GDP-200 Grand Digital Piano

Owner's Manual

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IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

AVIS : RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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

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

Examples of Picture Symbols

	denotes that care should be taken. The example instructs the user to take care not to allow fingers to be trapped.
	denotes a prohibited operation. The example instructs that disassembly of the product is prohibited.
	denotes an operation that should be carried out. The example instructs the user to remove the power cord plug from the AC outlet.

Read all the instructions before using the product.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING - When using electric products, basic precautions should always be followed, including the following.

⚠ **WARNING**   Indicates a potential hazard that could result in death or serious injury if the product is handled incorrectly.

The product should be connected to an AC outlet of the specified voltage.

120V   230V   240V

● If you are going to use an AC power cord, make sure that it has the correct plug shape and conforms to the specified power voltage.
● Failure to do so may result in fire.

Use only the AC adaptor included with this instrument to power the instrument.

⚠

● Do not use other AC adaptors to power this instrument.
● Do not use the included AC adaptor or AC power cord to power other equipment.

Do not insert or disconnect the power cord plug with wet hands.

Doing so may cause electric shock.

The chair must be used properly (it must be used only when playing the product).

● Do not play with it or stand on it.
● Only one person is allowed to sit on it.
● Do not sit on it when opening the lid.
● Re-tighten the bolts occasionally.

Doing so may cause the chair to fall over or your fingers to be trapped, resulting in injury.

When using the headphones, do not listen for long periods of time at high volume levels.

Doing so may result in hearing problems.

Do not lean against the keyboard.

Doing so may cause the product to fall over, resulting in injury.

Do not disassemble, repair or modify the product.
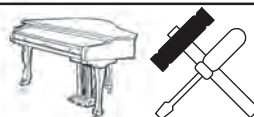
Doing so may result in product breakdown, electric shock or short-circuit.

When disconnecting the AC power cord's plug, always hold the plug and pull it to remove it.

● Pulling the AC power cord itself may damage the cord, causing a fire, electric shock or short-circuit.

The product is not completely disconnected from the power supply even when the power switch is turned off. If the product will not be used for a long time, unplug the AC power cord from the AC outlet.

● Failure to do so may cause fire in case of lightning.
● Failure to do so   may over-heat the product, resulting in fire.

This product may be equipped with a polarised line plug (one blade wider than the other). This is a safety feature.
If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet.
Do not defeat the safety purpose of the plug.
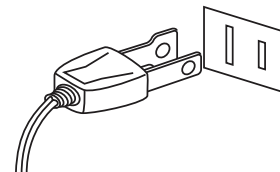
It is a good practice to place the instrument near the AC outlet and to place the power cord plug in a position that allows the plug to be disconnected easily in the event of an emergency. Electricity is always charging while the plug is in the AC outlet even when the power switch is in the 'OFF' position.

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General Precautions

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER OR BACK
NO USER–SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL
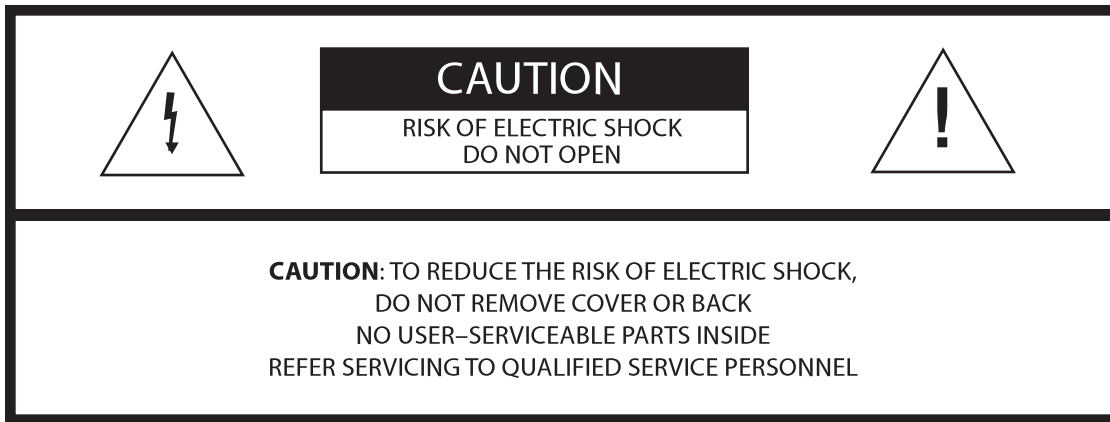
INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

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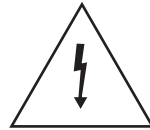
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and maintenance or servicing instructions.

1. CAUTION: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. Note: This equipment has been tested and found to comply with the limit for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a noncommercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Welcome

We would like to express our appreciation and congratulate you for purchasing this grand digital piano. This piano has been designed to provide you with years of musical enjoyment. State of the art electronics are combined with an elegant cabinet that will add beauty and sophistication to any home environment. Listed Below are just a few of the features that your new piano is equipped with:

- Elegant Hand Rubbed Lacquer Grand Piano Fits Any Sized Room – It's Less Than 3' Deep!

- Feature Packed Entertainment Center is Fun For the Whole Family – It's More Than Just a Piano!

- Play Hundreds of Optional Music Files. Jazz, Pop, Classical, Rock, Country & More!

- Compose and Store Your Own Songs with Built–in Multi Track Recorder

- Choose From 137 Instrument Voices Including Stereo Grand Piano and 100 Accompaniment Styles

- Advanced Graded Hammer Action Keyboard Has Authentic Acoustic Piano Touch and Feel – Teacher Recommended!

- Built–In Music Teacher with Verbal and Screen Grading

- Concert Hall Sound System Has 120 Watts of Power and 4 High Performance Speakers

- USB Jump Drive Plays Pre–recorded Music – You Can Even Record Practice Sessions

- Interface Your Computer with On–Board MIDI and USB ports

- Never Needs Tuning

- Practice in Private with Headphones (optional)

You will find many more features and functions listed within this owners manual. In order to fully appreciate all the impressive features of this digital piano, please take a few minutes to read the following pages of instruction. We will cover general precautions, assembly, the function of each control button, and warranty information.

Taking Care Of Your Digital Piano

This digital piano will supply you with years of musical enjoyment if you follow the simple rules listed below.

Important Safety Instructions

Warning

When using electrical products, basic safety precautions should always be followed, including the following:

Safety

Power Source – The product should always be connected to a power supply only of the type described in the operating instructions or as marked on the product.

Periods of Non–use – The power–supply cord of the product should be unplugged from the outlet when left unused for a long period of time.

Service And Modification

This product should be serviced by qualified service personnel when,

- The power supply cord or the plug has been damaged,
- Liquid has been spattered into the unit or it has been exposed to rain,
- The instrument does not appear to operate normally or exhibits a marked change in performance.
- The instrument has been dropped or the cabinet has been damaged.
- Do not attempt to open the piano or make any change in the circuits or parts of the unit.

Handling And Transport

- Never apply excessive force to the controls, connectors or other parts of the instrument.
- Always unplug cables by gripping the plug firmly, not by pulling on the cable.
- Disconnect all cables before moving the instrument.
- Physical shocks caused by dropping, bumping, or placing heavy objects on the instrument can result in scratches and/or more serious damage.
- Carefully check the amplifier volume control before starting to play. Excessive volume can cause permanent hearing loss.

Cleaning

- Clean the cabinet and panel with a soft nonabrasive dry cloth. This cloth should be for High Gloss Lacquer Finish Furniture. A wax based polish specifically for

High Gloss Lacquer Finish Furniture may be used on the cabinet. Do not use paint thinner or petrochemical based polishes.

- To maintain the luster of the keys and buttons wipe with a clean, slightly damp cloth, and then polish with a soft dry cloth.

Location

- Do not expose the instrument to the following conditions to avoid deformation, discoloration, or more serious damage:
- Direct sunlight (near a window)
- High temperatures (near a heat source, outside, or near a window)
- Excessive humidity
- Excessive dust
- Strong vibration
- Leave enough space around the piano for it to be properly ventilated.
- This instrument contains digital circuitry and may cause interference if placed too close to radio or television receivers. If interference occurs, move the instrument further away from the affected equipment.
- Avoid placing vinyl objects on top of the instrument, vinyl can stick to and discolor the surface.

Power

- Turn the power switch off when the instrument is not in use.
- To avoid damage to the instrument and other devices to which it is connected, turn the power switches of all related devices off prior to connection or disconnection of MIDI cables.
- Turn the power off if the main cable is damaged or the instrument is spattered with liquid.
- Do not switch the unit on and off in quick succession, this places an undue load on the electronic components.
- Unplug the AC power cord during an electrical storm.
- Avoid plugging the AC power cord into the same AC outlet as appliances with high power consumption, such as electric heaters or refrigerators.

Panel Controls
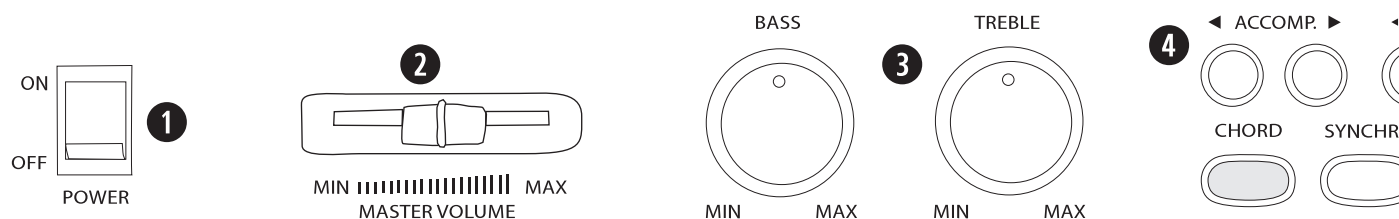
 The elegant control panel is divided into several distinct sections. The following is a brief description of all the features located on the control panel.

❶ **POWER SWITCH —** The power switch is located to the left of the keyboard. Press the button to turn the power on and off.

Note: *When you turn the power off, do not turn it back on immediately. Wait at least five seconds to turn the power back on so that the electronic circuits can properly reset.*

❷ **MASTER VOLUME —** Use this sliding control button to adjust the overall volume of the keyboard.

