will be located on the bottom of the Clavinova. Your Clavinova has been set for the voltage in your area. Consult a qualified technician if any doubt exists or a change is required.

- **Attaching the music stand.**
Insert the music stand into the 2 holes in the top board.

- **Connecting the pedals.**
Connect the plug for the Foot Pedal (FC-5) to the DAMPER jack.

TO START PLAYING

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

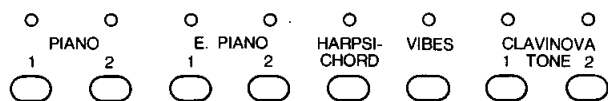
1. Turn the POWER on.



2. Adjust the MASTER VOLUME control.



3. Select the desired voice.



4. Start playing.

It is possible to play as many as 8 notes at the same time.

- **Initial Touch Control**
Your Clavinova has the ability to respond to the touch you use while playing, making possible subtle variations in both tone and timbre. The amount of variation will differ from voice to voice.

*When you play the keyboard strongly, please adjust the volume to a suitable level.

EFFECTS AND CONTROLS

- **STEREO SYMPHONIC**
Pressing this button provides stereo sound with an expansive ambience.

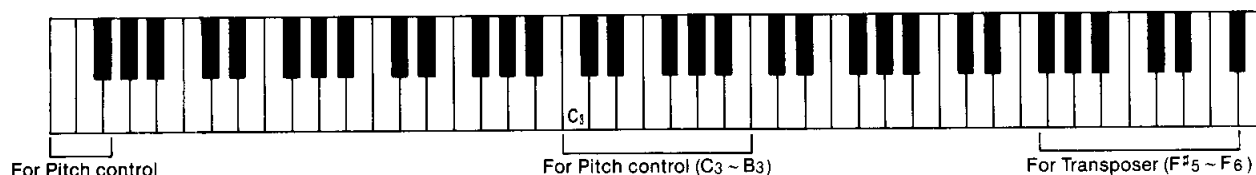


- **Damper**
Pressing the Foot Pedal causes the sound to continue when the key is released, much like an acoustic piano. Damper control is performed with the Foot Pedal (FC-5).

- **TRANSPOSER**
This feature allows you to change the key of the entire instrument in degrees of 1/2 steps.
To raise the key: Hold the TRANSPOSER button and press one of the keys between C#₆ and F₆.
To lower the key: Hold the TRANSPOSER button and press one of the keys between F#₅ and B₅.
When you wish to return to the normal key, hold the TRANSPOSER button and press the C₆ key. Also, when the power is turned off, the instrument will automatically be returned to the normal key.



- **Pitch Control**
This feature allows you to fine tune the pitch of the whole instrument.
To raise the pitch: Hold the lowest and the second lowest white keys and repeatedly strike any of the keys between C₃ and B₃. The pitch will raise about 1.6 cents.
To lower the pitch: Hold the lowest white and black keys and repeatedly strike any of the keys between C₃ and B₃. The pitch will lower about 1.6 cents.
When the power is turned off, the instrument will automatically be returned to normal pitch (A₃ = 440Hz).



ACCESSORY JACKS

● HEADPHONES jack

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

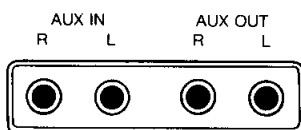


● AUX.OUT L-R jacks

These jacks can be used to connect your Clavinova to an amplifier or another speaker system. Also, by connecting the Clavinova to the LINE IN jacks of a tape deck, you can record music produced by the Clavinova.

● AUX.IN L-R jacks

You can use these jacks to play an external audio source (tape recorder, Portable Keyboard, etc.) through the Clavinova's speakers while you are performing. Simply plug a connector cord into these jacks and the LINE OUT/AUX.OUT jacks of your tape deck, stereo or additional keyboard. The external source must have its own volume level control. Never connect it to an AC power line or to a speaker-level output.



● DAMPER jack

This jack is for connecting the foot-switch (FC-5).

DAMPER



● MIDI OUT/IN connectors

The MIDI (Musical Instrument Digital Interface) terminals conform to the MIDI standard for digital electronic instruments. These jacks enable you to connect your Clavinova to a computer or other MIDI compatible electronic instruments for data communication.



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. Do not repeatedly turn on and off in a short time. If this is done, the unit may not work properly.
2. Never touch the internal parts.
3. Always turn the power switch OFF after playing, and place the dust cover on the instrument.
4. Clean the cabinet and keys of your Clavinova with a slightly dampened 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.
5. Never put any vinyl products on your Clavinova since its external coating reacts chemically to vinyl.
6. To protect the cabinet finish and joints, install your Clavinova away from direct sunlight, excess humidity and heat.
7. Do not hit or scratch the cabinet with hard objects.

