



Digital Piano

YDP-101

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

ENGLISH

DEUTSCH

FRANÇAIS

ESPAÑOL

IMPORTANT

Check your power supply

Make sure that your local AC mains voltage matches the voltage specified on the name plate on the bottom panel. In some areas a voltage selector may be provided on the bottom panel of the main keyboard unit near the power cord. Make sure that the voltage selector is set for the voltage in your area. The voltage selector is set at 240V when the unit is initially shipped. To change the setting use a "minus" screwdriver to rotate the selector dial so that the correct voltage appears next to the pointer on the panel.

WICHTIG

Überprüfung der Stromversorgung

Vergewissern Sie sich vor dem Anschließen an das Stromnetz, daß die örtliche Netzspannung den Betriebsspannungswerten auf dem Typenschild an der Unterseite des Instruments entspricht. In bestimmten Verkaufsgebieten ist das Instrument mit einem Spannungswähler an der Unterseite neben der Netzkabeldurchführung ausgestattet. Falls vorhanden, muß der Spannungswähler auf die örtliche Netzspannung eingestellt werden. Der Spannungswähler wurde werkseitig auf 240 V voreingestellt. Zum Verstellen drehen Sie den Spannungsregler mit einem Schlitzschraubendreher, bis der Zeiger auf den korrekten Spannungswert weist.

IMPORTANT

Contrôler la source d'alimentation

Vérifiez que la tension spécifiée sur le panneau inférieur correspond à la tension du secteur. Dans certaines régions, l'instrument peut être équipé d'un sélecteur de tension situé sur le panneau inférieur du clavier à proximité du cordon d'alimentation. Vérifiez que ce sélecteur est bien réglé en fonction de la tension secteur de votre région. Le sélecteur de tension est réglé sur 240 V au départ d'usine. Pour modifier ce réglage, utilisez un tournevis à lame plate pour tourner le sélecteur afin de mettre l'indication correspondante à la tension de votre région vis à vis du repère triangulaire situé sur le panneau.

IMPORTANTE

Verifique la alimentación de corriente

Asegúrese de que tensión de alimentación de CA de su área corresponde con la tensión especificada en la placa de características del panel inferior. En algunas zonas puede haberse incorporado un selector de tensión en el panel inferior de la unidad del teclado principal, cerca del cable de alimentación. Asegúrese de que el selector de tensión esté ajustado a la tensión de su área. El selector de tensión se ajusta a 240V cuando la unidad sale de fábrica. Para cambiar el ajuste, emplee un destornillador de cabeza "recta" para girar el selector de modo que aparezca la tensión correcta al lado del indicador del panel.

IMPORTANT NOTICE FOR THE UNITED KINGDOM

Connecting the Plug and Cord

IMPORTANT. The wires in this mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL

BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

(2 wires)

- This applies only to products distributed by Yamaha-Kemble Music (U.K.) Ltd.

The serial number of this product may be found on the bottom of the unit. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

Model No.

Serial No.

(bottom)

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep these precautions in a safe place for future reference.



WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

- Do not open the instrument or attempt to disassemble the internal parts or modify them in any way. The instrument contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.
- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- If the power cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the instrument, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the instrument inspected by qualified Yamaha service personnel.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Before cleaning the instrument, always remove the electric plug from the outlet. Never insert or remove an electric plug with wet hands.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.



CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:

- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.
- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.
- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not use the instrument near other electrical products such as televisions, radios, or speakers, since this might cause interference which can affect proper operation of the other products.
- Do not place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected cables.
- When cleaning the instrument, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths. Also, do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.
- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.
- Take care that the key cover does not pinch your fingers, and do not insert a finger or hand in the key cover gap.
- Never insert or drop paper or metallic or other objects between the slits of the key cover and the keyboard. If this happens, immediately turn off the power and remove the electric plug from the outlet and have the instrument inspected by qualified Yamaha service personnel.
- Do not place the instrument against a wall (allow at least 3 cm/one-inch from the wall), since this can cause inadequate air circulation, and possibly result in the instrument overheating.
- Read carefully the attached documentation explaining the assembly process. Failure to assemble the instrument in the proper sequence might result in damage to the instrument or even injury.
- Do not operate the instrument for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

■ USING THE BENCH

- Do not play carelessly with or stand on the bench. Using it as a tool or step-ladder or for any other purpose might result in accident or injury.
- Only one person should sit on the bench at a time, in order to prevent the possibility of accident or injury.
- If the bench screws become loose due to extensive long-term use, tighten them periodically using the included tool.

■ SAVING USER DATA

- Save all data to an external device such as the Yamaha MIDI Data Filer MDF3, in order to help prevent the loss of important data due to a malfunction or user operating error.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the instrument, or data that is lost or destroyed.

Always turn the power off when the instrument is not in use.

* The illustrations and LCD screens as shown in this owner's manual are for instructional purposes only, and may be different from the ones on your instrument.

Introduction

Thank you for choosing a Yamaha YDP-101 Digital Piano. Your YDP-101 is a fine musical instrument that employs advanced Yamaha music technology. With the proper care, your YDP-101 will give you many years of musical pleasure.

- Stereo sampling of the acoustic piano voices offers unmatched realism and expressive power, while the AWM (Advanced Wave Memory) tone generator system offers rich, realistic reproductions of all other voices.
- Piano-like touch response — adjustable in 4 stages — provides extensive expressive control and outstanding playability.
- Dual mode allows 2 voices to be played simultaneously.
- Metronome feature with variable tempo facilitates practice.
- 2-track digital recorder lets you record and play back anything you play on the keyboard.
- MIDI compatibility and a range of MIDI functions make the YDP-101 useful in a range of advanced MIDI music systems.

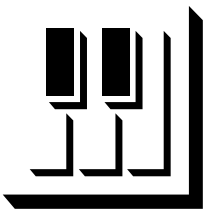
In order to make the most of your YDP-101's performance potential and features, we urge you to read this Owner's Manual thoroughly, and keep it in a safe place for later reference.

Included Accessories

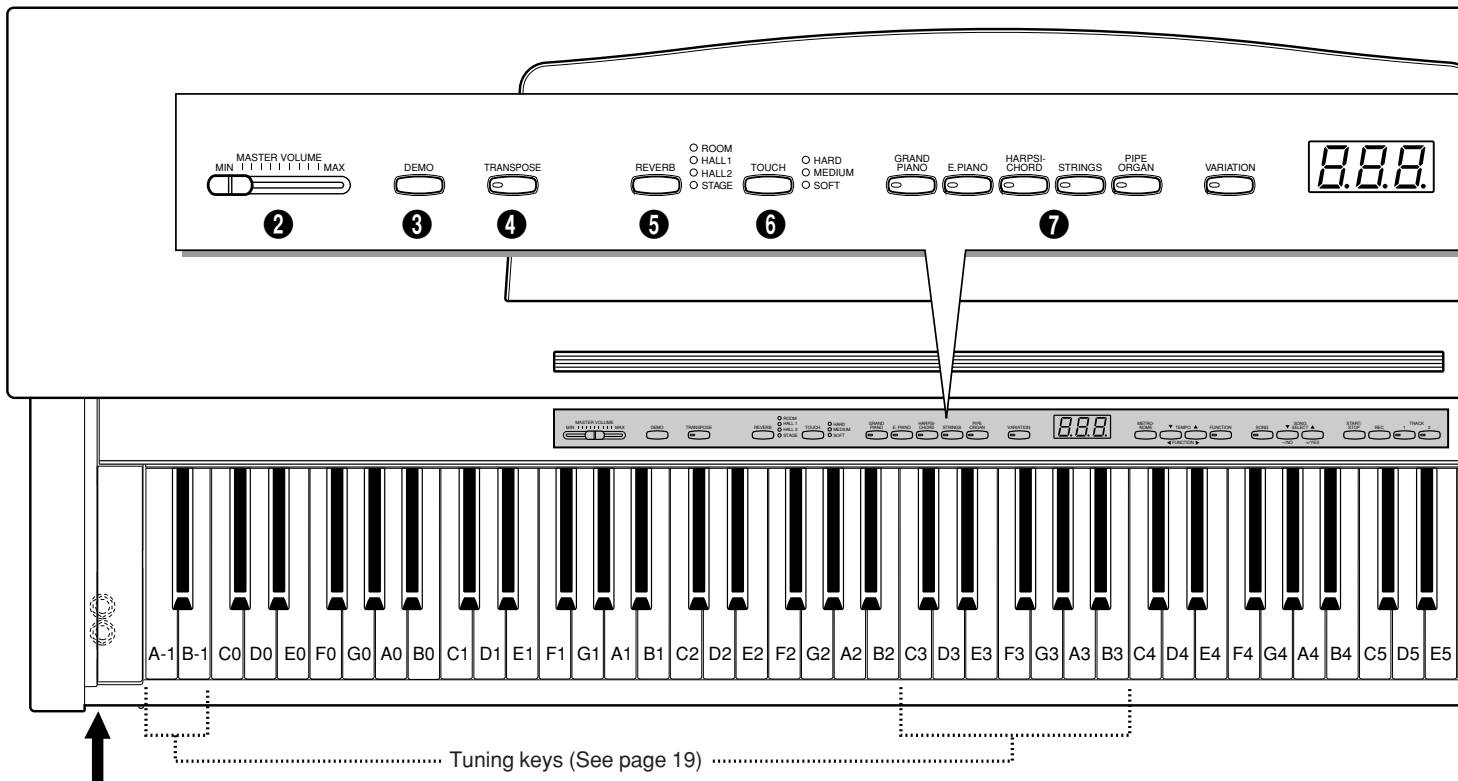
- **Owner's Manual**
- **Bench**
- **Stereo Headphones**

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The Control Panel



PHONES Jacks (Bottom panel) (See page 9)

1 [POWER] Switch

Press the [POWER] switch once to turn the power ON, a second time to turn the power OFF. When the power is initially turned ON, a voice selector LED will light, and the power indicator located below the left end of the keyboard will light.

2 [MASTER VOLUME] Control

The [MASTER VOLUME] control adjusts the volume (level) of sound produced by the YDP-101's internal stereo sound system. The [MASTER VOLUME] control also adjusts headphone volume when a pair of headphones is plugged into the PHONES jack (page 9).

3 [DEMO] Button

Activates the demo playback mode in which you can select playback of different demonstration sequences for each of the YDP-101's voices. See page 11 for details.

4 [TRANPOSE] Button

The [TRANPOSE] button allows access to the YDP-101's TRANSPOSE function (to shift the pitch of the entire keyboard up or down in semitone intervals).

5 [REVERB] Button

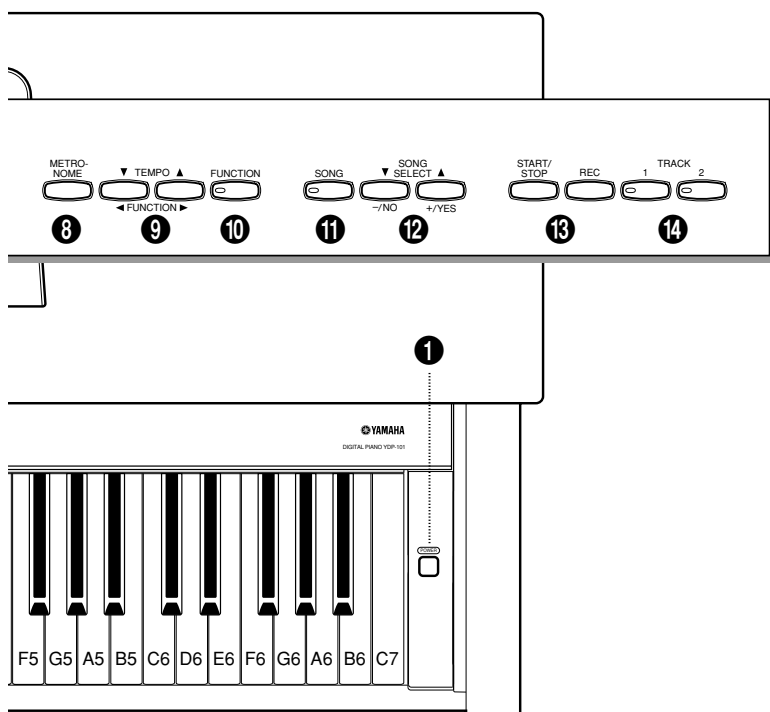
The [REVERB] button selects a number of digital reverb effects that you can use for extra depth and expressive power. See page 16 for details.

6 [TOUCH] Button

The [TOUCH] button makes it easy to adjust the touch response of the YDP-101 to match your playing style. See page 18 for details.

7 Voice Selectors & [VARIATION] Button

Simply press any of the voice selectors to select the corresponding voice. The voice selector LED will light to indicate which voice is currently selected. Press the [VARIATION] button so that its indicator lights to select a variation of the currently selected voice.



There is also a dual mode in which two voices can be played simultaneously across the full range of the keyboard (see page 15 for details).

8 [METRONOME] Button

Turns the metronome sound on and off. The [TEMPO ▼/▲] buttons, below, are used to set the tempo of the metronome sound. The [–/NO] and [+ /YES] buttons are used to change the time signature (beat) of the metronome if used while the [METRONOME] button is held — page 20.

9 [TEMPO ▼/▲] (FUNCTION ◀/▶) Buttons

These buttons adjust the tempo of the metronome function as well as the playback tempo of the recorder function. The tempo range is from 32 to 280 beats per minute — page 20. These same buttons are also used to select functions — page 24.

10 [FUNCTION] Button

This button accesses a range of utility functions — including the MIDI functions — that significantly enhance versatility and playability. See page 24 for details.

11 [SONG] Button

This button enters the Piano Song Mode. While in this mode you can use the [SONG SELECT ▼/▲] buttons to select from 50 songs.

12 [SONG SELECT ▼/▲] (–/NO, +/YES) Buttons

These buttons select a piano song number for playback, and are also used to adjust a range of other parameters (i.e. their “–/NO” and “+/YES” functions).

13 [START/STOP] and [REC] Buttons

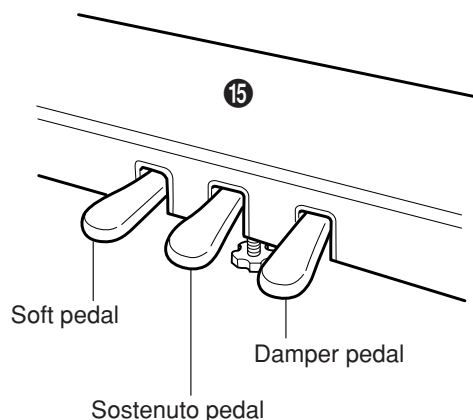
These buttons control the YDP-101’s recorder, letting you record and play back just about anything you play on the keyboard.

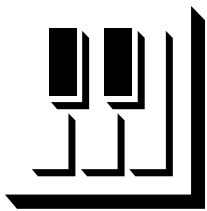
14 TRACK [1] and [2] Buttons

The YDP-101 has a 2-track recorder, and these buttons are used to select the track(s) to be recorded or played back. See page 21 for details.

15 Pedals

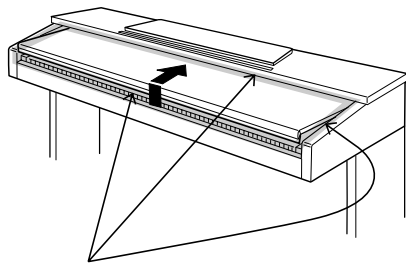
The soft (left), sostenuto (center) and damper (right) pedals provide a range of expressive control capabilities similar to the pedal functions on an acoustic piano. The left pedal can also be assigned to the song start/stop operation. See page 17 for details.



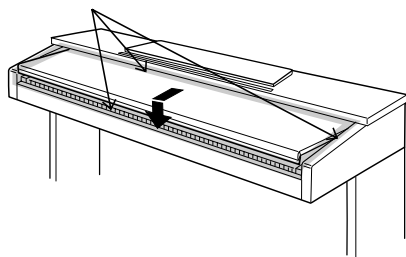


Key Cover & Music Stand

Key Cover



Be careful to avoid catching your fingers when opening or closing the cover.



To open the key cover:

- 1 Lift the cover slightly (not too much).
- 2 Slide the cover open.