NOTE: *At higher volumes there maybe audio "clipping" or distortion depending on the frequencies being played*

❸ **BASS AND TREBLE KNOBS —** The two tone knobs "Bass and Treble" — With the Tone Knobs you can adjust the sound of your MGP-150 to your room or according to your taste. As a starting point, set both controls to their neutral 12 o'clock position. If you want more bass move the Bass control to the right and if you want less, move it to the left.

If you prefer a brighter sound move the Treble control to the right or move it to the left if you prefer a more "rounded" tone.

❹ **ACCOMPANIMENT VOLUME —** Press the left or right Accompaniment Volume Button to adjust the volume of the auto accompaniment only, the keyboard instrument voice will not be affected.

Note: *At higher volumes there maybe audio "clipping" or distortion depending on the frequencies being played*
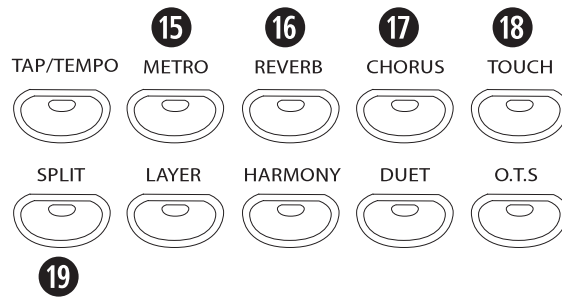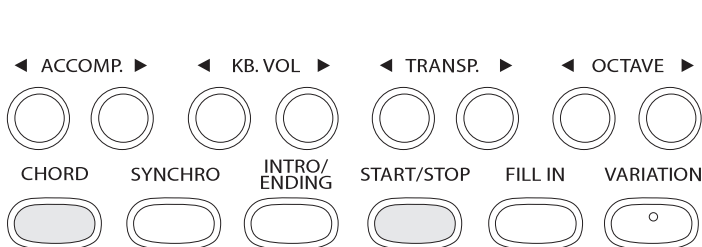
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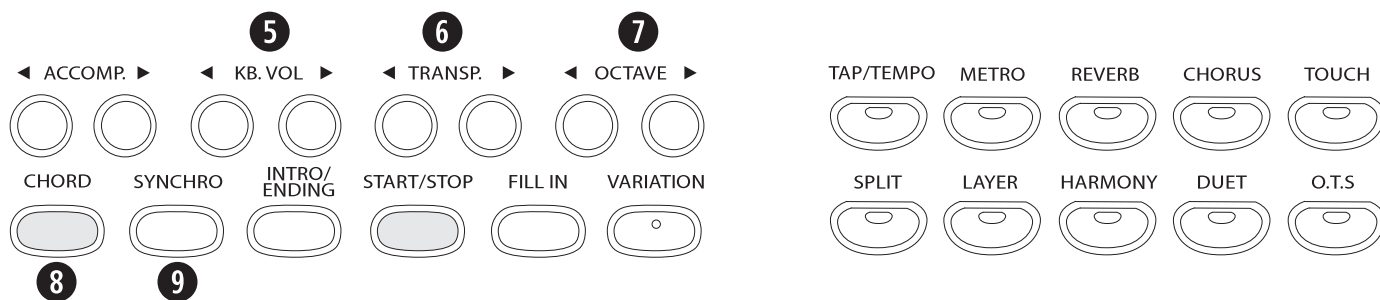
5 **KEYBOARD VOLUME —** Press the left or right Keyboard Volume Button to adjust the volume of the piano voice only or any of the 128 keyboard instrument sounds. The Accompaniment volume will not be affected.

6 **TRANSPOSE —** The transpose feature can shift the pitch of the keyboard up or down in semi tone intervals up to a maximum of 24 semi tones. Press one of the TRANSPOSE buttons and the current transpose value will appear on the display. Use the TRANSPOSE left or right arrow buttons to set the transpose value range from –12, one octave lower, to 12, one octave higher. Press the TRANSPOSE left or right arrow buttons simultaneously to recall the default value of 0. After three seconds the display will return to the currently selected instrument voice. Transpose does not affect notes that are currently playing. Transpose does not affect the percussion.

7 **OCTAVE —** Press one of the OCTAVE buttons and the current notes on the piano will shift either an Octave Up or an Octave Down. The Value will appear on the LCD Display.

8 **CHORD —** Each rhythm style has a fully orchestrated auto accompaniment pattern. These accompaniments are dedicated to the selected rhythm style, and will create rhythm, bass and chord accompaniments. The CHORD button selects the auto accompaniment mode. With this function engaged, the keys to the left side of the split point are the auto accompaniment section of the keyboard, while the keys to the right are available for normal playing.

The auto accompaniment fingering modes are single and fingered. You can select the mode by pressing the FUNCTION button – please refer to Chord Type.

9 **SYNCHRO —** Synchronized Start mode sets the auto accompaniment into standby mode. The rhythm style will start as soon as you play in the auto accompaniment section of the keyboard. The auto accompaniment will start with the first recognized chord played in the auto accompaniment section of the keyboard, depending on which fingering mode is selected. Pressing the SYNCHRO button will stop the auto accompaniment and put the keyboard back on standby mode.

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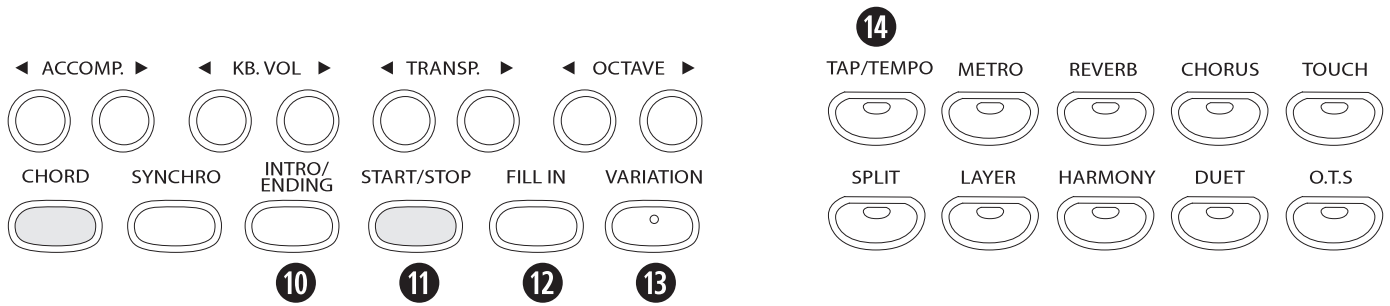
⑩ INTRO/ENDING — All of the 100 rhythm styles can be started or finished with an detailed individual introduction or ending pattern. When engaged, an introduction of rhythm pattern will start followed by the main pattern. With a rhythm or accompaniment pattern already engaged the accompaniment can be professionally completed with an ending pattern from the next measure by pressing the INTRO/ENDING button. If you press the fill–in button during the ending pattern it will return to the main accompaniment pattern.

⑪ START/STOP — This button starts or stops the selected rhythm style. The auto accompaniment will start with the first recognized chord played in the auto accompaniment section of the keyboard, depending on the fingering mode selected.

⑫ FILL IN — The fill–in provides the accompaniment with a short rhythm pattern of one or two measures for each style. Press the FILL IN button at any time while the accompaniment is playing to add a fill–in. If you hold down the FILL IN button, the fill–in pattern will repeat until the button is released, then the main pattern will play from the beginning of the next measure.

⑬ VARIATION — All of the 100 rhythm styles include a variation of that style that can be played simply by engaging the VARIATION button. Press the VARIATION button again to disengage and return to the main pattern.

⑭ TAP/TEMPO— This function allows you to set the rhythm tempo by tapping in temp on the TAP/TEMPO button. Tap the button 2 times while rhythm is playing and the rhythm temp is set as your desired speed.

If you want to set the tempo before starting rhythm, you have to tap the button 4 times.

| ◄ ACCOMP. ► | ◄ KB. VOL ► | ◄ TRANSP. ► | ◄ OCTAVE ► | | TAP/TEMPO | ⑮ METRO | ⑯ REVERB | ⑰ CHORUS | ⑱ TOUCH |

CHORD   SYNCHRO   INTRO/ENDING   START/STOP   FILL IN   VARIATION

SPLIT   LAYER   HARMONY   DUET   O.T.S

⑲

⑮ **METRONOME** — Metronome is a convenient feature for practice, and can also provide a solid rhythmic guide when recording.

The metronome sound is alternately turned on and off by pressing the METRO button. Press the FUNCTION button and use the + or – buttons to select Metrotype, then press the ENTER button and use the + or – button to set the time signature. Time signature: 1/4, 2/4, 3/4, 4/4,6/4, 3/8, 6/8,7/8,9/8 or 12/8

⑯ **REVERB** —The reverb effect is engaged automatically when the power is turned on. Reverb simulates the effect of playing in a big room or hall where the sound reverberates off the walls and ceiling. Press the REVERB button to turn off the reverb effect. You can switch the reverb feature on and off by pressing the REVERB button. Reverb depth can be changed in the function menu.

*Please see the Function Section for more information*

⑰ **CHORUS** — The Chorus type effect adds depth and spaciousness to the selected keyboard voice. Press the CHORUS button to engage the chorus effect and the indicator will light up. Press the button again to turn off the chorus effect. Chorus depth can be changed in the function menu.

Please see the Function Section for more information.

⑱ **TOUCH** — The touch response can be changed by using the + or – buttons after pressing the TOUCH button.

⑲ **SPLIT** —With the Lower feature engaged the keyboard operates in the "split"mode. In the Lower mode the keyboard is divided into two sections. In the right hand section the original and/or layered voice will sound, and in the left hand section a different voice can be assigned to sound when the keys are played. To select a new LOWER instrument voice use the + or – buttons within three seconds after the SPLIT button has been engaged.