IMPORTANT ADVICE

What to do if ...

1) The unit is not activated when the power is turned on. Check the following:

Is the AC plug fully connected to a wall power outlet? Check it again to make sure. Is power supplied from the outlet? If the outlet is live, but the Clavinova does not work, unplug the cord and contact your Yamaha Clavinova dealer.

2) The Clavinova reproduces radio or TV signals.

This can occur if there is a powerful transmitter such as a radio station located in your vicinity. Contact your Yamaha Clavinova dealer.

3) Occasional unpleasant static occurs.

In the majority of such cases, the cause can be traced to the turning on or off of some household appliance.

4) The Clavinova interferes with radio or TV reception.

The high frequency pulses used by the Clavinova may adversely affect TV or radio reception. Please read "FCC INFORMATION" (page 16) for additional information.

5) The sound of the Clavinova is distorted when connected to an auxiliary speaker system.

When connected to an auxiliary speaker system, (home stereo, guitar amplifier, etc.) distortion may occur when the keys are played forcefully while either the volume of the Clavinova or its auxiliary system is too high. In addition, damage to the speakers could result. Please turn the volume down to a level where no distortion occurs.

HOW TO USE MIDI

The MIDI Function

What MIDI can do:

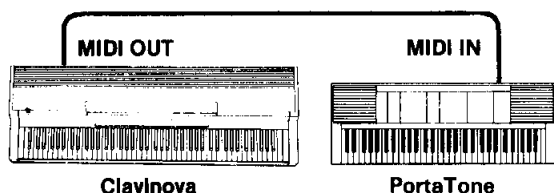
- Transmission/recognition of key on/off data.
- Transmission/recognition of panel voice numbers.
- Transmission/recognition of control for Damper.

Clavinova Connection With Other MIDI Instruments

In the following section you will see how you can actually connect your Clavinova with other MIDI instruments.

■ Playing the Clavinova in ensemble with other keyboards

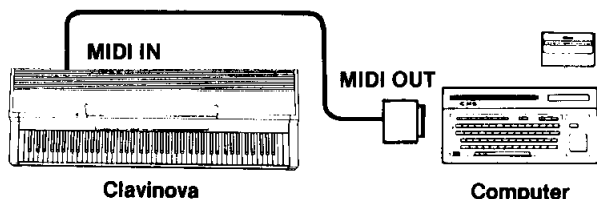
(Example: connected with the PortaTone)



As shown in the diagram above, when the MIDI OUT on the Clavinova is connected to the MIDI IN on the PortaTone, it is possible to produce sound from the PortaTone while playing just the Clavinova. In other words, the information produced by pressing the Clavinova keyboard is instantaneously transmitted to the PortaTone, producing a richer sound. It is also possible to utilize different voices on each instrument. For example, it is possible to combine a piano voice on the Clavinova with the strings voice on the PortaTone so that a solo performer can give a performance similar to a piano concerto. This is just one of the many possible combinations. You can also connect the MIDI OUT terminal of the PortaTone to the MIDI IN terminal of the Clavinova and play from the PortaTone keyboard.

■ Playing the Clavinova With a Computer

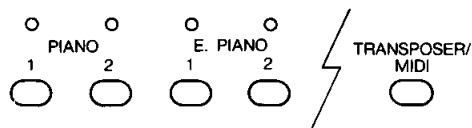
You can get further pleasure from your Clavinova by playing it with a personal computer instead of playing the keys yourself. Whether you use a music software package or program your own software, the Clavinova can be played automatically. In this case, the voices can be freely selected on the control panel to match the mood of the music.



Controlling the MIDI Function

A) With the Power on

- The receiving channel is set to CH 1. However, any channel can be received with OMNI ON. (When the power is turned on, it is automatically set to OMNI ON.)
- Program change is acceptable. (Condition for sending and receiving voice number.)
- The Control Change is the state for sending and receiving control signals for the Damper.



B) Setting transmission channel number:

While pressing the TRANSPOSER/MIDI button, press one of the keys between C₁ and D₂ to set the channel number (see chart below).

C) Switching to OMNI OFF and setting reception channel:

While pressing the TRANSPOSER/MIDI button, press the PIANO 1 button and switch to OMNI OFF. If the button is pressed again, it will be turned ON. Next, while pressing the TRANSPOSER/MIDI button, press one of the keys between C₃ and D₄ to set the channel number (see chart below).