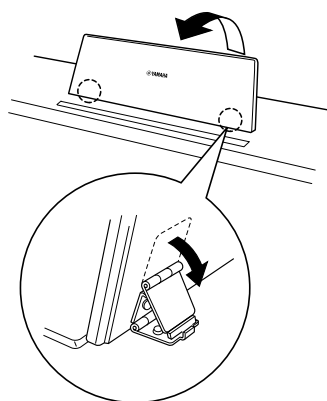
To close the key cover:

- 1 Slide the cover toward you.
- 2 Gently lower the cover over the keys.



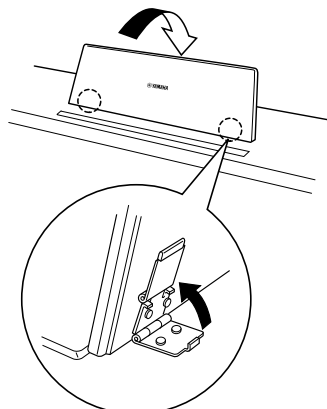
- Hold the cover with both hands when moving it, and do not release it until it is fully opened or closed. Be careful to avoid catching fingers (yours or others) between the cover and main unit.
- Do not place objects on top of the key cover. Small objects placed on the key cover may fall inside the main unit when the cover is opened and may not be able to be removed. This could cause electric shock, short circuit, fire or other serious damage to the instrument.

Music Stand



To raise the music stand:

- 1 Pull the stand up and toward yourself as far as it will go.
- 2 Flip down the two metal supports at the left and the right on the rear of the music stand.
- 3 Lower the music stand so that it rests on the metal supports.

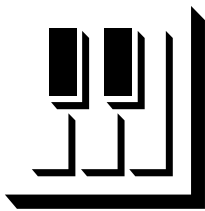


To lower the music stand:

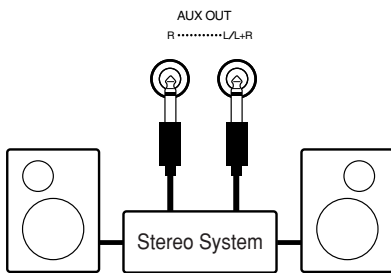
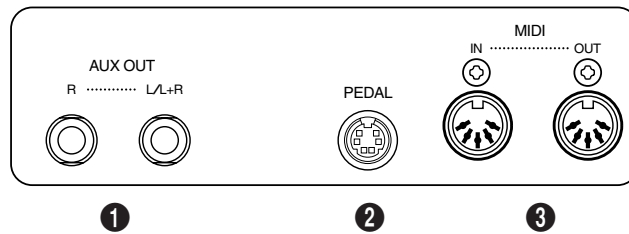
- 1 Pull the music stand toward yourself as far as it will go.
- 2 Raise the two metal supports (at the rear of the stand).
- 3 Gently lower the music stand backward until it is all the way down.



- Do not try to use the music stand in a half-raised position. When lowering the stand, do not release your hands from the music stand until it is all the way down.



Connections



1 AUX OUT L/L+R and R Jacks

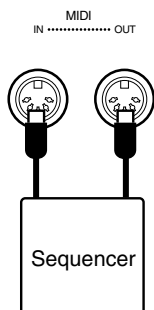
The AUX OUT L/L+R and R jacks deliver the output of the YDP-101 for connection to an instrument amplifier, mixing console, PA system, or recording equipment. If you will be connecting the YDP-101 to a monaural sound system, use only the L/L+R jack. When a plug is inserted into the L/L+R jack only, the left- and right-channel signals are combined and delivered via the L/L+R jack so you don't lose any of the YDP-101's sound.



- The AUX OUT jack signal is not controlled by the YDP-101's volume control. Use the volume control on the external audio equipment to adjust the level.

2 PEDAL Jack

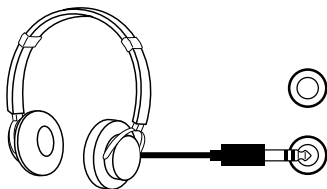
This terminal is for connecting the pedal cord from the pedal box (refer to the "Keyboard Stand Assembly" on pages 40-45).



3 MIDI IN and OUT Connectors

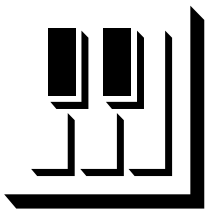
The MIDI IN connector receives MIDI data from an external MIDI device (such as a sequencer or MIDI instrument) which can be used to control the YDP-101. The MIDI OUT connector transmits MIDI data generated by the YDP-101 (e.g. note and velocity data produced by playing the YDP-101 keyboard).

More details on MIDI are given in "MIDI Functions" on page 28.



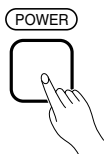
● PHONES Jacks (Bottom Panel)

Two sets of standard stereo headphones can be plugged in here for private practice or late-night playing. The internal speaker system is automatically shut off when a pair of headphones is plugged into either of the PHONES jacks.



Selecting & Playing Voices

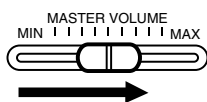
1 Turn Power On



After making sure that the YDP-101's AC cord is properly plugged into the YDP-101 itself and plugged into a convenient AC wall outlet, press the **[POWER]** switch located to the right of the keyboard to turn the power ON. In some areas a plug adaptor may be provided to match the pin configuration of the AC wall outlets in your area.

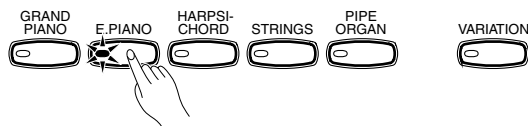
When the power is turned ON, one of the voice selector LEDs will light, and the power indicator located below the left end of the keyboard will light.

2 Set the Volume



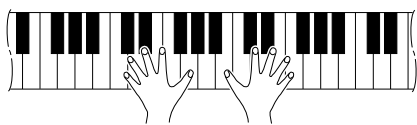
Initially set the **[MASTER VOLUME]** control about half way between the "MIN" and "MAX" settings. Then, when you start playing, re-adjust the **[MASTER VOLUME]** control for the most comfortable listening level.

3 Select a Voice



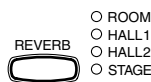
Select the desired voice by pressing one of the voice selectors. Use the **[VARIATION]** button to select a variation of the current voice, as required.

4 Play

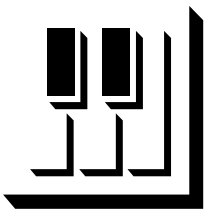


The YDP-101 also offers keyboard touch response, so the volume and timbre of notes played can be controlled according to how "hard" you play the keys. The amount of variation available depends on the selected voice.

5 Add Reverb As Required



You can add or change reverb as desired by using the **[REVERB]** button (page 16).



Playing the Demonstration Tunes

Demonstration tunes are provided that effectively demonstrate each of the YDP-101's voices. There are also 50 piano songs that you can play individually, all in sequence, or in random order. Here's how you can select and play the demo tunes.



- The demo or piano song mode cannot be engaged while the recorder (page 21) is in use.
- No MIDI reception occurs in the demo/piano song mode.
- The demo/piano song data is not transmitted via the MIDI connectors.

* See page 33 for a complete listing of the demo tunes and piano songs.

Voice Demo



1 Engage the Demo Mode

Press the [DEMO] button to engage the demo mode — the voice selector indicators will flash in sequence.



2 Play a Voice Demo

Press one of the voice selectors to start playback of all songs starting from the corresponding voice demo tune — featuring the voice normally selected by that voice selector button. (If you press the [START/STOP] button instead of a voice selector button, the GRAND PIANO demo tune will begin playback.) The indicator of the selected voice selector button will flash during playback, and “- -” will appear on the LED display. You can start playback of any other voice demo tune during playback by simply pressing the corresponding voice selector. You can stop playback at any time by pressing the [START/STOP] button or the voice selector of the currently playing demo.



- Use the [MASTER VOLUME] control to adjust the volume.



3 Exit From the Demo Mode

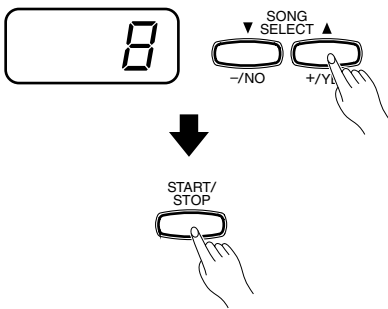
Press the [DEMO] button to exit from the demo mode and return to the normal play mode.

Piano Song



1 Engage the Piano Song Mode

Press the [SONG] button to engage the piano song mode — the [SONG], [1] and [2] indicators will light.



2 Play a Piano Song

To play any of the 50 piano songs provided, use the [SONG SELECT ▼/▲] buttons to select the number of the tune you want to play (the number will appear on the LED display), then press the [START/STOP] button. Playback will stop automatically when playback of the selected piano song has finished.

Select “ALL” instead of a number to play all piano songs in sequence, or select “r n d” to continuously play all piano songs in random order. Press the [START/STOP] button to stop playback.

NOTE

- Use the [MASTER VOLUME] control to adjust the volume.
- You can use the [TEMPO ▼/▲] buttons to adjust the playback tempo as required. This produces a relative tempo variation, with a range from “-50” through “- - -” to “50” at maximum; the range will differ depending on the selected song.
- The default tempo “- - -” is automatically selected whenever a new piano song is selected, or playback of a new piano song begins during “ALL” or “r n d” playback.
- You can play the keyboard along with the piano song playback. The voice playing on the keyboard can be changed.
- You can change the Reverb type that is applied to the voice you play on the keyboard and for the piano song playback. You can change the Touch sensitivity that is applied to the voice you play on the keyboard. When a new piano song is selected or a new piano song is automatically started in continuous play, the HALL 1 reverb type will automatically be selected.



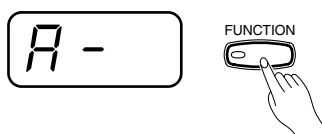
3 Exit From the Piano Song Mode

Press the [SONG] button to exit from the piano song mode, the indicator will go off, and return to the normal play mode.

Piano Song A-B Repeat

The A-B Repeat function can be used to continuously repeat a specified phrase within a piano song. Combined with the Part Cancel function described below, this provides an excellent way to practice difficult phrases.

1] Specify the Beginning (A) of the Phrase



Select and play a piano song, then press the [FUNCTION] button at the beginning of the phrase you want to repeat. This sets the “A” point (“A -” will appear on the display).

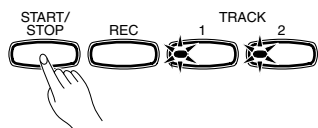
To set the “A” point at the very beginning of the song, press the [FUNCTION] button before starting playback.

2] Specify the End (B) of the Phrase



Press the [FUNCTION] button a second time at the end of the phrase. This sets the “B” point (“A - b” will appear on the display). At this point repeat playback will begin between the specified A and B points.

3] Stop Playback



Press the [START/STOP] button to stop playback while retaining the specified A and B points. A-B repeat playback will resume if the [START/STOP] button is then pressed again.

To cancel the A and B points press the [FUNCTION] button once.

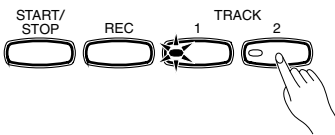
NOTE

- The A and B points are automatically canceled when a new song is selected.
- The A-B Repeat function cannot be used during “RL L” or “-nd” playback.

Piano Song Part Cancel

The 50 piano songs have separate left- and right-hand parts that can be turned on and off as required so you can practice the corresponding part on the keyboard. The right-hand part is played by the recorder's [1] track, and the left-hand part is played by recorder's [2] track. (Some of the songs are arrangements for four-hands, tracks [1] and [2] correspond to primo and secondo parts of the arrangement.)

1 Turn the Desired Part Off

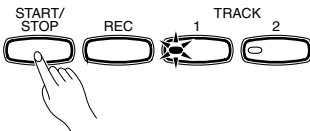


Press the **TRACK [1]** or **[2]** button to turn the corresponding part off — the corresponding indicator will go out (these buttons alternately toggle the corresponding part on and off).

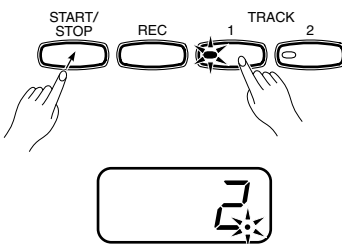


- The parts can be turned on or off even during playback.
- The Piano Song Part Cancel function cannot be used during “RL L” or “r n d” playback.
- The “Piano Song Part Cancel Volume” function described on page 27 can be used to set the canceled part so that it plays at a volume from “0” (no sound) to “20”. The default setting is “5”.
- Both parts are automatically turned ON whenever a new song is selected.

2 Start/Stop Playback



Press the **[START/STOP]** button to start and stop playback as required.



□ Synchro Start

When the Synchro Start function is engaged, playback of the selected piano song will begin automatically as soon as you start playing on the keyboard.

To engage the Synchro Start function press the **[START/STOP]** button while holding the part button corresponding to the part which is ON. A dot will appear in the lower right corner of the display. (Repeat the previous operation to disengage the Synchro Start function.)

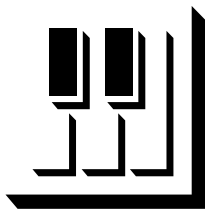
Playback will then start as soon as you begin playing on the keyboard.



- If you hold a track button which is OFF while pressing the **[START/STOP]** button, that track will be turned ON and the Synchro Start mode will be engaged.

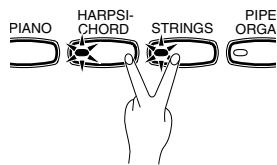
□ Left Pedal Start/Stop

The left pedal can be assigned to start and stop piano song playback via the “Left Pedal Mode” function described on page 27.

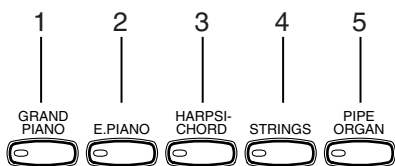


The Dual Mode

The dual mode makes it possible to play two voices simultaneously across the entire range of the keyboard.



Voice numbering priority



To activate the dual mode simply press two voice selectors at the same time (or press one voice selector while holding another). The voice indicators of both selected voices will light when the dual mode is active. To return to the normal single-voice play mode, press any single voice selector.

According to the voice numbering priority as shown in the diagram on the left, lower valued voice numbers will be designated as the 1st Voice (the other voice will be designated as the 2nd Voice).

The [STRINGS] [VARIATION] voice has a slow attack. This voice can sometimes be used with another voice in the Dual Mode to produce a better “blend”.



NOTE

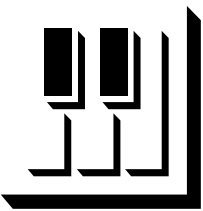
- The [VARIATION] button indicator will light if the variation is engaged for either or both of the dual-mode voices. While the dual mode is engaged the [VARIATION] button can be used to turn the variation for both voices on or off. To use the variation for only one of the voices the setting must be made prior to engaging the dual mode.
- **[REVERB] in the Dual Mode**
The reverb type assigned to the 1st Voice will take priority over the other. (If the reverb is set to OFF, the 2nd Voice's reverb type will be in affect.)
Reverb depth setting via the panel controls (i.e. pressing the [-/NO] or [+ /YES] buttons while holding the [REVERB] button — see page 16) will be applied to the 1st Voice only.



Other Dual Mode Functions

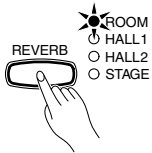
The YDP-101 Function mode provides access to a number of other dual-mode functions, listed below. See the corresponding pages for details.

- Dual Balance 26
- Dual Detune 26
- 1st Voice Octave Shift 26
- 2nd Voice Octave Shift 26
- Reset 26



Reverb

The **[REVERB]** button selects a number of digital reverb effects that you can use for extra depth and expressive power.



To select a reverb type press the **[REVERB]** button a few times until the indicator corresponding to the desired type lights (the indicators light in sequence each time the **[REVERB]** button is pressed). No reverb is produced when all indicators are off.

OFF

No reverb effect is selected when no REVERB indicator is lit.

ROOM

This setting add a continuous reverb effect to the sound that is similar to the type of acoustic reverberation you would hear in a room.