More information regarding the SPLIT function can be found in the Function Section.
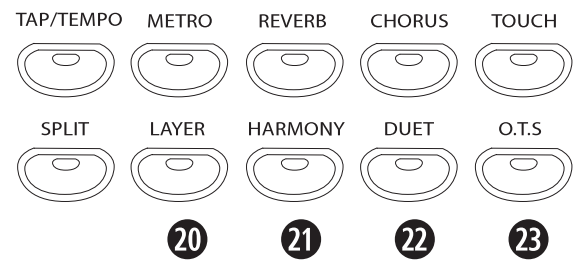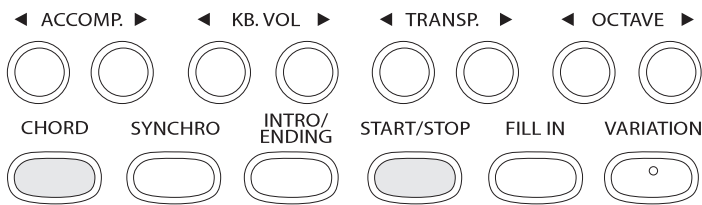
20 **LAYER —** Engaging the LAYER button will put the keyboard in the layer mode. Layer refers to an additional voice that is "tone mixed" with the already selected keyboard voice. The assigned layer voice will be heard together with the original voice. To select a new layered instrument voice use the + or – buttons within 3 seconds after the LAYER button has been engaged.

More information regarding the LAYER function can be found in the Function Section.

21 **HARMONY —** Harmony is used to enhance a single note melody line that you would play while the auto accompaniment is engaged. When the Harmony feature is engaged, the single note on the right–hand section of the piano will sound with additional auto harmony notes. The note played in the right–hand section of the piano determines the root key of the harmony. If more than one note is played only the highest note will add harmony.

Note: *The Harmony Feature is only available when the auto accompaniment is engaged.*

22 **DUET —** The keyboard is divided into two sections A1– C3 and C#3 –C7. Two sections have the same voice (master voice) and volume. This is a great feature for teaching or anytime two people want to play the piano simultaneously.

23 **OTS —** The One Touch Setting is a quick and easy way of reconfiguring voices and settings previously assigned by pressing only one button while you are playing.
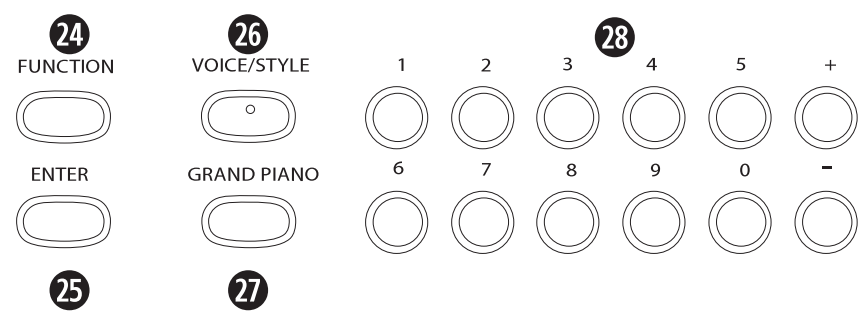
24 **FUNCTION** —The Function button is used to access the function menu. The function menu can be used to adjust or change the parameters of a number of settings

Please see the Function section of this manual for more information.

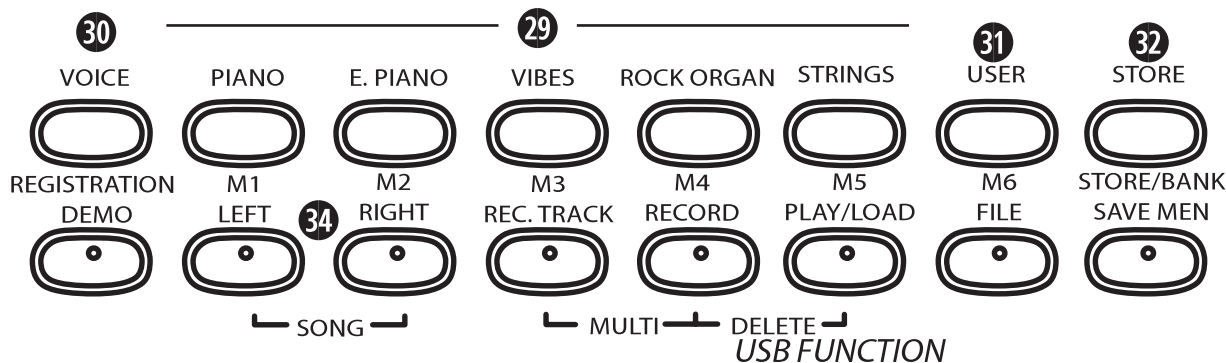**25** **ENTER BUTTON** — The ENTER Button is used to confirm a selection or for confirming a function.

26 **VOICE /STYLE** — There are 128 GM (General MIDI) instrument voices available on this piano. You can instantly select an instrument voice by pressing one of the voice select buttons. Or you can use the number pads to select a voice, the voice name and its number will be shown on the display. There is a complete list of all instrument voices listed in the back of the manual.

STYLE – To engage one of the 100 rhythm styles, and the corresponding auto accompaniment, press the VOICE/STYLE button two times to engage the style selection mode. While its indicator light is lit, use the number pads to select a style or press the +,– Buttons, the style name and its number will be shown on the display. There is a complete list of all 100 rhythm accompaniment styles listed in the back of the manual.

Please see the Rhythm section of this manual for more information.

27 **GRAND PIANO** — Use the GRAND Piano Button when you want to reset the MGP-150 to its original Turn On, Power Up settings. Therefore when you press the Grand Piano button you will have all 88 Keys play the Grand Piano voice without any other functions engaged. This feature is a quick way to reset the piano to its original settings.

28 **NUMERIC PAD** — Use the +, – or the numeric pad to input numbers directly while using the voice, style or function settings. These buttons are also used to access or alter many of the function features or where ever numerical input is necessary.

30 VOICE	PIANO	E. PIANO	29 VIBES	ROCK ORGAN	STRINGS	31 USER	32 STORE
REGISTRATION	M1	M2	M3	M4	M5	M6	STORE/BANK
DEMO	LEFT	34 RIGHT	REC. TRACK	RECORD	PLAY/LOAD	FILE	SAVE MEN

SONG   MULTI   DELETE
USB FUNCTION

㉙ PIANO, E. PIANO, VIBES, ROCK ORGAN, STRINGS — There are five instrument voices that can be selected quickly by pressing one of the five voice select buttons. Each of these selection buttons consists of a different instrument category. The selected voice name and its number will be shown on the display.

Please see the Keyboard Voices section of this manual for more information.

㉚ VOICE — Press the VOICE button to select the voices and the indicator is off. Press the button again to select registration and the indicator light is on.

Please see the Keyboard Voices section of the manual for more information

㉛ USER — You can assign a favorite instrument voice to the voice quick select USER button.

*Please see Instrument voice section of this manual for further details.*

㉜ STORE — In Registration mode, hold down the STORE/BANK button an then press one of the M1–M6 buttons to store the data to that button.

㉝ DEMO — This piano has various different demonstration songs. The Demonstration mode will play back 16 demo songs or select the song individually by using the +, – buttons.

㉞ SONG (LEFT/RIGHT) — This "Play Along Songs" or "Music Teacher" feature can be used as an aid to learn the 50 songs built into this piano. Pressing the LEFT and RIGHT buttons simultaneously turns the "music teacher" function on and off.

Please see the Training section of this manual for more information.

The LEFT and RIGHT buttons allow the player to play along with the prerecorded traditional songs contained within this piano. The LEFT button will play the right hand of the selected song, so that the user can practice the Left Hand portion of the song. The RIGHT button will play the Left Hand of the selected song, so that the user can practice the Right Hand portion of the song. When engaging the LEFT and RIGHT buttons simultaneously only the metronome count will sound and the user should play both the Left and Right portions.
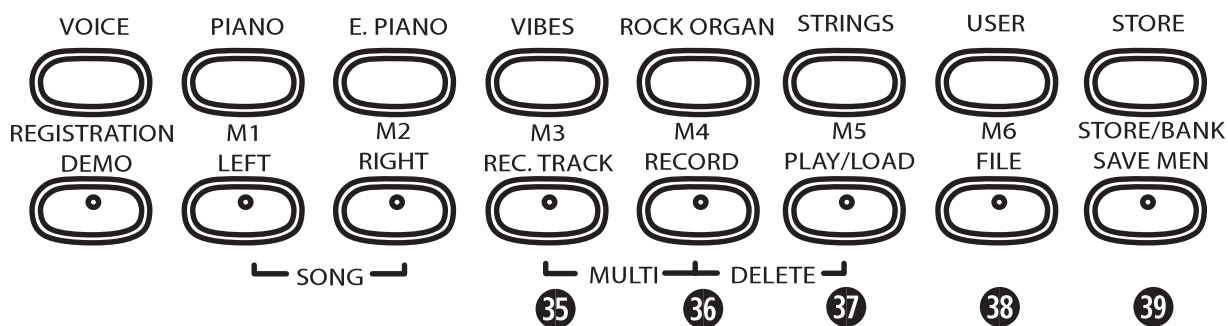
35 REC. TRACK — When in the Record Mode press the Rec. Track button to select the specific track to record to.

Please see the Record Section of this manual for further information of regarding the Recording Feature.

36 RECORD — This unit is able to record one song at a time, with 3 tracks. It will record all note events as they are performed. Press and hold down the RECORD button and then press the track button you want to record in. Recording begins as soon as you start to play. Press the RECORD button again to stop recording.

Please see the Record section of the manual for more information, about multi–track recording with usb Flash Drive.
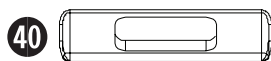
37 PLAY/LOAD — Press the PLAY/STOP button to hear selected tracks that you have recorded. Press the PLAY/STOP button again to stop the playback.