D) Switching to Local OFF:

While pressing the TRANSPOSER/MIDI button, press the PIANO 2 button. If the button is pressed again, it will be turned ON.

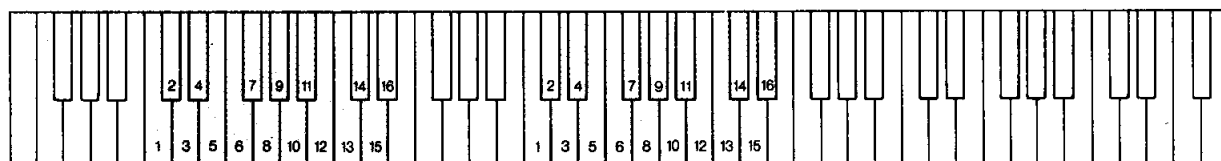
E) Cancelling Program Change (To cancel the transmission of the information to change the voice):

While pressing the TRANSPOSER/MIDI button, press the E.PIANO 1 button. If the button is pressed again, it will be activated.

F) Cancelling Control Change (To cancel the transmission of the information to control the Damper):

While pressing the TRANSPOSER/MIDI button, press the E.PIANO 2 button. If the button is pressed again, it will be activated.

IMPORTANT NOTICE: MIDI instruments and equipment have slightly differing specifications. Refer to the respective MIDI Implementation Charts to determine what is and what is not possible. The MIDI Implementation Chart for your Clavinova is on the final page of this manual.



For setting the sending channel. (C₁ ~ D₂) For setting the receiving channel. (C₃ ~ D₄)

Specifications

Technische Daten

Spécifications

Especificaciones

*Specifications subject to change without notice.
 *Änderungen ohne Vorankündigung vorbehalten.
 *Sous toute réserve de modification des caractéristiques sans préavis.
 *Especificaciones sujetas a cambio sin previo aviso.

CLP-100	
KEYBOARD	76 KEYS (E ₀ ~ G ₆)
VOICE SELECTORS	PIANO 1·2, E. PIANO 1·2, HARPSICHORD, VIBES, CLAVINOVA TONE 1·2
EFFECT	STEREO SYMPHONIC
PEDAL CONTROL	DAMPER
OTHER CONTROLS	MASTER VOLUME, TRANSPOSER (ONE OCTAVE)/MIDI, PITCH, POWER SWITCH
JACKS · CONNECTORS	HEADPHONES, AUX. OUT L-R, AUX. IN L-R, DAMPER, MIDI IN-OUT
MAIN AMPLIFIERS	5W × 2
SPEAKERS	12 cm (4-3/4") × 2
CIRCUITRY	Solid State (incl. LSIs and ICs), Power Source: 50/60Hz AC, Power Consumption: See the nameplate
DIMENSIONS	Width : 121.1 cm (47-2/3") Depth : 46.8 cm (18-2/5") Height : 78.5 cm (31") (with stand) : 15.2 cm (6") (without stand)
WEIGHT	38 kg (83.8 lbs.) (with stand) 27 kg (59.5 lbs.) (without stand)

FCC INFORMATION (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 Service Division, Yamaha Music Corporation, U.S.A., 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.

MIDI Implementation Chart

Version: 1.0

Function		Transmitted	Recognized	Remarks
Basic Channel	Default Changes	1 Channel ○	1 Channel ○	
Mode	Default Messages Altered	Mode 3 × *****	Mode 1 Omni, Poly/Mono ×	
Note Number	True Voice	28~103 *****	28~103 28~103	
Velocity	Note ON Note OFF	○ 90H, v=1~127 × 90H, v=0	○ v=1~127 ×	
After Touch	Key's Ch's	× ×	× ×	
Pitch Bender		×	×	
Control Change	64 67	○ ○	○ ○	Damper Pedal
Program Change	True #	0~7 *****	0~127 0~7	
System Exclusive		×	○	
System Common	Song Pos Song Sel Tune	× × ×	× × ×	
System Real Time	Clock Commands	× ×	× ×	
Aux Messages	Local ON/OFF All Notes OFF Active Sense Reset	× × ○ ×	○ ○ ○ ○	
Notes				

Mode 1: OMNI ON, POLY
Mode 3: OMNI OFF, POLY

Mode 2: OMNI ON, MONO
Mode 4: OMNI OFF, MONO

○: Yes
×: No