HALL 1

For a “bigger” reverb sound, use the HALL 1 setting. This effect simulates the natural reverberation of a small-size concert hall.

HALL 2

For a really spacious reverb sound, use the HALL 2 setting. This effect simulates the natural reverberation of a large concert hall.

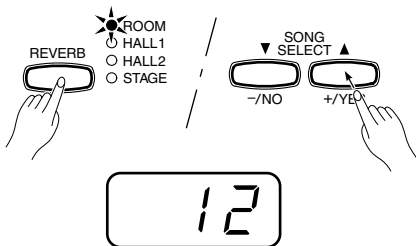
STAGE

A simulation of the type of reverb produced in a stage environment.



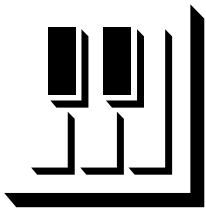
NOTE

- The default reverb type (including OFF) and depth settings are different for each voice.



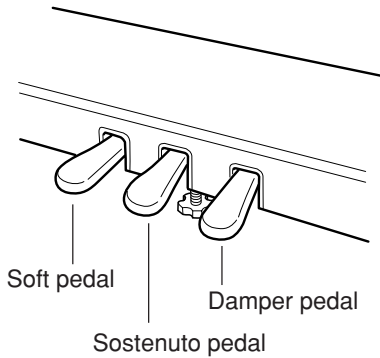
Adjusting Reverb Depth

Adjust the reverb depth for the selected voice by using the **[-/NO]** and **[+/YES]** buttons while holding the **[REVERB]** button. The depth range is from 0 through 20 (the current depth setting appears on the LED display while the **[REVERB]** button is held). A setting of “0” produces no effect, while a setting of “20” produces maximum reverb depth. Press the **[-/NO]** and **[+/YES]** buttons simultaneously while holding the **[REVERB]** button to recall the default setting for the current voice (default depth settings are different for each voice).



The Pedals

The YDP-101 has three foot pedals that produce a range of expressive effects similar to those produced by the pedals on an acoustic piano.



Damper (Right) Pedal

The damper pedal functions in the same way as a damper pedal on an acoustic piano. When the damper pedal is pressed notes played have a long sustain. Releasing the pedal immediately stops (damps) any sustained notes.

Sostenuto (Center) Pedal

If you play a note or chord on the keyboard and press the sostenuto pedal while the note(s) are held, those notes will be sustained as long as the pedal is held (as if the damper pedal had been pressed) but all subsequently played notes will not be sustained. This makes it possible to sustain a chord, for example, while other notes are played “staccato.”

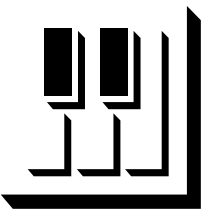


• *Organ and string voices will continue to sound for as long as the sostenuto pedal is depressed.*

Soft (Left) Pedal

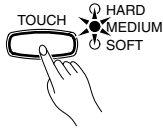
The soft pedal reduces the volume and slightly changes the timbre of notes played while the pedal is pressed. The soft pedal will not affect notes which are already playing when it is pressed.

The left pedal can also be assigned to the song start/stop operation via the “Left Pedal Mode” described on page 27.



Touch Sensitivity

Four different types of keyboard touch sensitivity — HARD, MEDIUM, SOFT or FIXED — can be selected to match different playing styles and preferences.



To select a touch sensitivity type press the [TOUCH] button a few times until the indicator corresponding to the desired type lights (the indicators light in sequence each time the [TOUCH] button is pressed).

HARD

The HARD setting requires the keys to be played quite hard to produce maximum loudness.

MEDIUM

The MEDIUM setting produces a fairly “standard” keyboard response. This is the initial factory default setting.

SOFT

The SOFT setting allows maximum loudness to be produced with relatively light key pressure.

FIXED (no indicator lit)

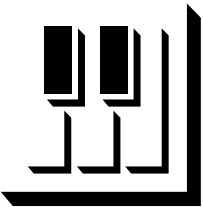
All notes are produced at the same volume no matter how hard the keyboard is played.

When the FIXED type is selected, the volume of notes played in the FIXED mode can be set by using the [–/NO] and [+ /YES] buttons while the [TOUCH] button is held (the current volume level appears on the display). The volume range is from 1 through 127. The default setting is 64.



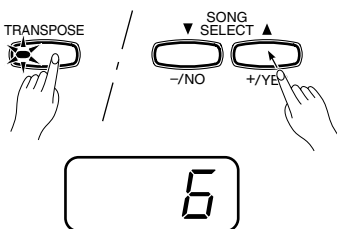
NOTE

- This setting does not change the weight of the keyboard.
- The touch sensitivity type and volume set in the FIXED mode will become the common setting for all voices.



Transposition

The YDP-101’s TRANSPOSE function makes it possible to shift the pitch of the entire keyboard up or down in semitone intervals up to a maximum of 12 semitones (i.e. a maximum of one octave up or down). “Transposing” the pitch of the YDP-101 keyboard facilitates playing in difficult key signatures, and you can easily match the pitch of the keyboard to the range of a singer or other instrumentalist.

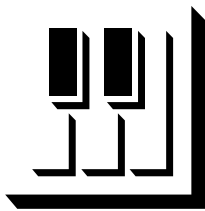


Use the [–/NO] or [+ /YES] button while holding the [TRANSPOSE] button to transpose down or up as required. The transposition range is from “–12” (down one octave) through “0” (normal pitch) to “12” (up one octave). The amount of transposition appears on the LED display while the [TRANSPOSE] button is held. The default transpose setting is “0”.



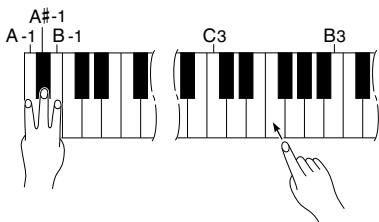
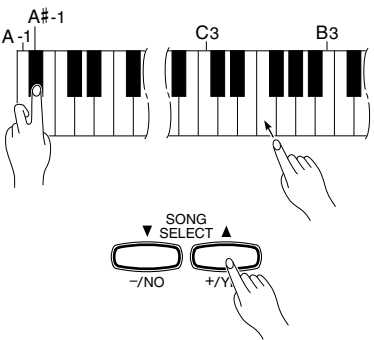
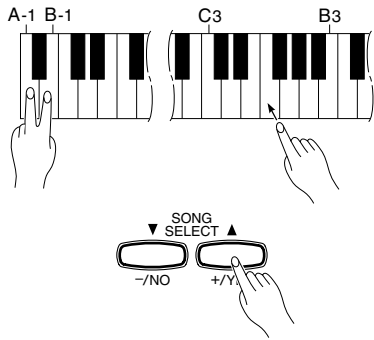
NOTE

- The [TRANSPOSE] button indicator remains lit when a transpose setting other than “0” is selected.
- Notes below and above the A-1 ... C7 range of the YDP-101 sound one octave higher and lower, respectively.



Tuning

Tuning makes it possible to adjust the pitch of the YDP-101 over a 427.0 Hz ... 453.0 Hz (corresponding to the A3 note's Hz) range in approximately 0.2 Hertz intervals. Pitch control is useful for tuning the YDP-101 to match other instruments or recorded music.



Tuning Up

- 1** To tune up (raise pitch), hold the A-1 and B-1 keys simultaneously.
- 2** Press any key between C3 and B3. Each time a key in this range is pressed the pitch is increased by approximately 0.2 Hz. The [-/NO] and [+ /YES] buttons can also be used to tune down or up, respectively, in approximately 1 Hz decrements/increments. Press the [-/NO] and [+ /YES] buttons simultaneously to recall standard tuning (A3 = 440 Hz).
- 3** Release the A-1 and B-1 keys.

Tuning Down

- 1** To tune down (lower pitch), hold the A-1 and A#-1 keys simultaneously.
- 2** Press any key between C3 and B3. Each time a key in this range is pressed the pitch is decreased by approximately 0.2 Hz. The [-/NO] and [+ /YES] buttons can also be used to tune down or up, respectively, in approximately 1 Hz decrements/increments. Press the [-/NO] and [+ /YES] buttons simultaneously to recall standard tuning (A3 = 440 Hz).
- 3** Release the A-1 and A#-1 keys.

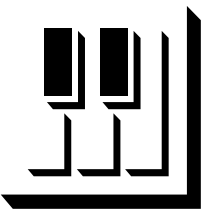
To Restore Standard Pitch

- 1** To restore the default pitch (A3 = 440 Hz), hold the A-1, A#-1 and B-1 keys simultaneously.
- 2** Press any key between C3 and B3.
- 3** Release the A-1, A#-1 and B-1 keys.

In terms of “Hertz”, the overall tuning range is from 427.0 Hz to 453.0 Hz. The current tuning setting is shown on the LED display while the tuning is being adjusted. Tenths of a Hertz are indicated on the LED display by the appearance and position of one or two dots, as in the following example:

Display	Value
440	440.0
440.	440.2
440.	440.4
440.	440.6
440.	440.8

NOTE • An alternative tuning method is available in the Function mode — page 25.



The Metronome & Tempo Control

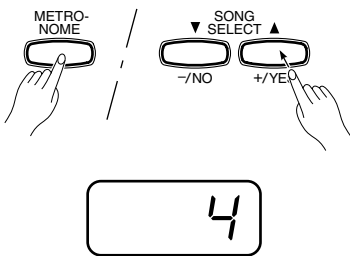
The YDP-101 built-in metronome is a convenient feature for practice, and it can also provide a solid rhythmic guide when recording using the Recorder feature, described in the next section.

The Metronome



Beat indicator

The metronome sound is alternately turned on and off by pressing the [METRONOME] button. When on, the beat indicator flashes at the current tempo.



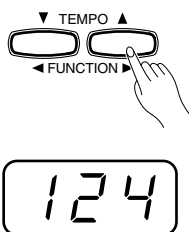
Metronome Time Signature

The time signature (beat) of the metronome can be set by using the [-/NO] and [+ /YES] buttons while holding the [METRONOME] button. You can set the beat to 0, 2, 3, 4 or 6 (the current setting appears on the LED display while the [METRONOME] button is held). Press the [-/NO] and [+ /YES] buttons simultaneously while holding the [METRONOME] button to recall the default setting “0” (no accent).

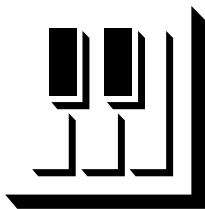
Metronome Volume Function

The volume of the metronome sound can be adjusted via the Metronome Volume function in the Function mode—page 27.

Tempo Control



The tempo of the metronome and recorder playback (the recorder is described in the next section) can be set from 32 to 280 beats per minute by using the [TEMPO ▼/▲] buttons. The selected tempo will appear on the LED display while in the normal play mode and while the [TEMPO ▼/▲] buttons are being used to adjust the tempo in the recording/playback mode. The default tempo (120 or the recorded song tempo when the recorder contains data and the playback track indicator is lit) can be recalled by simultaneously pressing the [▼] and [▲] buttons.



Using the Recorder

The YDP-101 features a two-track recorder that let you record what you play on the keyboard and then play it back. Two tracks mean that you can “overdub” one part on top of another, using a different voice if you like. The recorder feature is a useful adjunct to any keyboard study program, since it lets you hear exactly how you sound from the listener’s perspective. It can also be just plain fun.

The recorder actually records the following data:

■ Entire Song

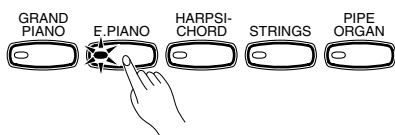
- Tempo
- Time signature (beat)
- Reverb type (including OFF)

■ Individual Tracks

- Notes played
- Voice selection
- Voice variation
- Dual mode voices
- Damper pedal
- Soft pedal
- Sostenuto pedal (not recorded as an initial setting)
- Reverb depth
- Dual balance (F3)
- Dual detune (F3)
- Dual octave shift (F3)

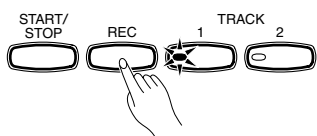
Recording

1) Make All Necessary Initial Settings



Before actually beginning to record, select the voice you want to record with (or voices if you will be using the dual mode). You might also want to set the volume and tempo controls.

2) Engage the Record Ready Mode

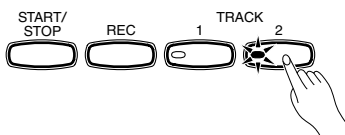


Press the [REC] button to engage the record ready mode (recording does not actually start yet). The record ready mode can be disengaged before recording by pressing the [REC] button a second time.



- The record ready mode cannot be engaged while the demo/piano song mode is engaged.

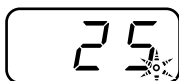
3) Select the Record Track

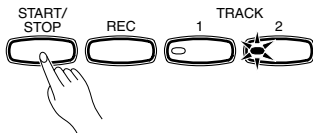


When the record mode is engaged in the previous step, the last-recorded track will automatically be selected for recording and its indicator — i.e. the [1] or [2] button indicator — will glow red. If you want to record on a different track, press the appropriate track button so that its indicator glows red.



- The track button indicators of tracks which contain previously recorded data will glow green (unless the track is turned off as described below). The previously-recorded data on the non-record track will normally be played back as you record, so you can play along with a previously-recorded track. If you don't want to hear the previously recorded track as you record (when you want to record a song different from what you recorded on the previous track etc.), press the playback track button before pressing the [REC] button (step 1, above) so that its indicator goes out.
- Recording on a track which already contains data will erase all previous data on that track.
- When the record mode is engaged the amount of memory available for recording will be shown on the LED display in approximate kilobytes (starting at “25”), and the rightmost dot on the LED display will flash at the current METRONOME tempo setting.



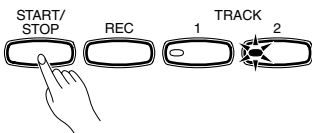


4 Start Recording

Recording will begin automatically as soon as you play a note on the keyboard or press the [START/STOP] button. The current measure number will appear on the display while recording.

NOTE

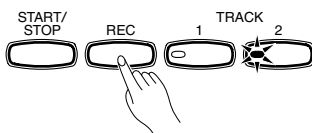
- The left pedal can be assigned to start and stop recording via the “Left Pedal Mode” function described on page 27.
- If the metronome was on when you started recording, you’ll be able to keep time with the metronome while recording, but the metronome sound will not be recorded.
- You can record up to a maximum of about 5,000 notes, depending on pedal usage and other factors. The record track indicator will begin to flash when recorder memory is almost full. If the memory becomes full during recording, “FUL” will appear on the display and recording will stop automatically. (All recorded data up to that point will be retained.)



5 Stop Recording

Press either the [REC] or [START/STOP] button to stop recording.

The indicator of the recorded track will glow green to indicate that it now contains data.



Changing the Initial Settings

The initial voice, tempo, reverb type, and reverb depth settings made in step 1 of the recording procedure are actually recorded by the YDP-101.

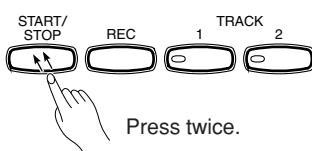
These initial settings can be changed after the recording is finished by pressing the [REC] button to engage the record ready mode, pressing the appropriate track button, making the required changes, and then pressing the [REC] button again to exit from the record ready mode and register the changes.

If you do this, be careful not to press the [START/STOP] button or a key on the keyboard, either of which will start recording and erase all previous recorded data on the selected track.

It is possible to cancel the operation even after changes have been made: change tracks and then press the [REC] button to exit from the record mode (this also cancels data for the entire song).

NOTE

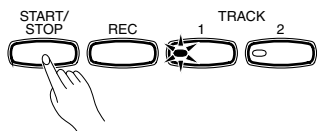
- The following data for initial settings cannot be changed: “Dual balance (F3)”, “Dual detune (F3)” or “Dual octave shift (F3)”.



Erasing a Single Track

All data can be erased from either of the recorder’s tracks by engaging the record mode, selecting the track you want to erase, and then pressing the [START/STOP] button twice without recording any data.