38 FILE — Press the FILE Button to switch the Piano into reviewing the USB Files on the Flash Drive. This File Button can be used anytime or while you are in any other piano mode

39 SAVE MEN — When the USB Flash Drive is connected to the USB Terminal then the Save Men Button will enable the piano to save your piano settings to the USB Flash Drive. It is a registration file.
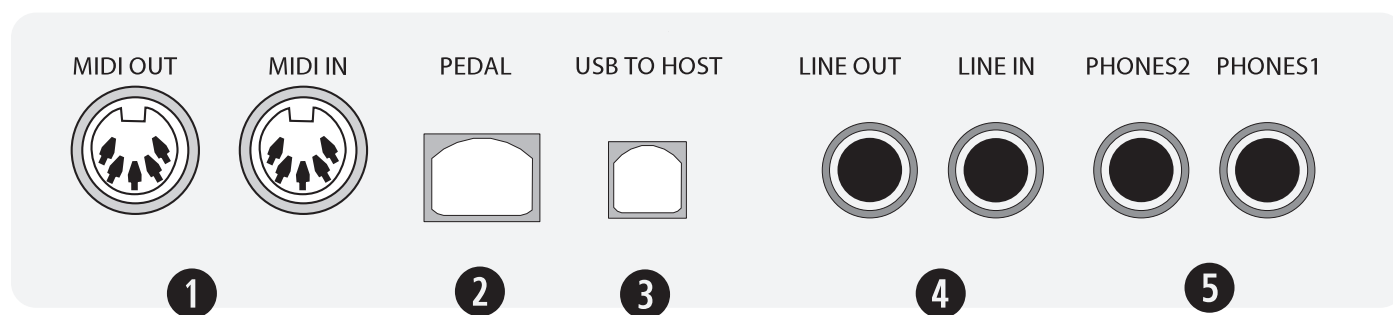
40 USB FLASH DISK — On the Left Side of the Control Panel on the far left side of the piano is the USB FLASH DRIVE. When you insert your included USB Flash Drive into this USB Terminal the piano will Record your performances and save your Regisitrations to this USB Flash Drive or play MIDI songs on the USB.

USB TO DEVICE

Connector Panel

MIDI OUT   MIDI IN   PEDAL   USB TO HOST   LINE OUT   LINE IN   PHONES2   PHONES1

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

This connector panel, with its various jacks, is located on the bottom left of the piano, under the keybed.

1 **MIDI IN / MIDI OUT —** This piano contains MIDI in and MIDI output ports. MIDI jacks allow communication with other products equipped with MIDI interfaces. Please see the MIDI section of this manual for further details.

2 **PEDAL —** Connect the plug of the foot pedal unit to the pedal jack.

3 **USB TO HOST —** The USB connector allows you to connect the piano directly to your computer's USB TO HOST port. This allows you to update your piano's software if necessary. Do not turn on the piano with the USB cable connected to the computer to avoid having to restart your computer. It can connected without driver installation under the Windows XP, Windows 7 and MAC OSX environment. The piano will be recognized as USB Audio device to receive and transmit MIDI messages.audio IN - These stereo audio input jacks will amplify the supplied signal through the internal sound delivery system. They can be used to hook up items such as CD players, MP3 player or Cassette player.

4 **LINE OUT —** The Line out jack can be used to deliver the output of the piano to a keyboard amplifier, stereo sound system, mixing console or tape recorder

LINE IN — The audio output from other sound system connected to the LINE IN jack on the bottom panel can be mixed with the sound of the unit. This function is convenient when you want to play along with a favorite song.

5 **PHONE 1 / PHONE 2 —** You can play in total silence, without disturbing others in the room, by plugging a set of headphones into one of the appropriate sockets. When headphones are plugged into either of these jacks the main speaker system is turned off. Two sets of headphones may be used simultaneously.

Piano Pedals
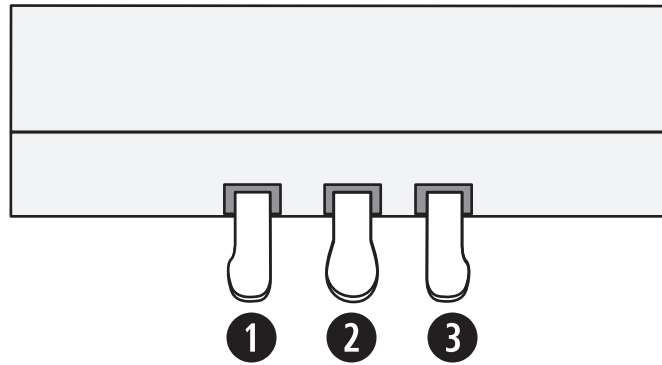
1 **SOFT PEDAL —**The Soft Pedal controls the sound volume.Press the pedal to decrease the output sound volume.

2 **SOSTENUTO PEDAL —** If you play a note or chord on the keyboard and press the sostenuto pedal while the notes are held, those notes will be sustained as long as the pedal is held, but all subsequently played notes will not be sustained.

3 **SUSTAIN PEDAL —** It performs the same function as the damper pedal on the actual acoustic piano, letting you sustain the sound of the voices even after releasing your fingers from the keys.
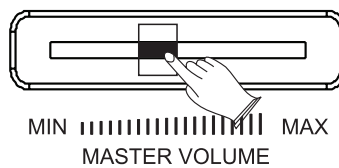
Basic Operation

Power Switch

ON
OFF
POWER
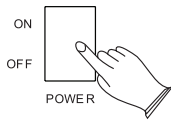
Turn the power on by pressing the POWER switch, the panel LCD display will light.

```
001: Grand Piano
```

Adjust the Volume

Use the MASTER VOLUME control to adjust the volume to your desired level.

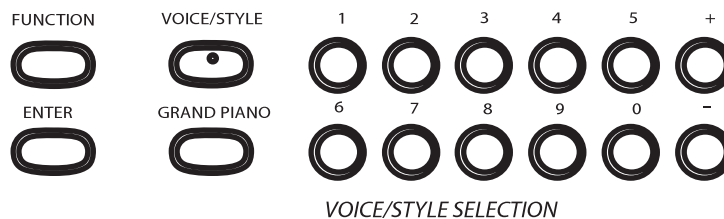MIN   MAX
MASTER VOLUME

Demo Play

There are 16 demo songs that you can play individually. Here's how you can select and play the demo songs.

1. Listen to the Demo Song

REGISTRATION
DEMO

Press the DEMO button to play the demo songs in sequence and the indicator is light. Use the + and – buttons or enter a song number directly by using the numeric pad to select the number of the song you want to play.

```
001: Grand Piano
***:001:DEMO ***
```

FUNCTION   VOICE/STYLE   1   2   3   4   5   +

ENTER   GRAND PIANO   6   7   8   9   0   –

VOICE/STYLE SELECTION

REGISTRATION
DEMO

2. Stop Playing

Press DEMO button again to stop playing.

Tap/Tempo

TAP/TEMPO

This function allows you to set the rhythm tempo by tapping in tempo on TAP/TEMPO button. Tap on the button 2 times while rhythm is playing, the rhythm tempo are set as your desired speed.

If you want to set the tempo before starting rhythm, you have to tap the button 4 times.

Transpose

◀ TRANSP. ▶

The Transpose function allows you to change the pitch of the instrument in semi tone steps, up to a maximum setting of 12 semi tones (a maximum of one octave up or down).

Use TRANS button or +,– and number button to transpose up or down as required.

The transposition range is from "–12" (down one octave) through"0" (normal pitch) to "12" (up one octave).

Reverb

REVERB

The REVERB button selects a number of digital reverb effects that you can use for extra depth and expressive power. Press REVERB button, use + and – buttons to select reverb type. No reverb is produced when you select "OFF", and the indicator is off.

```
001: Grand Piano
    0:Rev Off
```

1	2	3	4	5	6	7	8
HALL1	HALL2	ROOM1	ROOM2	ROOM3	STAGE1	STAGE2	PLATE

Note: *Press REVERB button repeatedly to turn on or turn off the reverb effect.*

Adjusting Reverb level

Reference: Reverb Level under FUNCTION.

Chorus

CHORUS

Shimmering, broadening effect. Press CHORUS button, use + and – buttons to select chorus type. No chorus is produced when you select "OFF", and the indicator is off.

```
001: Grand Piano
    3:Chorus
```

1	2	3	4	5	6	7	8
CHORUS1	CHORUS2	CHORUS3	CHORUS4	FEEDBACK	FLANGER1	SHRTDELY	SHRTDIFB

Note: *Press CHORUS button repeatedly to turn on or turn off the chorus effect.*

Adjusting Chorus Level

Reference: Chorus Level under FUNCTION.

Metronome

METRO

Metronome is a convenient feature for practice, and it can also provide a solid rhythmic guide when recording. The metronome sound is alternately turned on and turned off by pressing METRONOME button. When it is in Metronome mode,the indicator will be light.

Metronome Type: 1/4, 2/4, 3/4, 4/4, 6/4, 3/8, 6/8,7/8, 9/8,12/8.

Please refer to Metronome Type under FUNCTION.

Touch

TOUCH

The touch function provides three different types of keyboard touch sensitivity that can be selected to match different playing styles.

Press the TOUCH button, use + and − buttons to select the touch sensitivity type in the range of 1 to 3. Default: 2 .

When TOUCH is on, the indicator is unlighted,means that regardless of how hard you play, the keyboard will transmit a velocity value of 100(default).You can use + or− button to adjust value range: 0–127.

```
001: Grand Piano
  100.Fix Touch
```

Octave

◄ OCTAVE ►

The function can adjust the OCTAVE value.

Press the OCTAVE buttons or + and − button to change the value:−2~2.

Keyboard Voices

Voice Selection — There are 137 voices in the piano. There is a complete list of all 137 voices in the back of the manual

VOICE   PIANO   E. PIANO   VIBES   ROCK ORGAN   STRINGS   USER   STORE

Quick Select

There are 5 voices plus 1 user buttons that can be selected quickly by pressing one of the voice buttons. These voices are assigned to Instrument Line (PIANO, E.PIANO, VIBES, ROCK ORGAN, STRINGS)

1. Press the voice button to select a voice.

2. Press the voice select button that corresponds to the desired voice in the Instrument Line you have selected. The voice name and its number will show on the display.

```
001: Grand Piano
```

Selecting One Of The 137 Voices

VOICE/STYLE

1. Press the VOICE/STYLE button to engage the voice selection mode, the indicator will turn on.

2. Use the numeric pad or the +, – buttons to select a voice number.

FUNCTION   VOICE/STYLE   1   2   3   4   5   +

ENTER   GRAND PIANO   6   7   8   9   0   –

VOICE/STYLE SELECTION
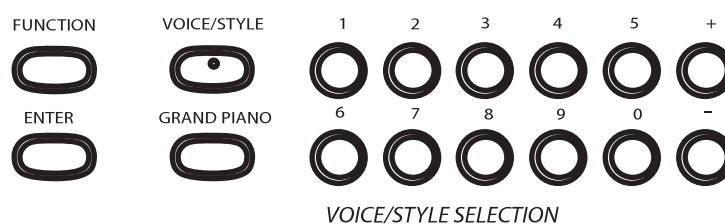
Please Note: *When using the number pads, you must enter three digits to select a voice number from 001–137. For example, to select voice No. 2 you must enter "002". The voice name and its number will show on the display. Please refer to the back of the manual for a list of all available voices.*

```
002: Bright Piano
```

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User Defined Quick Selection Button

You can assign a favorite voice to the voice quick select button in the following manner.

1. Select the desired voice by using the numeric pad or the +, – buttons.

   Please refer to Selecting one of the 137 Voices.

2. Press and hold the STORE/BANK button.

USER

3. Press, don't hold, the voice USER button, the currently selected voice will be assigned to this button to be available for quick selection.

Layer Voice

Layer refers to an additional voice that is tone mixed with the selected keyboard voice. The assigned layer voice will be heard with the original voice when the layer feature is engaged.

LAYER

1. Press the LAYER button, the currently assigned layer voice will show on the display, and the indicator will light up.

2. Use the +, – buttons or the numeric pad to select the desired voice. The display will show the layer voice number and name, after three seconds the display will revert to the selected main voice.

3. Press the LAYER button again to turn the feature off.

Split Voice

In the split mode the keyboard is divided into two sections. To the right of the Split Point the currently selected main voice, or the layer voice will sound. The keys to the left of the Split Point can play a different instrument voice.

SPLIT

1. Press the SPLIT button, the currently assigned lower voice will show on the display, and the indicator will light up.

2. Use the +, – buttons or the numeric pad to select the desired voice. The display will show the lower voice number and name, after three seconds the display will revert to the main voice.

3. Press the SPLIT button again to turn the feature off.

Assigning The Split Point For Voice

FUNCTION

The keyboard is split into two sections at the split point. The default split point is the G2 key for voice. A different voice split point can be assigned in the Function menu "Split Point".

Please see the Function section of this manual for more information.

Adjusting Keyboard Volume

◀ **KB. VOL** ▶

Use this function to adjust the Split Voice Volume, Dual Voice Volume and the Main Voice Volume.

Split Voice Volume

Press the KB VOL buttons to adjust the voice volume while the Split Cursor is flashing.

Dual Voice Volume

Press the KB VOL buttons to adjust the Dual voice volume while the Dual Cursor is flashing.

Main Voice Volume

Press the KB VOL buttons to adjust the main voice volume while the Dual Cursor ot Split Cursor is **NOT** flashing.

Rhythm Section

This piano offers 100 rhythm styles and a variation of each style pattern to choose from. There is a complete list of all 100 styles in the back of the manual.

Selecting One Of The 100 Styles

VOICE/STYLE

1. Press the VOICE/STYLE button to engage the style selection mode, the indicator will light up.

```
075:CLASSIC1
080:Tempo
```

2. Use the numeric pad or the +, – buttons to select a style number while the indicator is lit.

    Please Note: *When using the number pads, you must enter two or three digits to select a style number from 001–100. For example, to select style No.75 you must enter "75". The style name and its number will be shown on the display. Please refer to the back of the manual for a list of all available styles.*

Start a Style

START/STOP

CHORD

Start immediately. Press START/STOP button to start the style.

Press the CHORD button and the indicator will light up. The specified left hand section of the keyboard becomes the "Auto Accompaniment" section, and chords played in this section are automatically detected and used as a basis for fully automatic accompaniment with the selected style.

Please see function for Changing the Chord Point for Voice

Stop a Style

START/STOP

Press START/STOP button to stop the style.

Auto Accompaniment

Auto Accompaniment (Auto Bass Chord) — The rhythm styles have their own auto accompaniment, dedicated to that rhythm style. These auto accompaniments patterns create fully orchestrated rhythm, bass and chord progressions based on the chords that you play with your left hand. The selected rhythm style determines the characteristics of the auto accompaniment. The auto accompaniment section of the keyboard is assigned by the split point. The keys on the left of the split point are reserved for the auto accompaniment. The keys to the right are available for normal playing.

Your instrument has 100 accompaniment styles which can be used to provide Fully–orchestrated Auto Accompaniment. When the Auto Accompaniment function is turned ON, this instrument creates fully–orchestrated rhythm, bass and chord accompaniment based on chords you play with the left hand in the Auto Accompaniment section of the keyboard(i.e. all keys to the left of the Auto Accompaniment split point). The right–hand section of the keyboard is available for normal playing.
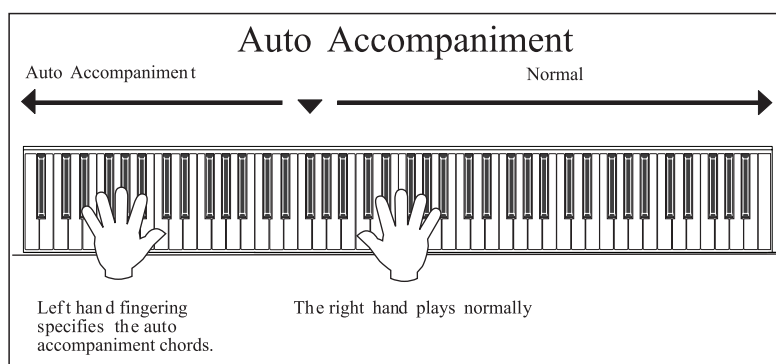
The default Auto Accompaniment split point is the G2 key. The Auto Accompaniment section of the keyboard Consists of all keys to its left .

Chord Function

Major Chords
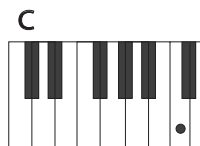
If you press a "C" key in the left–hand section of the keyboard, for example, a C–major accompaniment will be played. Press another key in the left hand section of the keyboard to select a new chord. The key you press will always determine the "root" of the chord played (i.e. "C"for a C chord).

Minor Chords
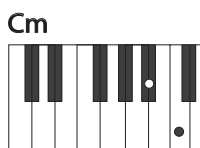
Simultaneously press the root key and a black key to its left.

Seventh Chords

Simultaneously press the root key and a white key to its left.

Minor–Seventh Chords

Cm7

Simultaneously press the root key and both a white and black key to its left.

Fingered Mode

Fingered Mode is ideal if you already know how to play chords on a keyboard, since it allows you to supply your own chords for the Auto Accompaniment feature. The instrument will recognize the following chord type:

Fingering Guide

CHORD	MARK	FINGERING
Major	M	1–3–5
Major sixth	M6	1–3–5–6
Major seventh	M7	1–3–(5)–7
Major seventh sharp eleventh	M7 #11	1–(2)–3–#4–(5)–7
Major add ninth M	9	1–2–3–5
Major seventh ninth	M7 9	1–2–3–(5)–7
Major sixth add ninth	M6	9 1–2–3–(5)–6
Augmented	Aug	1–3–#5
Minor	m	1–b3–5
Minor sixth	m6	1–b3–5–6
Minor seventh	m7	1–b3–(5)–b7
Minor seventh flatten fifth	m7b5	1–b3–b5–b7
Minor add ninth	m 9	1–2–b3–5
Minor seventh add ninth	m7 9	1–2–b3–(5)–b7
Minor seventh add eleventh	m7 11	1–(2)–b3–4–5–(b7)
Minor major seventh	mM7	1–b3–(5)–7
Minor major seventh add ninth	mM7 9	1–2–b3–(5)–7
Diminished	Dim	1–b3–b5
Diminished seventh	Dim7	1–b3–b5–6
Seventh	7	1–3–(5)–b7
Seventh suspend fourth	7sus4	1–4–5–b7
Seventh add ninth	7 9	1–2–3–(5)–b7
Seventh sharp eleventh	7 #11	1–(2)–3#4–(5)–b7
Seventh thirteenth	7 13	1–3–(5)–6–b7
Seventh flatted fifth	7 b5	1–3–b5–b7
Seventh flatted ninth	7 b9	1–b2–3–(5)–b7
Seventh flatted thirteenth	7 b13	1–3–5–b6–b7
Seventh sharp ninth	7 #9	1–#2–3–(5)–b7
Major seventh augmented	M7aug	1–3–#5–7
Seventh augmented	7aug	1–3–#5–b7
Suspended fourth	Sus4	1–4–5

Please Note: *the notes listed in parentheses can be omitted.*

The listed chord fingerings are all in root note position, other inversions can be used with the exception of:

1. The M6 chords are only recognized in root note position. All other inversions are interpreted as m7.

2. The 6 9 chords are only recognized in root note position. All other inversions are interpreted as minor chords.

3. The m6 chords are only recognized in root note position. All other inversions are interpreted as m7b5.

4. With aug and dim7 chords the lowest note played is assumed to be the root.

5. With 7#11 chords the lowest note played is assumed to be the root or b7.

Auto Harmony

HARMONY

With the harmony feature engaged, a single note on the right–hand section of the keyboard will sound with additional auto harmony notes. The note played in the right–hand section of the keyboard determines the root key of the harmony. If more than one note is played only the highest note will add harmony.

Please Note: *auto harmony is only available when the auto accompaniment is engaged.*

Press the HARMONY button to turn the feature on and off.

Starting And Stopping The Auto Accompaniment

START/STOP

Straight Start — The START/STOP button starts the auto accompaniment as soon as you play a recognized chord in the auto accompaniment section of the keyboard. Press the START/STOP button again to stop the accompaniment.

INTRO/ENDING

Starting With An Introduction — Any of your instrument accompaniment patterns can be started with an appropriate introduction by pressing the INTRO /ENDING button directly.