Playback



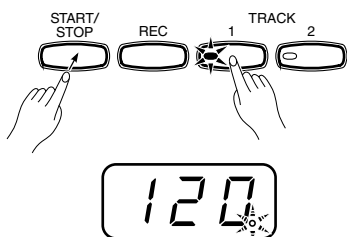
To play back what you've recorded, first make sure that the green track indicators of the tracks you want to play are lit. If not, press the corresponding track button(s) so that they are lit. Then press the [START/STOP] button. Playback starts from the beginning of the recorded data, and will stop automatically at the end of the recorded data. You can also stop playback at any time by pressing the [START/STOP] button.

To mute a track so that it doesn't play back, press the corresponding track button so that its indicator goes out (press again to turn the track back on).

The current measure number appears on the display during playback.

NOTE

- It is possible to play along on the keyboard during playback. In this case, the playback voice and the voice you play on the keyboard are not the same. The playback voice is the voice that was set when the data was recorded. The voice you play on the keyboard is the voice that is selected on the panel.
- The playback volume and tempo can be adjusted by using the [MASTER VOLUME] control and [TEMPO ▼/▲] buttons (press both [TEMPO ▼/▲] buttons simultaneously to recall the default tempo).
- All recorder data will be retained in memory for about one week after the power is turned off. If you want to keep your recorded data for longer periods, turn the power on for a few minutes at least once a week. It is also possible to store it to an external MIDI storage device by using the Bulk Data Dump function described on page 30.
- The track indicators will not light automatically when the power is turned on even if the recorder contains data. It is therefore necessary to press the track buttons so that the corresponding green indicators light before starting recorder playback. It is also a good idea to press the track buttons to check if the tracks contain data before recording. If the green indicator lights when the corresponding track button is pressed, that track contains data which will be erased and replaced by the newly-recorded data.
- If the metronome is being used during playback, the metronome will automatically stop when playback is stopped.
- During recorder playback, the volume of a track which is turned off will always be "0" (i.e. the "Piano Song Part Cancel Volume" function — page 27 — only affects piano song playback).
- The playback data is not transmitted via the MIDI OUT connector.
- Playback cannot be started when the demo/piano song mode is engaged.
- Playback cannot be started when the recorder contains no data, or when both track buttons are off.
- When using REVERB during playback, depending upon the conditions one reverb type will take priority.



Synchro Start

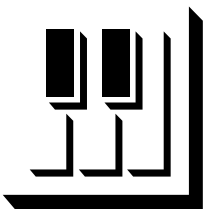
When the Synchro Start function is engaged, recorder playback will begin automatically as soon as you start playing on the keyboard.

To engage the Synchro Start function press the [START/STOP] button while holding a track button which is ON. The rightmost dot on the display will flash at the current tempo. (Repeat the previous operation to disengage the Synchro Start function.) Playback will then start as soon as you begin playing on the keyboard.

If you hold a track button which is OFF while pressing the [START/STOP] button, that track will be turned ON and the Synchro Start mode will be engaged.

Left Pedal Start/Stop

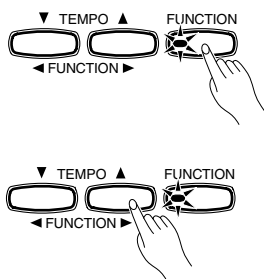
The left pedal can be assigned to start and stop recorder playback via the "Left Pedal Mode" function described on page 27. This is convenient for starting playback of the recorded part anytime after you have started playing.



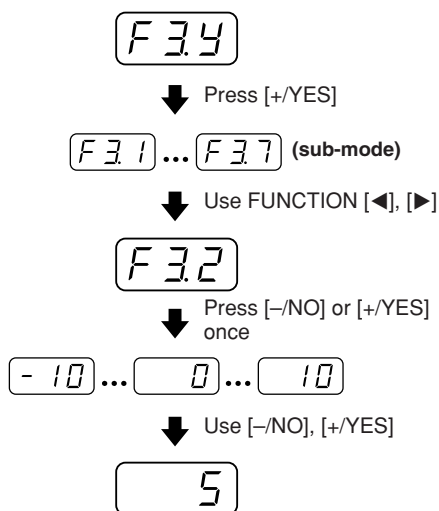
The Function Mode

The **[FUNCTION]** button provides access to a range of functions that give the YDP-101 extraordinary versatility. The functions are categorized in groups as follows:

F1	Tuning	25
F2	Scale	25
F3	Dual Mode Functions	26
F4	Left Pedal Mode	27
F5	Metronome Volume	27
F6	Piano Song Part Cancel Volume	27
F7	MIDI Functions	28
F8	Backup Functions	31



● Operation Example



To Select a Function ...

1 Press the **[FUNCTION]** button so that its indicator lights.

NOTE • Functions cannot be selected during demo/piano song playback or when the recorder is in operation.

2 Use the **FUNCTION** [◀] and [▶] buttons to select the desired function.

3 In the case of the Scale (F2), Dual Mode (F3), MIDI (F7), and Backup (F8) functions, you will have to press the **[+ / YES]** button once to enter the respective sub-mode after the function has been selected, and then use the **FUNCTION** [◀] and [▶] buttons again to select the desired sub-function.

NOTE • The Dual mode must be engaged before the F3 function can be selected. If the Dual mode is not engaged, "F3-" will appear on the display and the Dual sub-mode will not be available.

4 Set the function as required by using the **[- / NO]** and **[+ / YES]** buttons (see the individual function descriptions, below).

NOTE • After selecting the function, the current setting will be displayed when the **[- / NO]** or **[+ / YES]** button is pressed for the first time.

5 Press the **[FUNCTION]** button so that its indicator goes out to exit from the function mode.

F1 Tuning

In addition to the tuning method described on page 19, overall tuning can also be accomplished via the F1 function.

After selecting “F1”, use the [–/NO] and [+ /YES] buttons to lower or raise the pitch in approximately 0.2 Hz increments (the first time the [–/NO] or [+ /YES] button is pressed simply switches to the tuning value display without actually changing the tuning). The overall tuning range is from 427.0 Hz to 453.0 Hz (corresponding to the A3 note’s Hz). Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default value “440 Hz”.

Tenths of a Hertz are indicated on the LED display by the appearance and position of one or two dots, as in the following example:

Display	Value
440	440.0
4.40	440.2
44.0	440.4
440.	440.6
4.40.	440.8

F2 Scale

After selecting “F2.5”, press the [+ /YES] button to engage the scale function sub-mode, then use the FUNCTION [◀] and [▶] buttons to select the desired scale function, as listed below.

F2.1: Scale

In addition to the standard Equal Temperament tuning, the YDP-101 includes 6 classic tunings that you can select and use to play music of the corresponding period, or experiment with in a more modern context. The tunings are:

- | | |
|----------------------|-----------------|
| 1: Equal Temperament | 5: Mean Tone |
| 2: Pure Major | 6: Werckmeister |
| 3: Pure Minor | 7: Kirnberger |
| 4: Pythagorean | |

Use the [–/NO] and [+ /YES] buttons to select the number of the desired tuning. Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default settings (Equal Temperament tuning).

F2.2: Base Note

Unlike Equal Temperament tuning, these classic tunings must be tuned to a specific key. Use the [–/NO] and [+ /YES] buttons to select the key you want the previously selected tuning to be based. The selected key will appear on the display, followed by a low bar if flat (e.g. “F_b”) or a high bar if sharp (e.g. “F_#”).

Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default settings “C”.

 **NOTE** • The base note setting is effective for tunings other than the Equal Temperament tuning.

F3 Dual Mode Functions

After selecting “F 3.4”, press the [+/**YES**] button to engage the dual-mode function sub-mode, then use the **FUNCTION** [◀] and [▶] buttons to select the desired dual mode function, as listed below.

If the Dual mode is not engaged “F 3.-” will appear instead of “F 3.4” and the Dual mode functions cannot be selected. If this happens engage the Dual mode and proceed.

■ **SHORTCUT:** You can jump directly to the dual-mode functions (F3) by pressing the [**FUNCTION**] button while holding the two dual-mode voice selectors.



NOTE

• Dual mode function settings are set individually for each voice combination.



F3.1: Dual Balance

The volume levels of the two voices combined in the dual mode can be adjusted as required by using this function. Use the [−/**NO**] and [+/**YES**] buttons to adjust the balance as required. The balance range is from 0 through 20. A setting of “10” produces equal balance between the two dual-mode voices. Settings below “10” increase the volume of the 2nd Voice in relation to the 1st Voice, and settings above “10” increase the volume of the 1st Voice in relation to the 2nd Voice (“1st” and “2nd” is explained on page 15). Press the [−/**NO**] and [+/**YES**] buttons simultaneously to recall the default setting (different for each voice combination).

You can set one voice as the main voice, and another voice as a softer, mixed voice.



F3.2: Dual Detune

This function makes it possible to detune the 1st and 2nd dual-mode Voices to create a thicker sound. Use the [−/**NO**] and [+/**YES**] buttons to set the amount of detuning as required. The detune range is from −10 through 10. A setting of “0” sets both voices to the same pitch. Settings below “0” increase the pitch of the 2nd Voice in relation to the 1st Voice, and settings above “0” increase the pitch of the 1st Voice in relation to the 2nd Voice (“1st” and “2nd” is explained on page 15). Press the [−/**NO**] and [+/**YES**] buttons simultaneously to recall the default setting (different for each voice combination).



F3.3: 1st Voice Octave Shift



F3.4: 2nd Voice Octave Shift

Depending on which voices you combine using the dual mode, the combination may sound better if one of the voices is shifted up or down an octave. Use the [−/**NO**] and [+/**YES**] buttons to set the octave of the 1st or 2nd Voice as required (“1st” and “2nd” is explained on page 15). The available settings are “0” for normal pitch, “−1” to shift the pitch down one octave, and “1” to shift the pitch up one octave. Press the [−/**NO**] and [+/**YES**] buttons simultaneously to recall the default setting (different for each voice combination).



F3.5: Reset

This function resets all dual-mode functions to their default values. Press the [+/**YES**] button to reset the values. “E n d” will appear on the display when all functions have been reset.

F4 Left Pedal Mode

This function sets the left pedal for normal soft-pedal operation or for song start/stop operation. Use the **[-/NO]** and **[+/YES]** buttons to select the desired left-pedal mode. “1” is the normal soft-pedal mode and “2” is the start/stop mode. When the start/stop mode is selected, the left pedal functions in the same way as the panel **[START/STOP]** button. Press the **[-/NO]** and **[+/YES]** buttons simultaneously to recall the default setting “1”.

F5 Metronome Volume

■ **SHORTCUT:** You can jump directly to the metronome functions by pressing the **[FUNCTION]** button while holding the **[METRONOME]** button.

The volume of the metronome sound can be changed. After selecting “**F 5**”, use the **[-/NO]** and **[+/YES]** buttons to set the metronome volume as required. The volume range is from 1 through 20. A setting of “1” produces minimum sound, while a setting of “20” produces maximum metronome volume. Press the **[-/NO]** and **[+/YES]** buttons simultaneously to recall the default setting “10”.

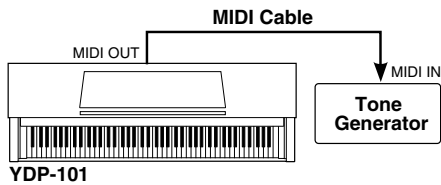
F6 Piano Song Part Cancel Volume

This function sets the volume at which a “canceled” part is played during piano song playback (see page 14 for information on the “part-cancel” function). Use the **[-/NO]** and **[+/YES]** buttons to set the volume as required. The volume range is from 0 through 20. A setting of “0” produces no sound, while a setting of “20” produces maximum volume. Press the **[-/NO]** and **[+/YES]** buttons simultaneously to recall the default setting “5”.

Adjust the part volume to a comfortable level to use the “canceled” part as a guide to play along with. Set to “0” if you don’t want to hear the part.

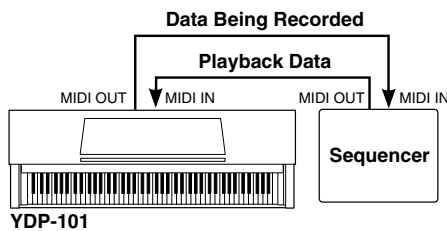
F7 MIDI Functions

● A Brief Introduction to MIDI



MIDI, the Musical Instrument Digital Interface, is a world-standard communication interface that allows MIDI-compatible musical instruments and equipment to share musical information and control one another. This makes it possible to create “systems” of MIDI instruments and equipment that offer far greater versatility and control than is available with isolated instruments. For example, most MIDI keyboards (including the YDP-101, of course) transmit note and velocity (touch response) information via the MIDI OUT connector whenever a note is played on the keyboard.

If the MIDI OUT connector is connected to the MIDI IN connector of a second keyboard (synthesizer, etc.) or a tone generator (essentially a synthesizer with no keyboard), the second keyboard or tone generator will respond precisely to notes played on the original transmitting keyboard. The result is that you can effectively play two instruments at once, providing thick multi-instrument sounds.



This same type of musical information transfer is used for MIDI sequence recording. A sequence recorder can be used to “record” MIDI data received from a YDP-101, for example. When the recorded data is played back, the YDP-101 automatically “plays” the recorded performance in precise detail.

The examples given above really only scratch the surface. MIDI can do much, much more. The YDP-101 MIDI functions allow it to be used in fairly sophisticated MIDI systems.

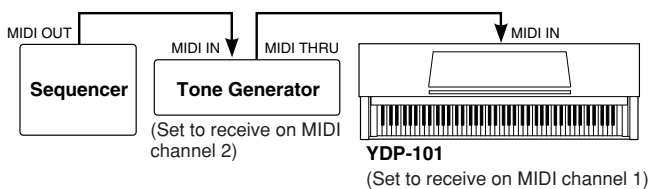
After selecting “F 7.4”, press the [+ / YES] button to engage the MIDI function sub-mode, then use the **FUNCTION** [◀] and [▶] buttons to select the desired MIDI function, as listed below.



- Always use a high-quality MIDI cable to connect MIDI OUT to MIDI IN terminals. Never use MIDI cables longer than about 15 meters, since cables longer than this can pick up noise which can cause data errors.

F7.1: MIDI Transmit Channel Selection

F7.2: MIDI Receive Channel Selection



The MIDI system allows transmission and reception of MIDI data on 16 different channels. Multiple channels have been implemented to allow selective control of certain instruments or devices connected in series. For example, a single

MIDI sequence recorder could be used to “play” two different instruments or tone generators. One of the instruments or tone generators could be set to receive only on channel 1, while the other is set to receive on channel 2. In this situation the first instrument or tone generator will respond only to channel-1 information transmitted by the sequence recorder, while the second instrument or tone generator will respond only to channel-2 information. This allows the sequence recorder to “play” two completely different parts on the receiving instruments or tone generators.

In any MIDI control setup, the MIDI channels of the transmitting and receiving equipment must be matched for proper data transfer. A “Multi-timbre” receive mode is also available, which allows simultaneous reception of different parts on all 16 MIDI channels, allowing the YDP-101 to play multi-channel song data received from a music computer or sequencer. There’s also a “1-2” mode which allows simultaneous reception on channels 1 and 2.

Use the [–/NO] and [+ /YES] buttons to select the desired transmit or receive channel. The transmit channel parameter can also be turned “OFF” if you don’t want the YDP-101 to transmit any MIDI data. To select the multi-timbre receive mode, set the receive channel to “ALL”. Select “1-2” for multi-timbre reception on channels 1 and 2 only.

Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default setting: transmit = “1”; receive = “ALL”.



- In the dual mode, first voice data is transmitted on its set channel. Second voice data is transmitted on the next greater channel number of the set channel. No data is transmitted if the transmit channel is set to “OFF”.
- Demo/piano song data and recorder playback data are not transmitted via MIDI.
- No MIDI reception occurs when the demo/piano song mode is engaged.
- Program change and other like channel messages received will not affect the YDP-101’s panel settings or what is being played on the keyboard.

F7.3: Local Control ON/OFF

“Local Control” refers to the fact that, normally, the YDP-101 keyboard controls its internal tone generator, allowing the internal voices to be played directly from the keyboard. This situation is “Local Control On” since the internal tone generator is controlled locally by its own keyboard.

Local control can be turned OFF, however, so that the YDP-101 keyboard does not play the internal voices, but the appropriate MIDI information is still transmitted via the MIDI OUT connector when notes are played on the keyboard. At the same time, the internal tone generator responds to MIDI information received via the MIDI IN connector.

When using an external MIDI device with the YDP-101, for example, Local Control should be turned OFF when recording using the external voices only, and ON when recording the YDP-101 voices while listening to playback of the external voices.

Use the [–/NO] and [+ /YES] buttons to turn local control “On” or “OFF”.

Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default setting “On”.

F7.4: Program Change ON/OFF

Normally the YDP-101 will respond to MIDI program change numbers received from an external keyboard or other MIDI device, causing the correspondingly numbered voice to be selected on the corresponding channel (the keyboard voice does not change). The YDP-101 will normally also send a MIDI program change number whenever one of its voices is selected, causing the correspondingly numbered voice or program to be selected on the external MIDI device if the device is set up to receive and respond to MIDI program change numbers.

This function makes it possible to cancel program change number reception and transmission so that voices can be selected on the YDP-101 without affecting the external MIDI device.

Use the [–/NO] and [+ /YES] buttons to turn program change transmission and reception “On” or “OFF”.

Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default setting “On”.



- For information on program change numbers for each of the YDP-101’s voices, refer to page 36 in the MIDI Data Format section.

F7.5: Control Change ON/OFF

Normally the YDP-101 will respond to MIDI control change data received from an external MIDI device or keyboard, causing the voice on the corresponding channel to be affected by pedal and other “control” settings received from the controlling device (the keyboard voice is not affected). The YDP-101 also transmits MIDI control change information when one of its pedals or other appropriate controls are operated.

This function makes it possible to cancel control change data reception and transmission so that, for example, the YDP-101 pedals and other controls can be operated without affecting an external MIDI device.

Use the [–/NO] and [+ /YES] buttons to turn control change transmission and reception “On” or “OFF”.

Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default setting “On”.



NOTE

- For information on control changes that can be used with the YDP-101, refer to the MIDI Data Format on page 35.

F7.6: MIDI Transmit Transpose

This function allows the MIDI note data transmitted by the YDP-101 to be transposed up or down in semitone steps by up to plus or minus 12 semitones. The pitch of the YDP-101 itself is not affected.

Use the [–/NO] and [+ /YES] buttons to set the desired amount of MIDI transmit transposition. The range is from “–12” (down one octave) through “0” (no transposition) to “12” (up one octave).

Press the [–/NO] and [+ /YES] buttons simultaneously to recall the default setting “0”.

F7.7: Panel/Status Transmit

This function causes all the current YDP-101 panel settings (selected voice, etc.) to be transmitted via the MIDI OUT terminal. This is particularly useful if you will be recording performances to a MIDI sequence recorder which will be used to control the YDP-101 on playback. By transmitting the YDP-101 panel settings and recording them on the MIDI sequence recorder prior to the actual performance data, the YDP-101 will be automatically restored to the same settings when the performance is played back.

Press the [+ /YES] button to transmit the panel/status data. “E n d” will appear on the LED display when the data has been successfully transmitted.



NOTE

- See page 36 for list of the “Panel Data Contents” transmitted by this function.
- Panel setting data that is transmitted to an external device can only be reloaded on a model of the same type. Panel setting data can also be directly transferred to or from instruments of the same model type.

F7.8: Bulk Data Dump

This function is used to transmit all data stored in the Recorder memory to a MIDI data storage device, other sequence recorders or MIDI compatible computers.

Press the [+ /YES] button to begin bulk transmission. “E n d” will appear on the LED display when the data has been successfully transmitted.



NOTE

- Bulk data dump will not function when the recorder is in operation.
- Recorder data that is transmitted to an external device can only be reloaded on a model of the same type. Recorder data can also be directly transferred to or from instruments of the same model type.
- The reload operation cannot be executed when the Recorder is in operation or the Function mode is engaged.
- No MIDI data transmission or data reception occurs during a bulk data dump transmit operation.

F8 Backup Functions

After selecting “**F8.3**”, press the **[+/YES]** button to engage the backup function sub-mode, then use the **FUNCTION** **[◀]** and **[▶]** buttons to select the desired backup function, as listed below.



NOTE

- The backup settings themselves, and the contents of the recorder memory, are always backed up.
- Even if the Backup is turned on, factory presets can be recalled at any time (see page 32). The factory setting list is found on page 34.

Even if backup is turned on via one of the functions described below, the data will only be retained in memory for about 1 week if the power is not turned on during this time. If the backup period is exceeded, all settings will be reset to their default values. If you want to retain the backup settings for longer periods, be sure to turn the power switch on for a few minutes at least once a week.



F8.1: Voice

Turns backup of the voice functions listed below on or off. Use the **[-/NO]** and **[+/YES]** buttons to turn backup “On” or “OFF”.

The default backup mode is “OFF”.

- Voice (Keyboard, Dual)
- Dual (ON/OFF, Voice, and Dual Functions for each voice combination)
- Reverb (ON/OFF, Type, and Depth for each voice)
- Variation (ON/OFF for each voice)
- Touch Sensitivity (including the **FIXED** volume)
- Metronome (Beat, Volume)
- Piano Song Part Cancel Volume



F8.2: MIDI

Turns backup of the MIDI functions listed below on or off. Use the **[-/NO]** and **[+/YES]** buttons to turn backup “On” or “OFF”.

The default backup mode is “OFF”.

- Channel (Transmit, Receive)
- Program Change ON/OFF
- MIDI Transmit Transpose
- Local ON/OFF
- Control Change ON/OFF



F8.3: Tuning

Turns backup of the tuning functions listed below on or off. Use the **[-/NO]** and **[+/YES]** buttons to turn backup “On” or “OFF”.

The default backup mode is “OFF”.

- Transpose
- Tuning
- Scale (including base note)

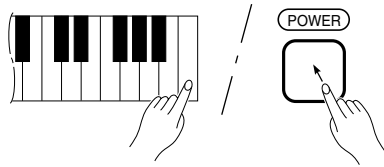


F8.4: Pedal

Turns backup of the Left Pedal Mode on or off. Use the **[-/NO]** and **[+/YES]** buttons to turn backup “On” or “OFF”.

The default backup mode is “OFF”.

Factory Preset Recall



All dual mode, reverb, touch sensitivity, tuning settings, and the settings affected by the Backup Functions can be restored to their original factory preset values by holding the C7 key (rightmost key on the keyboard) while turning the [POWER] switch ON. This also erases all recorder data, and sets all Backup on/off settings (F8) to “OFF”.



• The factory setting list is found on page 34.

Troubleshooting

If you encounter what appears to be a malfunction, please check the following points before assuming that your YDP-101 is faulty.

1. No Sound When the Power is Turned ON

Is the AC plug properly connected to the YDP-101 and an AC wall outlet? Check the AC connection carefully. Is the MASTER VOLUME control turned up to a reasonable listening level?

Also make sure that a pair of headphones is not plugged into the PHONES jack, and that the Local Control (page 29) is ON.

2. The Damper Pedal Doesn't Work

If the damper pedal doesn't work, or notes are sustained even when the pedal is not pressed, make sure that the pedal cord is properly plugged into the main unit (page 42).

3. The YDP-101 Reproduces Radio or TV Sound

This can occur if there is a high-power transmitter in your vicinity. Contact your Yamaha dealer.

4. Intermittent Static Noise

This is usually due to turning ON or OFF a household appliance or other electronic equipment which is fed by the same AC mains line as your YDP-101.

5. Interference Appears On Radio or TV Sets Located Near the YDP-101

The YDP-101 contains digital circuitry which can generate radio-frequency noise. The solution is to move the YDP-101 further away from the affected equipment, or vice versa.

6. Distorted Sound When the YDP-101 is Connected to An External Amplifier/Speaker System

If the YDP-101 is connected to a stereo system or instrument amplifier and the sound is distorted, reduce the volume of the external equipment to a level at which the distortion ceases.

- If “5c0” appears on the display an internal malfunction has occurred. In this case, contact your Yamaha dealer.

Options & Expander Modules

● Options

BC-8 Bench

A comfortable bench styled to match your Yamaha YDP-101.

HPE-160 Stereo Headphones

High-performance lightweight dynamic headphones with extra-soft ear pads.

● Expander Modules

DOU-10 Disk Orchestra Unit

A range of MIDI recording and playback functions, plus Yamaha DOC software, Disklavier PianoSoft™, and General MIDI/Standard MIDI File disk playback capability.

Demo and Piano Song List/Verzeichnis der Demo- und Piano-Songs/ Liste des morceaux de démonstration et de piano/ Lista de canciones de demostración y de piano

Voice Demo Tune Titles

Voice Name	Title	Composer
GRAND PIANO	Fantaisie Impromptu	F.F.Chopin
E.PIANO	Original	–
HARPSICHORD	Gavotte (French Suite)	J.S.Bach
STRINGS	Eine Kleine Nachtmusik 3rd Mov.	W.A.Mozart
PIPE OPRGAN	Trio Sonata 2	J.S.Bach

- Some of the demonstration pieces listed above are short excerpts from the original compositions. Original songs are all rights reserved (© 1999 by YAMAHA CORPORATION).
- Certains morceaux de démonstration énumérés ci-dessus sont de courts extraits des compositions originales. Les morceaux originaux sont protégés par la loi sur les droits d'auteur (© 1999 par YAMAHA CORPORATION).
- Bei manchen der oben aufgeführten Demo-Stücke handelt es sich um kurze Auszüge aus den Originalkompositionen. Originalkompositionen sind urheberrechtlich geschützt (© 1999 by YAMAHA CORPORATION).
- Algunas de las piezas de demostración arriba mencionadas son pasajes cortos de las composiciones originales. Las canciones originales tienen derechos reservados (© 1999 por YAMAHA CORPORATION).

Piano Song Titles

No.	Title	Composer	No.	Title	Composer
1	Prelude (Wohltemperierte Klavier I No.1)	J.S.Bach	26	La prière d'une Vierge	T.Badarzewska
2	Menuett G dur BWV. Anh.114	J.S.Bach	27	Dolly's Dreaming and Awakening	T.Oesten
3	Le Coucou	L-C.Daquin	28	Alpenglow	T.Oesten
4	Piano Sonate No.15 K.545 1st mov.	W.A.Mozart	29	Arabesque (25 Etüden)	J.F.Burgmüller
5	Turkish March (Piano Sonate No.11 K.331)	W.A.Mozart	30	La chevaleresque (25 Etüden)	J.F.Burgmüller
6	12 Variationen über ein französisches Lied "Ah, vous dirai-je, maman"	W.A.Mozart	31	Rondo alla Turca op.68-3	J.F.Burgmüller
7	Piano Concerto K.467	W.A.Mozart	32	La candeur (25 Etüden)	J.F.Burgmüller
8	Menuett G dur	W.A.Mozart	33	Innocence (25 Etüden)	J.F.Burgmüller
9	Little Serenade	J.Haydn	34	Progrès (25 Etüden)	J.F.Burgmüller
10	Perpetuum mobile	C.M.v.Weber	35	Liebesträume Nr.3	F.Liszt
11	Ecossaise	L.v.Beethoven	36	La Violette op.99-1	L.Streabbog
12	Für Elise	L.v.Beethoven	37	Blumenlied	G.Lange
13	Marcia alla Turca	L.v.Beethoven	38	Heidenröslein	G.Lange
14	Sonatine	L.v.Beethoven	39	The harvest time	G.Lange
15	Romanze in F	L.v.Beethoven	40	Barcarolle (Les Saisons)	P.I.Tchaikovsky
16	Impromptu op.90-2	F.Schubert	41	Melody in F	A.G.Rubinstein
17	Moments Musicaux op.94-3	F.Schubert	42	Spinnerlied	A.Ellenreich
18	Frühlingslied op.62-2	F.Mendelssohn	43	Tango (España)	I.Albéniz
19	Etude op.10-5 "Black keys"	F.F.Chopin	44	La Fille aux Cheveux de Lin	C.A.Debussy
20	Etude op.10-3 "Chanson de l'adieu"	F.F.Chopin	45	Arabesque 1	C.A.Debussy
21	Etude op.10-12 "Revolutionary"	F.F.Chopin	46	Clair de lune	C.A.Debussy
22	Nocturne op.9-2	F.F.Chopin	47	The Entertainer	S.Joplin
23	Valse op.64-1 "Petit chien"	F.F.Chopin	48	Maple leaf rag	S.Joplin
24	Valse op.64-2	F.F.Chopin	49	Radetzky Marsch*	J.B.Strauss
25	Träumerei (Kinderszenen)	R.Schumann	50	American Patrol*	F.W.Meacham

* Arranged for 4-hands.

Factory Setting List/Liste der Vorgabeeinstellungen/ Liste des réglages/Liste de ajustes de fábrica

	Default	Backup Group
Voice	GRAND PIANO	F8.1
Dual Mode	OFF	
Reverb Type	Preset for each voice	
Reverb Depth	Preset for each voice	
Effect Type	Preset for each voice	
Effect Depth	Preset for each voice	
Touch Sensitivity	MEDIUM	
Volume in the FIXED Mode	64	
Metronome	OFF	—
Metronome Time Signature	0 (no accent)	F8.1
Tempo	120	—
Transpose	0	F8.3

“—”: Not memorized

Function

	Function	Default	Backup Group
F1	Tuning	A3=440Hz	F8.3
F2.1	Scale	1 (Equal Temperament)	
F2.2	Base Note	C	
F3.1	Dual Balance	Preset for each voice combination	F8.1
F3.2	Dual Detune	Preset for each voice combination	
F3.3, F3.4	Dual Octave Shift	Preset for each voice combination	F8.4
F4	Left Pedal Mode	1 (soft pedal)	
F5	Metronome Volume	10	F8.1
F6	Piano Song Part Cancel Volume	5	
F7.1	MIDI Transmit Channel	1	F8.2
F7.2	MIDI Receive Channel	ALL	
F7.3	Local Control	ON	
F7.4	Program Change Send & Receive	ON	
F7.5	Control Change Send & Receive	ON	
F7.6	MIDI Transmit Transpose	0	
F8	Backup	All OFF	Always backed up

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

If you're already very familiar with MIDI, or are using a computer to control your music hardware with computer-generated MIDI messages, the data provided in this section can help you to control the YDP-101.

Falls Sie bereits mit MIDI vertraut sind oder einen Computer zur Erzeugung von MIDI-Steuermeldungen für die Instrumente verwenden, können Sie sich zur Steuerung des YDP-101 nach den im folgenden Abschnitt aufgeführten Spezifikationen richten.

1. NOTE ON/OFF

Data format: [9nH] -> [kk] -> [vv]

9nH = Note ON/OFF event (n = channel number)
kk = Note number (Transmit: 09H ~ 78H = A-2 ~ C8 /
Receive: 00H ~ 7FH = C-2 ~ G8)*
vv = Velocity (Key ON = 01H ~ 7FH, Key OFF = 00H)

Data format: [8nH] -> [kk] -> [vv] (reception only)

8nH = Note OFF event (n = channel number)
kk = Note number: 00H ~ 7FH = C-2 ~ G8
vv = Velocity

* If received value exceeds the supported range for the selected voice, the note is adjusted by the necessary number of octaves.

2. CONTROL CHANGE

Data format: [BnH] -> [cc] -> [vv]

BnH = Control change (n = channel number)
cc = Control number
vv = Data Range

(1) Bank Select

ccH	Parameter	Data Range (vvH)
00H	Bank Select MSB	00H:Normal
20H	Bank Select LSB	00H...7FH

Bank selection processing does not occur until receipt of next Program Change message.

(2) Main Volume (reception only)

ccH	Parameter	Data Range (vvH)
07H	Volume MSB	00H...7FH

(3) Expression

ccH	Parameter	Data Range (vvH)
0BH	Expression MSB	00H...7FH

(4) Damper

ccH	Parameter	Data Range (vvH)
40H	Damper MSB	00H...7FH

(5) Sostenuto

ccH	Parameter	Data Range (vvH)
42H	Sostenuto	00H-3FH:off, 40H-7FH:on

(6) Soft Pedal

ccH	Parameter	Data Range (vvH)
43H	Soft Pedal	00H-3FH:off, 40H-7FH:on

(7) Effect1 Depth (Reverb Send Level)

ccH	Parameter	Data Range (vvH)
5BH	Effect1 Depth	00H...7FH

Adjusts the reverb send level.