If you press the SYNCHRO button and then press the INTRO/ENDING button, the accompaniment will start from the introduction as soon as a chord is detected in the AUTO ACCOMPANIMENT section of the keyboard.

Press the START/STOP button to stop the accompaniment or the INTRO/ENDING button again to stop with an ending pattern.

SYNCHRO

Synchronized Start — Press the SYNCHRO button, then the accompaniment will start when you play the first chord on the Auto Accompaniment section of the keyboard.

VARIATION

Variation —To select the variation of the main patterns, press the VARIATION button. The indicator will light up. If you press the VARIATION button, then press the INTRO/ENDING button, the variation pattern will play after the introduction.

FILL IN

Fill–In — Press the FILL IN button at any time while the accompaniment is playing to add a one–measure ll–in. If you press the SYNCHRO button and then the FILL IN button, the accompaniment will start from the ll–in as soon as a chord is detected in the AUTO ACCOMPANIMENT section of the keyboard.

Assigning The Split Point For The Auto Accompaniment

FUNCTION

The keyboard is split into two sections at the default split point G2 key for auto accompaniment.

A different split point for the auto accompaniment can be assigned in the Function menu "Chord SplitPoint".

Please see the Function section of this manual for more information.

O.T.S

O.T.S

This function is actually a convenient feature which automatically selects a suitable voice for you when you select a style. In addition, various panel settings (such as voice, effect, Tempo, etc.) that match the selected style can be recalled with just a single button - O.T.S.

Press O.T.S button repeatedly can turn on or turn off One Touch Setting.

Adjusting the Accompaniment Volume

◄ ACCOMP. ►

The volume of the auto accompaniment can be adjusted in the rage of 00– 127. Press ACCOMP button or +/– button,the volume of the auto accompaniment can be adjusted.

Function

The FUNCTION button provides access to a range of functions that give your instrument extraordinary versatility. The functions are categorized in groups as follows:

Reverb Level Setting

Main Voice Reverb Level

FUNCTION

In this function you can adjust the reverb depth for the main voice.

Press the FUNCTION button and use the + and – buttons to select "MainReverbLevel".

```
 001: Grand Piano
MainReverbLevel
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to the number buttons (0–9) to adjust the value: 0–127.

```
 001: Grand Piano
 64: M.Revlevel
```

Split Voice Reverb Level

FUNCTION

In this function you can adjust the reverb depth for the split voice.

Press the FUNCTION button and use the + and – buttons to select "SplitReverbLevel".

```
 001: Grand Piano
SplitReverbLevel
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to the number buttons (0–9) to adjust the value: 0–127.

```
 001: Grand Piano
 64: S.Revlevel
```

Dual Voice Reverb Level

FUNCTION

In this function you can adjust the reverb depth for the split voice.

Press the FUNCTION button and use the + and − buttons to select "DualReverbLevel".

```
    001: Grand Piano
    DualReverbLevel
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to the number buttons (0–9) to adjust the value: 0–127.

```
    001: Grand Piano
    64: D.RevLevel
```

Chorus Level Setting

Main Voice Chorus Level

FUNCTION

In this function you can adjust the chorus depth for the main voice.

Press the FUNCTION button and use the + and − buttons to select "MainChorusLevel".

```
    001: Grand Piano
    MainChorusLevel
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to the number buttons (0–9) to adjust the value: 0–127.

```
    001: Grand Piano
    110:M.ChoLevel
```

Split Voice Chorus Level

FUNCTION

In this function you can adjust the chorus depth for the split voice.

Press the FUNCTION button and use the + and − buttons to select "SplitChorusLevel".

```
    001: Grand Piano
    SplitChorusLevel
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to the number buttons (0–9) to adjust the value: 0–127.

```
    001: Grand Piano
    110:S.ChoLevel
```

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Dual Voice Chorus Depth

FUNCTION

In this function you can adjust the chorus depth for the main voice.

Press the FUNCTION button and use the + and − buttons to select "DualChorusLevel".

```
    001: Grand Piano
    DualChorusLevel
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to the number buttons (0–9) to adjust the value: 0–127.

```
    001: Grand Piano
    110:D.ChoLevel
```

Changing The Split Point For Voice

In this section you can set the split point for when your keyboard is in split mode.

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "VoiceSplitPoint".

```
    001: Grand Piano
    VoiceSplitPoint
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to the number buttons (0–9) to adjust the value: 0–87.

```
    001: Grand Piano
    34: Split Point
```

Changing The Chord Point For Voice

In this section you can set the chord point when your keyboard is in chord mode.

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "ChordSplitPoint".

```
    001: Grand Piano
    ChordSplitPoint
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to the number buttons (0–9) to adjust the value: 0–87.

```
    001: Grand Piano
    34: Chord Point
```

Changing the Chord Type

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "Chord Type".

```
001: Grand Piano
   Chord Type
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to the chord type: 1: Single 2:Finger.

```
001: Grand Piano
   Chord Type
```

Metronome Type

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "Metronome Type".

```
001: Grand Piano
 Metronome Type
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to set the Metronome type: 1/4, 2/4, 3/4, 4/4, 6/4, 3/8, 6/8, 7/8, 9/8, 12/8.

```
001: Grand Piano
 Metronome Type
```

Metronome Volume

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "Metronome Vol".

```
001: Grand Piano
 Metronome Vol
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to the Metronome volume value: From –64 to 63.

```
001: Grand Piano
 0: Metronome Vol
```

Pan

Main Voice Pan

This function allows you to set the stereo position of each orchestration part to create a board stereo image of your sound.

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "Main Voice Pan".

```
001: Grand Piano
Main Voice Pan
```

ENTER

Press the ENTER button to confrm, and use the + and − buttons to set the Pan value: From −64 to 63.

```
001: Grand Piano
0: Main.Pan
```

Split Voice Pan

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "Split Voice Pan".

```
001: Grand Piano
Split Voice Pan
```

ENTER

Press the ENTER button to confrm, and use the + and − buttons to set the Pan value: From −64 to 63.

```
001: Grand Piano
0: Split.Pan
```

Dual Voice Pan

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "Dual Voice Pan".

```
001: Grand Piano
Dual Voice Pan
```

ENTER

Press the ENTER button to confrm, and use the + and – buttons to set the Pan value: From –64 to 63.

```
  001: Grand Piano
     0: Dual.Pan
```

Tune

The Tune function makes it possible to tune the pitch of your instrument to match other instruments.

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "Tune".

```
  001: Grand Piano
        Tune
```

ENTER

Press the ENTER button to confrm, and use the + and – buttons to set the Tune value: From –64 to 63.

```
  001: Grand Piano
       0: Tune
```

Song Grading

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "Song Grading".

```
  001: Grand Piano
     Song Grading
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to turn Song Grading ON or OFF.

```
  001: Grand Piano
    On: SongGrading
```

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Song Volume

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "Song Volume".

```
001: Grand Piano
   Song Volume
```

ENTER

Press the ENTER button to confrm, and use the + and – buttons to set the volume: 0–127.

```
001: Grand Piano
127:Song Volume
```

USB Playmode

This function allows to select the playmode of the piano.

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "USB Playmod".

```
001: Grand Piano
  USB Play Mode
```

ENTER

Press the ENTER button to confirm, and use the + and – buttons to select:
1 – Single 2– Play all Songs 3– Random.

```
001: Grand Piano
 2: PlayAllSongs
```

USB Playspeed

FUNCTION

Press the FUNCTION button and use the + and – buttons to select "USB Play Speed".

```
001: Grand Piano
  USB Play Speed
```

ENTER

Press the ENTER button to confrm, and use the + and – buttons to select USB speed value range: 50–100.

```
001: Grand Piano
100:USBPlaySpeed
```

USB Volume

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "USB Play Vol".

```
  001: Grand Piano
    USB Play Vol
```

ENTER

Press the ENTER button to confrm, and use the + and − buttons to select USB play value: 0–127, Default:127.

```
  001: Grand Piano
   127:USB Play Vol
```

USB Mute Track

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "USB Mute Track".

```
  001: Grand Piano
   USB Mute Track
```

ENTER

Press the ENTER button to confrm, and use the + and − buttons to select the Mute Track: 01–06.

```
  001: Grand Piano
   Mute Track 01?
```

Local MIDI

This function allows you to turn on or off the speaker system of the piano.

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "Local MIDI".

```
  001: Grand Piano
    Local MIDI
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to turn Local MIDI ON or OFF.

```
  001: Grand Piano
   On:Local MIDI
```

MIDI Reception

This function allows you to select the MIDI reception track and turn on or off MIDI function.

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "MIDI IN".

```
        001: Grand Piano
           MIDI In
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to set the parameters.

```
        001: Grand Piano
           On:MIDI In
```

MIDI Transmission

This function allows you to select the MIDI reception and transmission track, and turn on or off MIDI IN and MIDI OUT function.

FUNCTION

Press the FUNCTION button and use the + and − buttons to select "MIDI OUT".

```
        001: Grand Piano
           MIDI OUT
```

ENTER

Press the ENTER button to confirm, and use the + and − buttons to set the parameters.

```
        001: Grand Piano
          1:MIDI OUT
```

Note: *Use +/− button or number buttons to select MIDI channel(1–16) if you want to specify a new transmission channel.*

Reset

FUNCTION

Press FUNCTION button, use + and − buttons to select "Reset".

```
        001: Grand Piano
             Reset
```

ENTER

Press ENTER to set the parameters.

```
        001: Grand Piano
           Resetting
```

OWNER'S MANUAL

Record

This digital piano lets you record your performances and Registration settings to a USB Disk. Each user song lets you record up to sixteen independent tracks. These include not only the voices for the keyboard performance, but also the auto accompaniment parts.

It provides two different ways to record: Quick Recording and Multi Track Recording. (All the recording data will be saved automatically as MIDI Format 0 File to your USB Disk).

Quick Recording

USB TO DEVICE
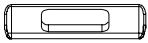
M4
RECORD

1. Insert the USB Disk into the USB Terminal

2. Start Recording – Press the Record button to que the recording. Play the keyboard to start recording.

```
001:SONG01
```

3. Stop Recording – Press the RECORD button again to stop recording.

Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named "SONGxx" (xx indicates the recording file number). You can edit the song as desired by computer or midi editing software.