3. MODE MESSAGES

Data format: [BnH] -> [cc] -> [vv]

BnH = Control event (n = channel number)
cc = Control number
vv = Data Range

(1) All Sound Off

ccH	Parameter	Data Range (vvH)
78H	All Sound Off	00H

Switches off all sound from the channel. Does not reset Note On and Hold On conditions established by Channel Messages.

(2) Reset All Controllers

ccH	Parameter	Data Range (vvH)
79H	Reset All Controllers	00H

Resets controllers as follows.

Controller	Value
Expression	127 (max)
Damper Pedal	0 (off)
Sostenuto	0 (off)
Soft Pedal	0 (off)

(3) Local Control (reception only)

ccH	Parameter	Data Range (vvH)
7AH	Local Control	00H (off), 7FH (on)

(4) All Notes Off

ccH	Parameter	Data Range (vvH)
7BH	All Notes Off	00H

Switches OFF all the notes that are currently ON on the specified channel. Any notes being held by the damper or sostenuto pedal will continue to sound until the pedal is released.

(5) Omni Off (reception only)

ccH	Parameter	Data Range (vvH)
7CH	Omni Off	00H

Same processing as for All Notes Off.

(6) Omni On (reception only)

ccH	Parameter	Data Range (vvH)
7DH	Omni On	00H

Same processing as for All Notes Off.

(7) Mono (reception only)

ccH	Parameter	Data Range (vvH)
7EH	Mono	00H

Same processing as for All Sound Off.

(8) Poly (reception only)

ccH	Parameter	Data Range (vvH)
7FH	Poly	00H

Same processing as for All Sound Off.

- When control change is turned OFF in the Function mode, control change data will not be transmitted or received except for Bank Select and Mode messages.
- Local on/off, OMNI on/off are not transmitted. (The appropriate note off number is supplied with "All Note Off" transmission).
- When a voice bank MSB/LSB is received, the number is stored in the internal buffer regardless of the received order, then the stored value is used to select the appropriate voice when a program change message is received.
- The Multi-timbre and Poly modes are always active. No change occurs when OMNI ON, OMNI OFF, MONO, or POLY mode messages are received.

4. PROGRAM CHANGE

Data format: [CnH] -> [ppH]

CnH = Program event (n = channel number)
ppH = Program change number

P.C.#=Program Change number

	Normal Voice			VARIATION Voice		
	MSB	LSB	P.C.#	MSB	LSB	P.C.#
GRAND PIANO	0	112	0	0	113	0
E.PIANO	0	112	5	0	112	88
HARPSICHORD	0	112	6	0	115	6
STRINGS	0	112	48	0	113	49
PIPE ORGAN	0	112	19	0	113	19

- When program change is turned OFF in the Function mode, no program change data is transmitted or received. Also, Bank MSB/LSB is not transmitted or received.

5. SYSTEM REALTIME MESSAGES

[rrH]
F8H: Timing clock
FAH: Start
FCH: Stop
FEH: Active sensing

Data	Transmission	Reception
F8H	Transmitted every 96 clocks	Received as 96-clock tempo timing when MIDI clock is set to External
FAH	Recorder start	Recorder start Not received when the MIDI clock is set to Internal.
FCH	Recorder stop	Recorder stop Not received when the MIDI clock is set to Internal.
FEH	Transmitted every 200 milliseconds	If a signal is not received via MIDI for more than 400 milliseconds, the same processing will take place for All Sound Off, All Notes Off and Reset All Controllers as when those signals are received.

- Caution: If an error occurs during MIDI reception, the Damper, Sostenuto, and Soft effects for all channels are turned off and an All Note Off occurs.

6. SYSTEM EXCLUSIVE MESSAGES (Yamaha MIDI Format)

Panel Data Transmit

Data format: [F0H] -> [43H] -> [0nH] -> [7CH] -> ... -> [F7H]

F0H, 43H, 0nH, 7CH (n: channel number)
00H, 2CH (data length)
43H, 4CH, 20H, 20H (CL)
43H, 4CH, 50H, 27H, 39H, 38H (Model ID)
30H, 30H (version x, y)
[PANEL DATA]
[CHECK SUM (1byte)] = 0-(43H+4CH+20H+.....+Data end)
F7H (end of exclusive)

• Panel Data Contents

- (1) 1'st Voice
- (2) Dual On/Off
- (3) Dual Voice
- (4) Dual Balance
- (5) Dual Detune
- (6) Dual Voice1 Octave
- (7) Dual Voice2 Octave
- (8) —
- (9) —
- (10) —
- (11) —
- (12) —
- (13) —
- (14) —
- (15) —
- (16) —
- (17) —
- (18) —
- (19) Reverb Type 1
- (20) Reverb Type 2
- (21) Reverb Depth1
- (22) Reverb Depth2
- (23) —
- (24) —
- (25) —
- (26) Variation 1 On/Off
- (27) Variation 2 On/Off
- (28) Touch Sensitivity
- (29) Fixed Data
- (30) Left Pedal Function
- (31) Absolute tempo low byte
- (32) Absolute tempo high byte

- “—” indicates no affect.
- Panel data send requests cannot be received.

7. SYSTEM EXCLUSIVE MESSAGES (Universal System Exclusive)

(1) Universal Realtime Message

Data format: [F0H] -> [7FH] -> [XnH] -> [04H] -> [01H] -> [//H] -> [mmH] -> [F7H]

MIDI Master Volume

- Simultaneously changes the volume of all channels.
- When a MIDI master volume message is received, the volume only has affect on the MIDI receive channel, not the panel master volume.

F0H = Exclusive status
7FH = Universal Realtime
7FH = ID of target device
04H = Sub-ID #1=Device Control Message
01H = Sub-ID #2=Master Volume
//H = Volume LSB
mmH = Volume MSB
F7H = End of Exclusive

or
F0H = Exclusive status
7FH = Universal Realtime
XnH = When n is received n=0~F, whichever is received.
X = don't care
04H = Sub-ID #1=Device Control Message
01H = Sub-ID #2=Master Volume
//H = Volume LSB
mmH = Volume MSB
F7H = End of Exclusive

(2) Universal Non-Realtime Message (GM On)

General MIDI Mode On

Data format: [F0H] -> [7EH] -> [XnH] -> [09H] -> [01H] -> [F7H]

F0H = Exclusive status
 7EH = Universal Non-Realtime
 7FH = ID of target device
 09H = Sub-ID #1=General MIDI Message
 01H = Sub-ID #2=General MIDI On
 F7H = End of Exclusive

or

F0H = Exclusive status
 7EH = Universal Non-Realtime
 XnH = When received, n=0~F.
 X = don't care
 09H = Sub-ID #1=General MIDI Message
 01H = Sub-ID #2=General MIDI On
 F7H = End of Exclusive

When the General MIDI mode ON message is received, the MIDI system will be reset to its default settings.

This message requires approximately 50ms to execute, so sufficient time should be allowed before the next message is sent.

8. SYSTEM EXCLUSIVE MESSAGES (XG Standard)

(1) XG Native Parameter Change

Data format: [F0H] -> [43H] -> [1nH] -> [4CH] -> [hhH] -> [mmH] -> [//H] -> [ddH] -> [F7H]

F0H = Exclusive status
 43H = YAMAHA ID
 1nH = When received, n=0~F.
 When transmitted, n=0.
 4CH = Model ID of XG
 hhH = Address High
 mmH = Address Mid
 //H = Address Low
 ddH = Data
 F7H = End of Exclusive

Data size must match parameter size (2 or 4 bytes).

When the XG System On message is received, the MIDI system will be reset to its default settings.

The message requires approximately 50ms to execute, so sufficient time should be allowed before the next message is sent.

(2) XG Native Bulk Data (reception only)

Data format: [F0H] -> [43H] -> [0nH] -> [4CH] -> [aaH] -> [bbH] -> [hhH] -> [mmH] -> [//H] -> [ddH] ->...-> [cCH] -> [F7H]

F0H Exclusive status
 43H YAMAHA ID
 0nH When received, n=0~F.
 When transmitted, n=0.
 4CH Model ID of XG
 aaH ByteCount
 bbH ByteCount
 hhH Address High
 mmH Address Mid
 //H Address Low
 ddH Data
 cCH Check sum
 F7H End of Exclusive

- Receipt of the XG SYSTEM ON message causes reinitialization of relevant parameters and Control Change values. Allow sufficient time for processing to execute (about 50 msec) before sending the YDP-101 another message.

- XG Native Parameter Change message may contain two or four bytes of parameter data (depending on the parameter size).

- For information about the Address and Byte Count values, refer to Table 1 below. Note that the table's Total Size value gives the size of a bulk block. Only the top address of the block (00H, 00H, 00H) is valid as a bulk data address.

9. SYSTEM EXCLUSIVE MESSAGES (YDP-101 MIDI Format)

Data format: [F0H] -> [43H] -> [73H] -> [xxH] -> [nnH] -> [F7H]

F0H = Exclusive status
 43H = Yamaha ID
 73H = YDP ID
 5FH = Product ID
 nnH = Substatus
 nn Control
 02H Internal MIDI clock
 03H External MIDI clock
 06H Bulk Data (the bulk data follows 06H)
 F7H = End of Exclusive

* When nn=02H or 03H, YDP common ID (01H) is recognized as well as 5FH.

BULK DUMP FORMAT

F0H, 43H, 73H
 5FH =Product ID
 06H =Bulk ID
 05H =Sequence data
 0nH, 0nH, 0nH, 0nH, 0nH, 0nH, 0nH, 0nH =Data length
 [BULK DATA]
 [CHECK SUM (1byte)] = 0-sum (BULK DATA)
 F7H = End of Exclusive

10. SYSTEM EXCLUSIVE MESSAGES (Special Control)

Data format: [F0H] -> [43H] -> [73H] -> [xxH] -> [11H] -> [0nH] -> [ccH] -> [vvH] -> [F7H]

F0H = Exclusive status
 43H = Yamaha ID
 73H = YDP ID
 5FH = Product ID
 11H = Special control
 0nH = Control MIDI change (n=channel number)
 cc = Control number
 vv = Value
 F7H = End of Exclusive

Control	0n	ccH	vvH
Metronome	Always 00H	1BH	00H : off 01H : - 02H : 2/4 03H : 3/4 04H : 4/4 06H : 6/4 7FH : No accent
Channel Detune	ch: 00H-0FH	43H	(Sets the Detune value for each channel) 00H-7FH
Voice Reserve	ch: 00H-0FH	45H	00H : Reserve off 7FH : on*

* When Volume, Expression is received for Reserve On, they will be effective from the next Key On. Reserve Off is normal.

11. SYSTEM EXCLUSIVE MESSAGES (Others)

Data format: [F0H] -> [43H] -> [1nH] -> [27H] -> [30H] -> [00H] -> [00H] -> [mmH] -> [//H] -> [ccH] -> [F7H]

Master Tuning (XG and last message priority) simultaneously changes the pitch of all channels.

F0H = Exclusive Status
 43H = Yamaha ID
 1nH = Transmission from n=YDP-101 is always 0.
 0-F is received.
 27H = Model ID of TG100
 30H = Sub ID
 00H =
 00H =
 mmH = Master Tune MSB
 //H = Master Tune LSB
 ccH = don't care (under 7FH)
 F7H = End of Exclusive

<Table 1>

MIDI Parameter Change table (SYSTEM)

Address (H)	Size (H)	Data (H)	Parameter	Description	Default value (H)
00 00 00	4	020C - 05F4(*1)	MASTER TUNE	-50 - +50[cent] 1st bit 3 - 0 → bit 15 - 12	00 04 00 00 400
01				2nd bit 3 - 0 → bit 11 - 8	
02				3rd bit 3 - 0 → bit 7 - 4	
03				4th bit 3 - 0 → bit 3 - 0	
04	1	00 - 7F	MASTER VOLUME	0 - 127	7F
05	1	—	—	—	—
06	1	34 - 4C(*2)	TRANSPOSE	-12 - +12[semitones]	40
7E		00	XG SYSTEM ON	00=XG sytem ON	
7F		00	RESET ALL PARAMETERS	00=ON (receive only)	
TOTAL SIZE	07				

*1: Values lower than 020CH select -50 cents. Values higher than 05F4H select +50 cents.

*2: Values from 28H through 33H are interpreted as -12 through -1. Values from 4DH through 58H are interpreted as +1 through +12.

<Table 2>

MIDI Parameter Change table (EFFECT 1)

Refer to the "Effect MIDI Map" for a complete list of Reverb type numbers.

Address (H)	Size (H)	Data (H)	Parameter	Description	Default value (H)
02 01 00	2	00-7F	REVERB TYPE MSB	Refer to Effect MIDI Map	01(=HALL1)
		00-7F	REVERB TYPE LSB	00 : basic type	00

● Effect MIDI Map

REVERB

	MSB	LSB
ROOM	02H	10H
HALL 1	01H	10H
HALL 2	01H	11H
STAGE	03H	10H

MIDI Implementation Chart

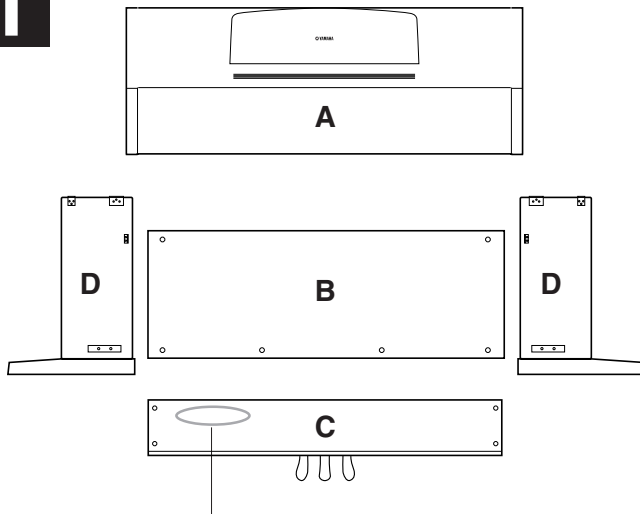
Function	Transmitted	Recognized	Remarks
Basic Default Channel Changed	1 1~16	1 1~16	
Mode Default Messages Altered	3 × *****	1 × ×	*1 Poly Mode only
Note Number : True voice	9~120 *****	0~127 21~108	
Velocity Note on Note off	○ 9nH, v=1~127 × 9nH, v=0	○ v=1~127 ×	
After key's Touch Ch's	× ×	× ×	
Pitch Bender	×	×	
Control Change	0, 32 ○ 07 × 11 × 64 ○ 66 ○ 67 ○ 91 ○ 120 × 121 ×	○ ○ ○ ○ ○ ○ ○ ○ ○	Bank Select Volume Expression Damper Sostenuto Soft pedal Reverb Depth All sounds off Reset All Controllers
Program Change : True #	○ *****	○	
System Exclusive	○	○	
System : Song Position : Song Select Common : Tune	× × ×	× × ×	
System : Clock Real Time : Commands	○ ○	○ ○	
Aux : Local ON/OFF : All Notes Off Messages : Active Sense : Reset	× ○ ○ ×	○ ○ (123~127) ○ ×	

Notes : *1 = Recieve Mode is always multi timbre and Poly mode.

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

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

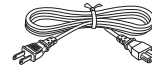
○: Yes
×: No



- Bundled pedal cord inside
- Gebündeltes Pedalkabel
- Cordon de pédalier enroulé à l'intérieur
- Cable de pedales enrollado en el interior



- Cord holders x 2
- Kabelhalter x 2
- Serre-câble x 2
- Soportes de cable x 2



- AC power cord
- Netzkabel
- Cordon d'alimentation
- Cable de alimentación de CA



- 6 x 35 mm round-head screws x 4 ①
- 6 x 35 mm Halbrundschraben x 4 ①
- Vis à tête ronde de 6 x 35 mm x 4 ①
- Tornillos de cabeza redonda de 6 x 35 mm x 4 ①



- 4 x 10 mm round-head screws x 2 ②
- 4 x 10 mm Halbrundschraben x 2 ②
- Vis à tête ronde de 4 x 10 mm x 2 ②
- Tornillos de cabeza redonda de 4 x 10 mm x 2 ②



- 4 x 16 mm tapping screws x 4 ③
- 4 x 16 mm Schneidschrauben x 4 ③
- Vis auto-taraudeuses 4 x 16 mm x 4 ③
- Tornillos de autoenrosque de 4 x 16 mm x 4 ③



- 6 x 16 mm flat-head screws x 4 ④
- 6 x 16 mm Senkschrauben x 4 ④
- Vis à tête plate de 6 x 16 mm x 4 ④
- Tornillos de cabeza plana de 6 x 16 mm x 4 ④

Keyboard Stand Assembly



- Be careful not to confuse parts, and be sure to install all parts in the correct direction. Please assemble in accordance with the sequence given below.
- Assembly should be carried out by at least two persons.
- Be sure to use the correct screw size, as indicated above. Use of incorrect screws can cause damage.
- Be sure to tighten up all screws upon completing assembly of each unit.
- To disassemble, reverse the assembly sequence given below.