> Quick Recording automatically makes track assignment s as below:
> Track 1-------- - Main Voice   Track 2-------- - Split Voice
> Track 3-------- - Dual Voice

Multi Track Recording

Multi track recording provides two ways to record:
A. Use Auto Track Assignment.
B. Select Tracks by yourself.

Use Auto Track Assignment

M3
REC. TRACK

Hold down REC. TRACK button to select "Auto RecTrack"

Hold down REC. TRACK button Several times to select the three voice mode.

```
    001:SONG01
  Auto Rec Track
```

M4
RECORD

Press the RECORD button to que recording. Then press any key on the keyboard to start recording.

To stop recording press the RECORD button again.

M6
FILE

To record the next track, press the FILE button and the RECORD button simultaneously. The next track will be selected automatically. The performance will be recorded to the next track on "SONG01" When the recording is finished, the file will be saved as a new file named "SONG"02"

Repeat to record more tacks. The name of the new file will be saved in sequence.

```
    002:SONG02

```

To stop recording by pressing RECORD button again.

Select Tracks Manually

M3
REC. TRACK

Hold down REC. TRACK button Several times to select the three voice mode: 1:M.RecTrack, 2:S.RecTrack,3:D.RecTrack.

```
    001:SONG01
   1:M.RecTrack
```

When select the 1:M.RecTrack/2:S.RecTrack/3:D.RecTrack mode,press + and - buttons to adjust the record tracks of the desired voice mode.

For example,when select the 2:M.RecTrack,and then 2:S.Rec.Track/3:D.Rec.Track will auto increase by 1,they will be 3:S.Rec.Track/4:D.Rec.Track.

```
    001:SONG01
   2:M.RecTrack
```

Start Recording– Press the RECORD button to wait recording. Then press the keyboard to start recording.

Press the REC.TRACK RECORD buttons simultaneously. The performance will be recorded to the desired track on the basic of "SONG01" When the recording is finished, the recording file will be saved as a new file name "SONG02"

Repeat to record more tracks. The name of the new file will be saved in sequence.

To stop recording press the RECORD button again.

OWNER'S MANUAL

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Delete Song

M4
RECORD

Insert the USB Disk into the USB terminal. Use the + and – buttons to select the Song file you want to delete. Hold down the RECORD button and press the PLAY/LOAD button.

M5
PLAY/LOAD

```
           001:SONG01
            Delete?
```

Press the + button to delete the fle.

Press the – to cancel.

File Button

M6
FILE

The File button switches to USB mode immediately even if the keyboard is in any other mode.

Adjusting Song's Volume

Please see the Function Section.

Registration Memory

Your instrument registration memory can be used to store 6X6 sets of voice settings that can be recalled during you playing at the touch of one single button.

Save

In Registration mode,hold down the STORE button and press M1–M6,the data will be stored to the M1–M6. There 6 banks in total,each bank has 6 memories.

Load

In Registration mode,the settings stored to a memory button can be loaded simply by pressing the appropriate button M1–M6.

Saving the Registration Data to USB Disk

USB TO DEVICE

STORE/BANK
SAVE MEN

Insert the USB Disk into the USB terminal.

Press the SAVEMEN button, a message "xxxREG_ _xxx" (x indicates this file's sequence Number in Udisk. xxx indicates registration file number) appears, indicating your Registration Memory Settings are saved to USB Disk, with 6X6 Registrations stored to a single file.

```
001:REG__001
```

Use Registration Data From USB

M5
PLAY/LOAD

Insert the USB Disk into the USB terminal. Use + – button to select REG file, then press PLAY/LOAD button, display shows "LOAD Ok".

```
001:REG__001
Load OK!
```

6X6 Registrations will be loaded to the memory store on the panel.

Delete REG File From USB

M4
RECORD

M5
PLAY/LOAD

Insert the USB Disk into the USB terminal. + / – button to select "REG" file you want to delete, then press the RECORD button and the PLAY/LOAD button simultaneously. LCD shows:

```
01:REG001
DELETE?
```

Press + button to delete the file.
Press – button to cancel.

Play Along Songs

There are 55 songs built into this Piano for your musical enjoyment. These 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 piano.

Selecting A Song

M1
LEFT
M2
RIGHT
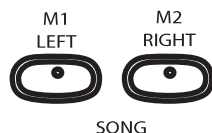
SONG

Turn on the song mode by pressing both the LEFT and RIGHT buttons simultaneously. The song number will appear on the LCD display. Both Right and Left indicator are OFF.

Use the + and - buttons to select a song. Press the DEMO button to start the song.

Listening to the Entire Song

REGISTRATION
DEMO

With the play along song mode engaged, press the DEMO button to hear both hand parts playing the entire song.

Press the DEMO button again to stop. Otherwise, Playback will stop automatically at the end of the song.

Practicing the right hand of the selected song

M2
RIGHT

With the play along song mode engaged, press the RIGHT button to mute the right hand part. The right indicator lights up.

Press the PLAY/LOAD button. Its indicator lights up and you will hear the metronome "count in'" the song. You will then hear the left-hand part.

Play the right-hand part of your selected song while the left-hand part plays.

Press the PLAY/LOAD button again to stop.

Practicing the left hand of the selected song

M1
LEFT
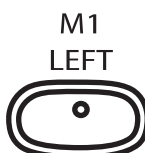
Follow steps listed above, substituting the LEFT button whenever RIGHT button is mentioned. You will hear the right-hand part of your selected song. Play the left-hand part of your selected song while the right-hand part plays.

Practicing Both hands of the selected song

M1
LEFT

M2
RIGHT

SONG

M5
PLAY/LOAD
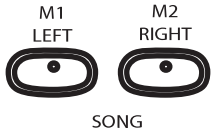
While the play along song mode is engaged press the RIGHT and LEFT buttons simultaneously.

Press the LEFT button frst, then the RIGHT button.

Press the PLAY/LOAD button. It's indicator lights up and you will hear the metronome "count in" the song.

Play the left-hand and right-hand parts of your selected song. The metronome will continue to play to assist you in keep in time.

Press the PLAY/LOAD button again to stop.

Press both the LEFT and RIGHT button to exit.

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MIDI

If you are an advanced MIDI user, this section will help you to access the MIDI controller capabilities of the piano. If you already know that you need this specialized functionality, then this section is for you. However, this information is not necessary in order to enjoy playing the piano. A good rule to keep in mind is: If you don't know what a function described in this section is, then you probably don't need it.

MIDI, or Musical Instrument Digital Interface, is the way most electronic keyboards communicate with computers and with each other. Through a series of MIDI messages a computer or keyboard can tell an instrument what note to play, how loud to play it, when to stop playing it, and a host of other information.

 The piano can send MIDI information to a computer or another MIDI-capable instrument, via its MIDI or USB output. This enables the piano to act as a controller keyboard for another instrument, MIDI sequencer or MIDI enabled Digital Audio Workstation program.

MIDI Connection
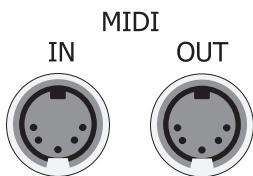
1. MIDI In: This terminal receives MIDI data from an external MIDI device.

2. MIDI Out: This terminal transmits data from this instrument to other MIDI devices. The transmitted data includes the note and touch velocity produced while playing on the keyboard, as well as voice changes, and recorded playback for the melody tracks. Demo songs and auto accompaniment are not transmitted.

   Turning the Local On/Off function to Off will disconnect the keyboard from the internal sound engine of the piano. This means you can use the MGP-150 as a MIDI controller to control other MIDI devices (or virtual instrument software running on your computer) without playing the internal sounds of the piano.

    You may also find other occasions (such as when you are using MIDI sequencing software on your computer) where it is useful to turn Local off.

Turn Local MIDI On/Off to Off

Please refer to Function section.

Turn Local MIDI On/Off to On

Please refer to Function section.

MIDI Implementation Chart

FUNCTION	TRANSMITTED	RECOGNIZED	REMARK
Basic Channel	1 CH	1–16 CH	
Channel changed	1–16 CH	1–16 CH	
Default Mode	3	3	
Note Number	9–120	0–127	
Velocity: Note On	•	•	
Velocity: Note Off	X	•	
Pitch Bender	•	•	
Control Change: 0	•	X	Variation page
1	X	X	Modulation
5	X	X	Portamento value
7, 10	•	•	Volume, Pan
11	X	•	Expression
64, 66, 67	•	•	Sustain. Sostenuto, Soft Pedal
65	X	X	Portamento yes/no
80, 81	•	•	Reverb, Chorus program
91	•	•	Reverb, Chorus send level
98, 99	X	X	NRPNL, NRPHH
100 ,101	X	X	RPNL, RPNH
121	•	•	Reset all controllers
123	•	•	All notes off
Program Change	0–127	0–127	
System Exclusive	X	X	
Sys. Common: Song Select	X	X	
Sys. Common: Song Position	X	X	
System: Clock	X	X	
Real Time: Commands	X	X	