1 Open the box and remove all the parts.

On opening the box you should find the parts shown in the illustration above. Check to make sure that all the required parts are provided.

2 Untie the vinyl tie.

Untie the vinyl tie and straighten out the bundled cord attached to the bottom of the pedal box. Don't discard the vinyl tie, you'll need it later in step 6.

3 Attach the side panels (D) to the pedal box (C).

Place the pedal box on top of the wooden blocks attached to the side panels (D), and while eliminating any gaps between the pedal box and side panels, attach using the four 6 x 35 millimeter round-head screws ① — two screws on each side. Make sure the pedals extend in the same direction as the side panel feet.

Zusammenbau und Aufstellung



- Achten Sie darauf, die Teile nicht zu verwechseln, und installieren Sie alle Teile in der richtigen Ausrichtung. Gehen Sie beim Zusammenbau bitte in der angegebenen Reihenfolge vor.
- Die Montage sollte von mindestens zwei Personen vorgenommen werden.
- Achten Sie darauf, die richtige Schraubengröße zu verwenden, wie es oben gezeigt ist. Die Verwendung der falschen Schrauben kann zu Schäden führen.
- Achten Sie während der Montage darauf, bei jedem Arbeitsgang alle Schrauben festzuziehen.
- Für die Demontage muß die angegebene Reihenfolge umgekehrt befolgt werden.

1 Öffnen Sie den Karton und nehmen Sie alle Teile heraus.

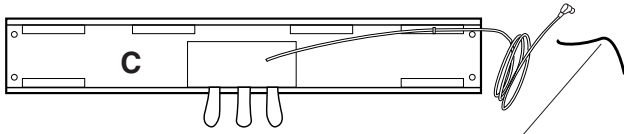
Im Karton sollten die oben abgebildeten Teile enthalten sein. Prüfen Sie zunächst bitte, ob alle Teile vollständig vorhanden sind.

2 Entfernen Sie den Kabelbinder.

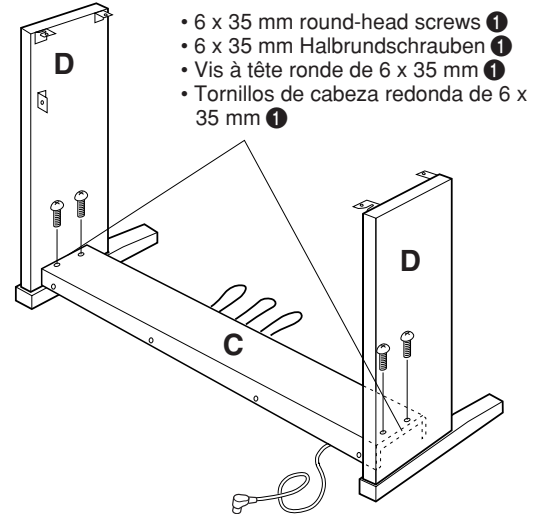
Lösen Sie den Kabelbinder, um das unten am Pedalkasten angebrachte Kabel dann bis zur vollen Länge zu ziehen. Werfen Sie den Kabelbinder nicht weg — er wird in Schritt 6 wieder gebraucht.

3 Befestigen Sie die Seitenwände (D) am Pedalkasten (C).

Stellen Sie den Pedalkasten auf die Holzblöcke an den Seitenwänden (D), um ihn dann mit vier 6 x 35 mm Halbrundschraben ① (jeweils zwei Schrauben links und rechts) so an den Seitenwänden festzuschrauben, daß kein Zwischenraum verbleibt. Achten Sie dabei darauf, daß die Pedale in dieselbe Richtung weisen wie die vordringenden Teile der Füße.

2

- This vinyl tie will be used later in step **6**.
- Dieser Kabelbinder wird später in Schritt **6** wieder gebraucht.
- Le ruban vinylique sera utilisé ultérieurement au cours de l'opération **6**.
- Esta abrazadera se utilizará más adelante en el paso **6**.

3

- 6 x 35 mm round-head screws **1**
- 6 x 35 mm Halbrundsrauben **1**
- Vis à tête ronde de 6 x 35 mm **1**
- Tornillos de cabeza redonda de 6 x 35 mm **1**

Assemblage du support de clavier



- Veiller à ne pas mélanger les pièces et à les installer dans le sens correct. Veuillez assembler l'instrument dans l'ordre indiqué ci-dessous.
- La présence de deux personnes minimum est nécessaire pour procéder au montage.
- Toujours utiliser des vis aux dimensions correctes, comme indiqué ci-dessus. L'utilisation de vis aux dimensions incorrectes pourrait en effet endommager l'instrument.
- Resserrer convenablement toutes les vis après le montage de chaque élément.
- Pour démonter le YDP-101, inverser l'ordre des indications données ci-dessous.

1 Ouvrez le carton et retirez toutes les pièces

Les pièces indiquées sur l'illustration devraient toutes se trouver dans le carton. Vérifiez qu'il n'en manque aucune.

2 Détachez l'attache en ruban vinylique

Détachez l'attache en ruban vinylique puis allonger le cordon enroulé qui est fixé à la base du coffret de pédalier. Ne jetez pas l'attache en ruban vinylique car vous en aurez besoin ultérieurement au cours de l'opération **6**.

3 Fixez les panneaux latéraux (D) au pédalier (C)

Placez le coffret de pédalier sur des blocs de bois fixés aux panneaux latéraux (D) et tout éliminant le moindre espace entre le coffret de pédalier et les panneaux latéraux, fixez-le à l'aide de quatre vis de fixation à tête ronde de 6 x 35 millimètres **1**, deux vis de fixation à monter de chaque côté. Vérifiez que les pédales ressortent dans le même sens que le panneau latéral aux pieds.

Conjunto del soporte del teclado



- Observe cuidado para no confundir las piezas, y asegúrese de montar todas ellas en el sentido correcto. Proceda al montaje en el orden indicado a continuación.
- El montaje deberá realizarse al menos por dos personas.
- Procure utilizar los tornillos del tamaño adecuado, según se indica arriba. El empleo de tornillos inadecuados puede ocasionar daños en el instrumento.
- Asegúrese de apretar bien todos los tornillos después de montar cada unidad.
- Para desmontar las unidades, invierta la secuencia de montaje facilitada a continuación.

1 Abra la caja y extraiga todas las partes.

Al abrir la caja deberá encontrar todas las partes mostradas en la ilustración. Compruebe para asegurarse que se proporcionan todas las partes necesarias.

2 Desate la abrazadera de vinilo.

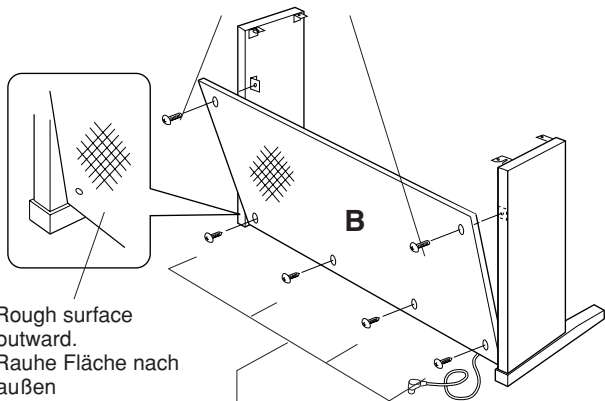
Desate la abrazadera de vinilo y enderezca el cable plegado unido a la parte inferior de la caja de pedales. No tire la abrazadera de vinilo, porque la necesitará en el paso **6**.

3 Acople los paneles laterales (D) en la caja de pedales (C).

Ponga la caja de pedales encima de bloques de madera unidos a los paneles laterales (D), y mientras suprime los huelgos entre la caja de pedales y los paneles laterales, una empleando los cuatro tornillos de cabeza redonda de 6 x 35 milímetros **1**, dos tornillos en cada lado. Asegúrese de que los pedales se extienden en la misma dirección que las patas del panel lateral.

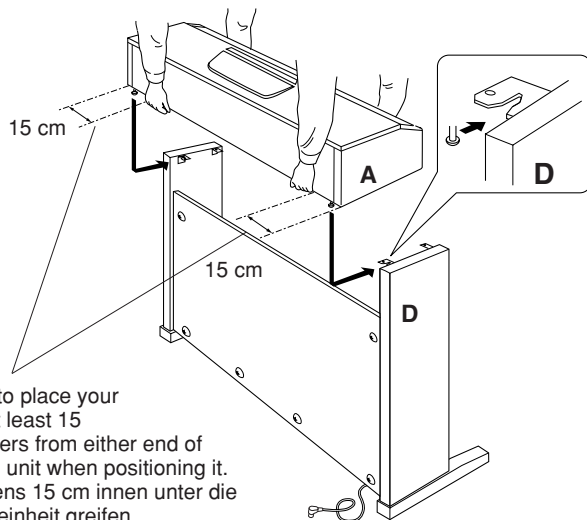
4

- 4 x 10 mm round-head screws ②
- 4 x 10 mm Halbrundsrauben ②
- Vis à tête ronde de 4 x 10 mm ②
- Tornillos de cabeza redonda de 4 x 10 mm ②



- Rough surface outward.
- Rauhe Fläche nach außen
- Surface rugueuse dirigée vers l'extérieur.
- Superficie redonda hacia afuera.

- 4 x 16 mm tapping screws ③
- 4 x 16 mm Schneidschrauben ③
- Vis auto-taraudeuses 4 x 16 mm ③
- Tornillos de autoenrosque de 4 x 16 mm ③

5

- Be sure to place your hands at least 15 centimeters from either end of the main unit when positioning it.
- Mindestens 15 cm innen unter die Tastatureinheit greifen.
- Placez bien vos mains à 15 cm au moins des extrémités du clavier, lors de sa mise en place.
- Asegúrese de colocar las manos por lo menos a 15 centímetros desde los extremos de la unidad principal cuando la sitúe.

4 Attach the rear panel (B).

With the rear panel's rough surface facing outward and the panel slightly angled as shown in the illustration, lower it onto the feet's protruding edge at the rear of the pedal box. Then, while eliminating any gaps between the rear and side panels, secure the top of the rear panel to the side panel brackets using two 4 x 10 mm round-head screws ②. Finally, secure the bottom of the rear panel to the pedal box using four 4 x 16 mm tapping screws ③.

5 Install the main unit (A).

Place the main unit (A) on the side panels (D) with the screws on its bottom panel (toward the rear of the main unit) just behind the grooves in the brackets located at the top of the side panels. Then slide the main unit forward until it stops. **WATCH YOUR FINGERS WHEN DOING THIS!!**

Align the holes on the bottom panel of the main unit with the holes in the brackets on the side panels (also center the main unit to produce equal clearance on the left and right sides, as shown in the illustration), then screw in and securely tighten the four 6 x 16 millimeter flat-head screws ④.



- Do not hold the keyboard in any position other than the position shown in the above illustration.
- Fingers can become pinched between the main unit and the rear or side panels, be extra careful so as not to drop the main unit.

6 Connect the pedal cord.

The pedal cord from the pedal box must be plugged into the PEDAL connector on the rear of the main unit. Once connected, attach the cord holders to the rear panel as shown, then clip the cord into the holders.

4 Montieren Sie die Rückwand (B).

Setzen Sie die Rückwand mit der rauhen Fläche nach außen und leicht abgewinkelt, wie in der Abbildung gezeigt, hinter dem Pedalkasten auf die hervorstehenden Kanten der Füße auf. Schrauben Sie dann die Rückwand oben mit zwei 4 x 10 mm Halbrundsrauben ② so an den Seitenwänden fest, daß kein Spiel zwischen Rückwand und Seitenwänden verbleibt. Schrauben Sie die Rückwand abschließend noch mit vier 4 x 16 mm Schneidschrauben ③ an den Pedalkasten.

5 Montieren Sie die Tastatureinheit (A).

Setzen Sie die Tastatureinheit (A) so auf den fertigen Ständer, daß die beiden Schrauben an ihrer Unterseite hinter den Winkelblechen mit Führungsschlitz an der Hinterseite des Ständers zu liegen kommen. Schieben Sie die Tastatureinheit dann bis zum Anschlag in die Schlitze. **KLEMMEN SIE IHRE FINGER DABEI NICHT EIN!!**

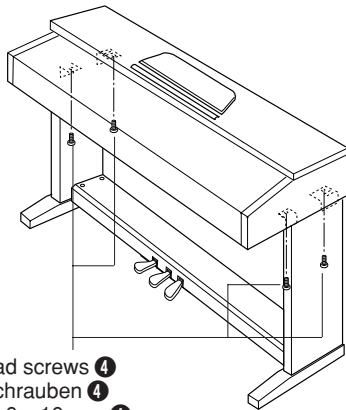
Richten Sie die Schraubenbohrungen an der Unterseite der Tastatureinheit mit den Bohrungen der Winkelbleche aus (achten Sie auch darauf, daß sie mittig auf dem Ständer steht, wie in der Abbildung gezeigt). Schrauben Sie die Tastatureinheit dann mit den vier 6 x 16 mm Senkschrauben ④ am Ständer fest.



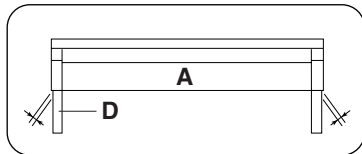
- Halten Sie die Tastatureinheit nur wie in der obigen Abbildung!
- Achten Sie darauf, daß Sie Ihre Finger nicht zwischen Tastatureinheit und den Seitenwänden bzw. der Rückwand einklemmen — die Tastatureinheit könnte dadurch zu Fall kommen!

6 Schließen Sie das Pedalkabel an.

Das vom Pedalkabel kommende Kabel wird an die PEDAL-Buchse an der Rückseite der Tastatureinheit angeschlossen. Bringen Sie nach dem Anschluß die Kabelhalter an der Rückwand an, um das Kabel dann in diese Halter zu klemmen.



- 6 x 16 mm flat-head screws ④
- 6 x 16 mm Senkschrauben ④
- Vis à tête plate de 6 x 16 mm ④
- Tornillos de cabeza plana de 6 x 16 mm ④



④ Fixez le panneau arrière (B)

Tout en dirigeant la surface rugueuse du panneau arrière vers l'extérieur et inclinant le panneau comme représenté sur l'illustration, abaissez-le sur le rebord des pieds, à l'arrière du pédalier. Puis, tout en éliminant les espaces entre les panneaux arrière et latéraux, fixez le haut du panneau arrière sur les supports des panneaux latéraux à l'aide de deux vis à tête ronde 4 x 10 mm ②. Et finalement, fixez le bas du panneau arrière au pédalier avec quatre vis auto-taraudeuses 4 x 16 mm ③.

⑤ Posez le clavier (A)

Placez le clavier sur les panneaux latéraux (D), avec les vis de son panneau inférieur (situées vers l'arrière du clavier) placées immédiatement derrière les rainures des ferrures situées à la partie supérieure des panneaux latéraux (D), puis faites glisser le clavier vers l'avant jusqu'à ce qu'il vienne en butée. **FAITES ATTENTION A VOS DOIGTS EN EXECUTANT CETTE OPERATION!!** Alignez les trous du panneau inférieur du clavier sur les trous des ferrures des panneaux latéraux (centrez également le clavier de manière à avoir un jeu identique de chaque côté) puis posez et serrez à fond les quatre vis à tête plate de 6 x 16 millimètres ④.

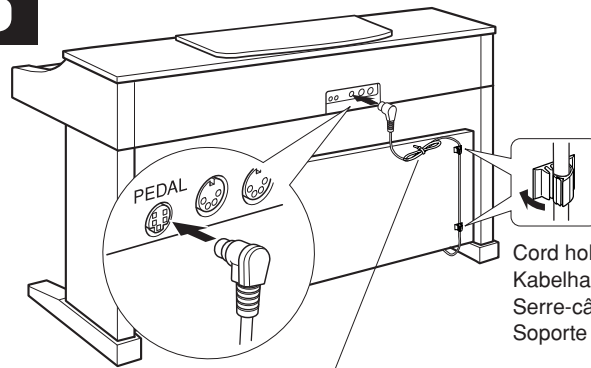


- Ne tenez pas le clavier d'une autre manière que celle indiquée sur l'illustration ci-dessus.
- Attention car vous risquez de vous faire pincer les doigts entre le clavier et les panneaux arrière ou latéraux de sorte que vous devez veiller à ne pas faire tomber le clavier.

⑥ Raccordez le câble du pédalier

Le câble du pédalier qui sort du logement de pédalier doit être raccordé au connecteur PEDAL implanté sur la face arrière du clavier. Une fois branché, fixez les attaches de câble sur la face arrière en procédant de la façon représentée sur la figure puis emboîtez le câble dans les attaches.

6



Cord holder
Kabelhalter
Serre-câble
Soporte del cable

- Use the vinyl tie that was removed from the bundled pedal cord in step ② to tie up any slack in the pedal cord.
- Nehmen Sie überlanges Kabel mit dem in Schritt ② entfernten Kabelbinder auf.
- Utilisez l'attache en vinyle qui a été enlevée du cordon de pédalier à l'étape ② pour attacher le fil excédentaire du cordon de pédalier.
- Emplee la abrazadera de vinilo que se sacó del cable plegado de los pedales en el paso ② para fijar el cable de pedales sobrante.

④ Monte el panel trasero (B).

Con la superficie tosca del panel trasero encarada hacia afuera y el panel un poco inclinado en ángulo como se muestra en la ilustración, bájelo al borde saliente de las patas de la parte posterior de la caja de pedales. Entonces, mientras elimina los huecos entre los paneles trasero y lateral, fije la parte superior del panel trasero a las ménsulas de panel lateral usando dos tornillos de cabeza redonda de 4 x 10 mm ②. Finalmente, fije la parte inferior del panel trasero a la caja de pedales usando cuatro tornillos de autoenroscado de 4 x 16 mm ③.

⑤ Instale la unidad principal (A).

Coloque la unidad principal en los paneles laterales (D) con los tornillos de su panel inferior (hacia la parte posterior de la unidad principal) justo detrás de las ranuras de la ménsula ubicada en la parte superior de los paneles laterales (D), después deslice el teclado hacia adelante hasta que se pare. **¡TENGA CUIDADO CON SUS DE-DOS MIENTRAS LO HACE!**

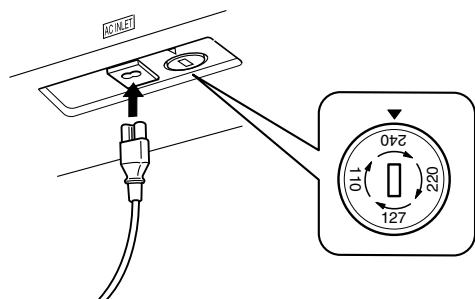
Alinee los orificios del panel inferior de la unidad principal con los orificios de las ménsulas de los paneles laterales (también centre la unidad principal para producir una holgura igual en los lados derecho e izquierdo, como se muestra en la ilustración), después enrosque y apriete bien los cuatro tornillos de cabeza plana de 6 x 16 mm ④.



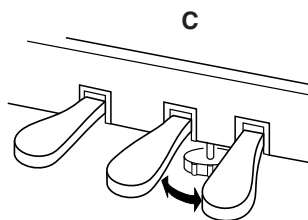
- No sostenga el teclado en ninguna posición que no sea la posición mostrada en la ilustración de arriba.
- Podría pillarse los dedos ente la unidad principal y los paneles traseros o laterales, por lo que deberá tener mucho cuidado que no se caiga la unidad principal.

⑥ Conecte el cable de los pedales.

El cable de los pedales procedente de la caja de pedales debe enchufarse al conector PEDAL de la parte posterior de la unidad principal. Una vez se ha conectado, coloque los soportes de cable del panel posterior como se muestra, y sujete el cable en los soportes.

7

- A voltage selector is provided in some areas.
- Spannungswähler (nur in bestimmten Verkaufsgebieten)
- Un sélecteur de tension est prévu pour certaines régions
- El selector de tensión está provisto para ciertos destinos.

8

7 Voltage Selector and AC power cord.

Before connecting the AC power cord, check the setting of the voltage selector which is provided in some areas. To set the selector for 110V, 127V, 220V or 240V main voltages, use a “minus” screwdriver to rotate the selector dial so that the correct voltage for your region appears next to the pointer on the panel. The voltage selector is set at 240V when the unit is initially shipped.

After the proper voltage has been selected, connect the AC power cord to the AC INLET and an AC wall outlet. A plug adaptor may be also provided in some areas to match the pin configuration of the AC wall outlets in your area.



- An improper voltage setting can cause serious damage to the YDP-101 or result in improper operation.

8 Set the adjuster.

For stability, an adjuster is provided on the bottom of the pedal box (C). Rotate the adjuster until it comes in firm contact with the floor surface. The adjuster ensures stable pedal operation and facilitates pedal effect control. If the adjuster is not in firm contact with the floor surface, distorted sound may result.

■ After completing the assembly, please check the following.

- Are there any parts left over?
 - Review the assembly procedure and correct any errors.
- Is the YDP-101 clear of doors and other movable fixtures?
 - Move the YDP-101 to an appropriate location.
- Does the YDP-101 make a rattling noise when you shake it?
 - Tighten all screws.
- Does the pedal box rattle or give way when you step on the pedals?
 - Turn the adjuster so that it is set firmly against the floor.
- Is the pedal cord inserted securely into the socket?
 - Check the connection.
- If the main unit creaks or is otherwise unsteady when you play on the keyboard, refer to the assembly diagrams and retighten all screws.

7 Spannungswähler und Netzkabel.

Bevor Sie nun das Netzkabel anschließen, müssen Sie den Spannungswähler (falls vorhanden) auf die örtliche Netzspannung einstellen. Zum Verstellen drehen Sie den Spannungswähler mit einem Schlitzschraubendreher, bis der richtige Spannungswert (110, 127, 220 oder 240) an der Pfeilmarkierung steht. Bei der Auslieferung werden alle Instrumente mit Spannungswähler auf “240” voreingestellt.

Nachdem Sie den Spannungswähler auf den richtigen Spannungswert eingestellt haben, stecken Sie das Netzkabel in die AC INLET-Buchse und schließen es an eine Steckdose an. In manchen Gebieten wird ein Steckeradapter mitgeliefert, um den Anschluß an die evtl. unterschiedlich geformte Steckdose zu ermöglichen.



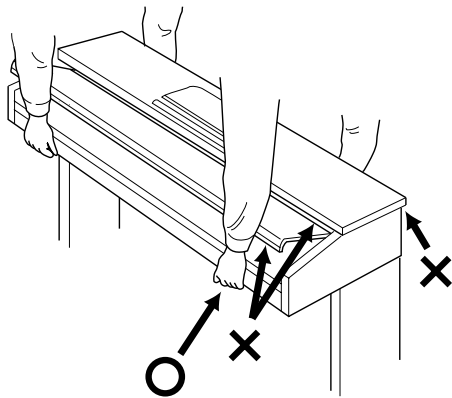
- Eine falsche Spannungseinstellung kann das YDP-101 schwer beschädigen und Funktionsstörungen zur Folge haben.

8 Justieren Sie schließlich noch den Höhenversteller.

Zur Stabilisierung ist an der Unterseite des Pedalkastens (C) ein Höhenversteller vorgesehen. Schrauben Sie den Höhenversteller heraus, bis er fest auf dem Fußboden steht. Der Höhenversteller sorgt für stabile Pedalbetätigung und ermöglicht eine präzise Regelung des Betätigungshubs. Wenn er nicht fest auf dem Boden steht, können beim Treten der Pedale Klangverzerrungen auftreten.

■ Wenn der Zusammenbau beendet ist, prüfen Sie bitte folgende Dinge:

- Sind Teile übrig geblieben?
 - Gehen Sie den Vorgang des Zusammenbaus noch einmal durch und korrigieren Sie eventuelle Fehler.
- Befindet sich das YDP-101 weit genug von Türen und anderen beweglichen Vorrichtungen entfernt?
 - Bewegen Sie das YDP-101 an einen entsprechend sicheren Ort.
- Macht das YDP-101 Klappergeräusche, wenn Sie es schütteln?
 - Ziehen Sie alle Schrauben fest.
- Klappert der Pedalkasten oder gibt er nach, wenn Sie das Pedal treten?
 - Drehen Sie den Höhenversteller, bis er fest auf dem Fußboden steht.
- Ist das Pedalkabel fest angeschlossen?
 - Prüfen Sie die Verbindung.
- Wenn die Tastatureinheit knarrt oder beim Spielen wackelt, betrachten Sie die Abbildungen und ziehen Sie alle Schrauben noch einmal nach.



- When moving the instrument after assembly, always hold the lower surface of the main unit, NEVER the top portion. Improper handling can result in damage to the instrument or personal injury.



- Fassen Sie zum Umstellen des Instruments nach dem Zusammenbau stets unter das Gehäuse; heben Sie es NIEMALS am oberen Teil. Bei Nichtbeachtung dieses Punkts kann das Instrument beschädigt und im Extremfall eine Verletzung hervorgerufen werden.



- Pour déplacer l'instrument après le montage, toujours tenir l'instrument par la surface inférieure, JAMAIS par le couvercle. Une mauvaise manipulation peut provoquer des dommages ou des blessures.



- Cuando mueva el instrumento después del montaje, sostenga siempre la superficie inferior de la unidad principal. NUNCA por la parte superior. La manipulación indebida puede causar daños en el instrumento o personales.

7 Sélecteur de tension et cordon d'alimentation secteur

Avant de connecter le cordon d'alimentation, vérifiez le réglage du sélecteur de tension qui est prévu pour certaines régions. Pour régler le sélecteur sur 110 V, 127 V, 220 V ou 240 V, utilisez un tournevis à lame plate pour tourner le cadran du sélecteur afin de mettre l'indication correspondant à la tension de votre région vis à vis du repère triangulaire situé sur le panneau. Le sélecteur de tension est réglé sur 240 V au départ d'usine.

Après avoir choisi la tension appropriée, branchez le cordon d'alimentation secteur dans la prise AC INLET de l'instrument et une prise de sortie secteur. Un adaptateur de prise peut également être fourni dans certaines régions pour pouvoir brancher le cordon à la prise secteur murale.



- Vous risquez de sérieusement endommager le YDP-101 ou de provoquer un fonctionnement anormal de l'instrument en ne choisissant pas correctement la tension d'alimentation.

8 N'oubliez pas de régler la hauteur du pédalier

Pour assurer la stabilité du pédalier (C), un dispositif de réglage a été prévu à sa partie inférieure. Tournez ce dispositif jusqu'à ce qu'il soit en contact ferme avec la surface du sol. Ce dispositif assure la stabilité du pédalier lors de son utilisation et facilite la commande au pied des effets. Si ce dispositif n'est pas en contact ferme avec le sol, il pourra se produire une distorsion du son.

■ Lorsque le montage est terminé, veuillez mener à bien les vérifications suivantes.

- Reste-t-il des pièces non utilisées?
→ Passer en revue la procédure de montage et corriger toute erreur éventuelle.
- Le YDP-101 est-il placé à l'écart des portes et de toute autre structure mobile?
→ Déplacer le YDP-101 vers un emplacement approprié.
- Lorsque vous secouez quelque peu le YDP-101, entendez-vous un cliquetis?
→ Serrer convenablement toutes les vis.
- Le pédalier fait-il du bruit ou s'écarte-t-il lorsque vous appuyez sur les pédales?
→ Tourner le stabilisateur de sorte qu'il repose fermement sur le sol.
- Le cordon de pédale est-il enfoncé correctement dans la prise?
→ Vérifier toutes les connexions.
- Si la partie principale de l'appareil craque ou est instable lorsque vous jouez sur le clavier, consulter les diagrammes de montage et resserrer toutes les vis.

7 Selector de tensión y cable de alimentación de CA

Antes de conectar el cable de alimentación de CA, compruebe el ajuste del selector de tensión que se incorpora para ciertos destinos. Para ajustar el selector a 110V, 127V, 220V ó 240V de la red de alimentación, emplee un destornillador de cabeza recta "-" para girar el selector de modo que la tensión correcta de su zona aparezca al lado del indicador del panel. El selector de tensión se ajusta a 240V cuando la unidad sale de fábrica.

Después de haber seleccionado la tensión correcta, enchufe el cable de alimentación de CA a la toma AC INLET y a una toma de corriente de la pared. En algunas zonas puede suministrarse también un adaptador para adaptar la configuración de las patillas de los tomacorrientes de CA de su localidad.



- Un ajuste incorrecto de la tensión puede causar daños serios a la YDP-101 o ser motivo de mal funcionamiento.

8 Asegúrese de ajustar el ajustador.

Para la estabilidad del aparato, se proporciona un ajustador en la parte inferior de la caja de pedales (C). Gire el ajustador hasta que contacte firmemente con el suelo. El ajustador asegura una operación estable de los pedales y facilita el control del efecto de los pedales. Si el ajustador no contacta firmemente con el suelo, puede resultar en sonido distorsionado.

■ Cuando haya concluido el montaje, compruebe los siguientes puntos:

- ¿Ha quedado alguna pieza sin instalar?
→ Revise el procedimiento de montaje y corrija cualquier error que se haya podido cometer.
- ¿Está el YDP-101 alejado del recorrido de puertas y muebles?
→ Traslade el YDP-101 a una posición adecuada.
- ¿Suena algún ruido de holgura cuando se mueve el YDP-101?
→ Apriete con firmeza todos los tornillos.
- ¿Vibra o cede la caja de pedales cuando se pisan los pedales?
→ Gire el ajustador hasta que se apoye firmemente sobre el suelo.
- ¿Está el cable de los pedales insertado con seguridad en el conector?
→ Revise las conexiones.
- Si la unidad principal cruje o presenta algún signo de inestabilidad cuando se toca el teclado, consulte los esquemas de montaje y vuelva a apretar todos los tornillos.

Specifications/Technische Daten/Caractéristiques techniques/Especificaciones

KEYBOARD	88 KEYS (A-1 ~ C7)	
POLYPHONY	32 NOTES MAX.	
VOICE SELECTORS	5 voices + Variation for each voice	
REVERB	ROOM, HALL 1, HALL 2, STAGE	
TOUCH SENSITIVITY	HARD, MEDIUM, SOFT, FIXED	
RECORDER	1, 2, START/STOP, REC	
PEDAL CONTROLS	SOFT, SOSTENUTO, DAMPER	
OTHER CONTROLS	MASTER VOLUME, DEMO, TRANSPOSE, METRONOME, TEMPO [▲]/[▼], FUNCTION, SONG, SONG SELECT [▲]/[▼], LED Display	
JACKS/CONNECTORS	PHONES x 2, AUX OUT R & L/L+R, MIDI IN/OUT, PEDAL	
OUTPUT IMPEDANCE	AUX OUT: Output impedance 600 Ω	
MAIN AMPLIFIERS	20W x 2	
SPEAKERS	16 cm x 2	
DIMENSIONS (W x D x H)	Music stand down	1384 x 468 x 829 mm (54-1/2" x 18-1/2" x 32-5/8")
	Music stand up	1384 x 468 x 1001 mm (54-1/2" x 18-1/2" x 39-3/8")
WEIGHT	42.0 kg (92.6 lbs.)	

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U.S.A.

**Yamaha Corporation of America,
Keyboard Division**
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U.S.A.
Tel: 714-522-9011

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Moral, Deleg. Iztapalapa, 09300 Mexico, D.F.
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Yamaha Musical do Brasil LTDA.
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