Voice List

NO.	NAME	DISPLAY	NO.	NAME	DISPLAY
Piano			34	Electric Bass (finger)	ELECTRICBASS
1	Acoustic Grand	GRAND PIANO	35	Electric Bass (pick)	PICK BASS
2	Bright Acoustic	BRIGHT PIANO	36	Fretless Bass	FRETLESSBASS
3	Electric Grand	FM E. PIANO	37	Slap Bass 1	SLAPBASS1
4	Honky–Tonk Piano	HNKYTONK PNO	38	Slap Bass 2	SLAPBASS2
5	Electric Piano 1	EL.PIANO1	39	Synth Bass 1	SYNTH BASS1
6	Electric Piano 2	EL.PIANO2	40	Synth Bass 2	SYNTH BASS2
7	Harpsichord	HARPSICORD	**Strings**		
8	Clavichord	CLAVICHORD	41	Violin	VIOLIN
Chromatic Percussion			42	Viola	VIOLA
9	Celesta	CELESTA	43	Cello	CELLO
10	Glockenspiel	GLOCKENSPIEL	44	Contrabass	CONTRABASS
11	Music box	MUSIC BOX	45	Tremolo Strings	TREMOLO STG
12	Vibraphone	VIBRAPHONE	46	Pizzicato Strings	PIZZICATO
13	Marimba	MARIMBA	47	Orchestral Harp	ORCHESTRAL
14	Xylophone	XYLOPHONE	48	Timpani	TIMPANI
15	Tubular Bells	TUBULARBELLS	**Ensemble**		
16	Dulcimer	DULCIMER	49	Strings	STRINGS
Organ			50	String Ensemble 2	ENSEMBLE2
17	Drawbar Organ	DRAW ORGAN	51	Synth Strings 1	SYNTHSTRING1
18	Percussive Organ	PERC. ORGAN	52	Synth Strings 2	SYNTHSTRING2
19	Rock Organ	ROCK ORGAN	53	Choir Aahs	CHOIR AAHS
20	Church Organ	CHURCH ORGAN	54	Voice Oohs	VOICEOOHS
21	Reed Organ	REED ORGAN	55	Synth Voice	SYNTH VOICE
22	Accordion	ACCORDION	56	Orchestra Hit	ORCHESTRAHIT
23	Harmonica	HARMONICA	**Brass**		
24	Tango Accordion	TANGO ACD	57	Trumpet	TRUMPET
Guitar			58	Trombone	TROMBONE
25	Acoustic Nylon Guitar	NYLON GUITAR	59	Tuba	TUBA
26	Acoustic Steel Guitar	STEEL GUITAR	60	Muted Trumpet	MUTEDTRUMPET
27	Electric Jazz Guitar	JAZZ GUITAR	61	French Horn	FRENCH HORN
28	Electric Clean Guitar	CLEAN GUITAR	62	Brass Section	BRASSSECTION
29	Electic Muted Guitar	MUTE GUITAR	63	Synth Brass 1	SYNTHBRASS1
30	Overdriven Guitar	OVERDRIVE	64	Synth Brass 2	SYNTHBRASS2
31	Distortion Guitar	DIST GUITAR	**Reed**		
32	Guitar Harmonics	GUITARHARMOC	65	Soprano Sax	SOPRANOSAX
Bass			66	Alto Sax	ALTO SAX
33	Upright Bass	UPRIGHT BASS	67	Tenor Sax	TENOR SAX

NO.	NAME	DISPLAY	NO.	NAME	DISPLAY
68	Baritone Sax	BARITONE SAX	102	FX 6 (goblins)	GOBLINS
69	Oboe	OBOE	103	FX 7 (echoes)	ECHOES
70	English Horn	ENGLISH HORN	104	Fantasia	FANTASIA
71	Bassoon	BASSOON	**Ethnic**		
72	Clarinet	CLARINET	105	Sitar	SITAR
Pipe			106	Banjo	BANJO
73	Piccolo	PICCOLO	107	Shamisen	SHAMISEN
74	Flute	FLUTE	108	Koto	KOTO
75	Recorder	RECORDER	109	Kalimba	KALIMBA
76	Pan Flute	PAN FLUTE	110	Bagpipe	BAGPIPE
77	Bottle Blow	BLOWN BOTTLE	111	Fiddle	FIDDLE
78	Shakuhachi	SHAKUHACHI	112	Shanai	SHANAI
79	Whistle	WHISTLE	**Percussive**		
80	Ocarina	OCARINA	113	Tinkle Bell	TINKLE BELL
Synth Lead			114	Agogo	AGOGO
81	Lead 1 (square)	SQUARE LEAD	115	Steel Drum	STEEL DRUM
82	Lead 2 (sawtooth)	SAWTOOTH LD	116	Woodblock	WOODBLOCK
83	Lead 3 (caliope lead)	CALLIOPE LD	117	Taiko Drum	TAIKO DRUM
84	Lead 4 (chiff lead)	CHIFF LEAD	118	Melodic Tom	MELODICTOM
85	Lead 5 (charang)	CHARANG LEAD	119	Synth Drum	SYNTH DRUM
86	Lead 6 (voice)	VOICE LEAD	120	Reverse Cymbal	REVERSCYMBAL
87	Lead 7 (fifths)	FIFTH LEAD	**Sound Effect**		
88	Lead 8 (bass + lead)	BASS +LEAD	121	Guitar Fret Noise	FRET NOISE
Synth Pad			122	Breath Noise	BREATH NOISE
89	Pad 1 (new age)	NEW AGE PAD	123	Seashore	SEASHORE
90	Pad 2 (warm)	WARM PAD	124	Bird Tweet	BIRD TWEET
91	Pad 3 (polysynth)	POLYSYNTHPAD	125	Telephone Ring	TELEPHONE
92	Pad 4 (choir)	CHOIR PAD	126	Helicopter	HELICOPTER
93	Pad 5 (bowed)	BOWED PAD	127	Applause	APPLAUSE
94	Pad 6 (metallic)	METALLIC PAD	128	Gunshot	GUNSHOT
95	Pad 7 (halo)	HALO PAD	**Drum List**		
96	Pad 8 (sweep)	SWEEP PAD	129	Standard	STANDARD
Synth Effect			130	Room	ROOM
97	FX 1 (rain)	RAIN	131	Power	POWER
98	FX 2 (soundtrack)	SOUND TRACK	132	Eletroni	ELETRONI
99	FX 3 (crystal)	CRYSTAL	133	Synth	SYNTH
100	FX 4 (atmosphere)	ATMOSPHERE	134	Jazz	JAZZ
101	FX 5 (brightness)	BRIGHTNESS	135	Brush	BRUSH
			136	Classic	CLASSIC
			137	Effect	EFFECT

Please Note: *For voices from 001 – 128 in the table, the "No." is the displayed voice number. The MIDI program number for any voice listed is one less than the display number. For example voice 001 Acoustic Grand Piano MIDI program number is 000, voice 002 Bright Acoustic Piano MIDI program number is 001, and so forth.*

Style List

NO.	NAME	DISPLAY	NO.	NAME	DISPLAY	NO.	NAME	DISPLAY
1	Lounge	LOUNGE	35	Disco	DISCO	68	Hawaiian	HAWAIIAN
2	Swing Organ	SWINGINORGAN	36	Disco Dance 1	DISCO DANCE1	69	Hula	HULA
3	Swing Trio	SWING TRIO	37	Disco Dance 2	DISCO DANCE2	70	Boogie	BOOGIE
4	Slow Swing	SLOW SWING	38	Disco Shuffle	DISCOSHUFFLE	71	Trot	FOX TROT
5	Dixie	DIXIE	39	Disco Grove	DISCO GROOVE	72	Ragtime	RAGTIME
6	Jazz	JAZZ	40	House	HOUSE	73	Waltz 1	WALTZ 1
7	Swing	SWING 1	41	Dance 1	DANCE 1	74	Waltz 2	WALTZ 2
8	Shuffle Blues	SHUFFLEBLUES	42	Dance Pop 1	DANCE POP1	75	Classical 1	CLASSIC 1
9	Blues	BLUES	43	Dance Pop 2	DANCE POP2	76	Classical 2	CLASSIC 2
10	Gospel 1	GOSPEL 1	44	80's Dance	80'S DANCE	77	Ballad	BALLAD
11	Gospel 2	GOSPEL 2	45	Dance 2	DANCE 2	78	50's Ballad	50'S BALLAD
12	Reggae 1	REGGAE 1	46	Techno	TECHNO	79	Power Ballad	POWER BALLAD
13	Reggae 2	REGGAE 2	47	Rap	RAP	80	Jazz Ballad	JAZZ BALLAD
14	Motown	MOTOWN	48	Rock 1	ROCK1	81	Bolero	BOLERO
15	Shuffle	SHUFFLE	49	Rock 2	ROCK2	82	Slow 16	SLOW 16
16	R&B 1	R&B 1	50	Rock 3	SLOW ROCK	83	Kids 1	KIDS 1
17	R&B 2	R&B 2	51	Rock n Roll 1	ROCK N ROLL1	84	Kids 2	KIDS 2
18	R&B Shuffle	R&B SHUF	52	Rock n Roll 2	ROCK N ROLL2	85	March 1	MARCH 1
19	Pop 1	POP1	53	Soft Rock	SURFROCK	86	March 2	MARCH 2
20	Pop 2	POP2	54	Jerry	JERRY	87	March 3	MARCH 3
21	Pop 3	POP3	55	Bossa Nova 1	BOSSA NOVA	88	Polka 1	POLKA 1
22	Beat Pop 1	8BEAT POP1	56	Bossa Nova 2	BOSSA NOVA2	89	Polka 2	POLKA 2
23	Beat Pop 2	8BEAT POP2	57	Pop Bossa 1	POP BOSSA1	90	Mex Polka	MEXPOLKA
24	Beat Pop 3	8BEAT POP3	58	Pop Bossa 2	POP BOSSA2	91	New Age	NEWAGE
25	Pop 16	POP16	59	Salsa	SALSA	92	Country	COUNTRY
26	Pop Acoustic	POP ACOUSTIC	60	Tango	TANGO	93	Country Train	COUNTRYTRAIN
27	Easy Pop	EASYPOP	61	Merenque	MERENQUE	94	Bluegrass	BLUEGRASS
28	Funky Pop	FUNKY POP	62	Ramba	RUMBA	95	Slow Blues	SLOWBLUS
29	Disco Pop	DISCO POP	63	Bequine	BEGUINE	96	Latin Big Band	LATINBIGBAND
30	Slow Groove	SLOW GROOVE	64	Samba	SAMBA	97	Broadway 1	BRODWAY1
31	Florida	FLORIDA	65	Cha Cha	CHACHA	98	Broadway 2	BRODWAY2
32	Folk 1	FOLK 1	66	Latin 1	LATIN 1	99	Big Band	BIG BAND
33	Folk 2	FOLK 2	67	Latin 2	LATIN 2	100	Mambo Band	MAMBO BAND
34	Fancy	FUNKY						

Specifications

Keyboard	88 Key, Advanced Balanced Graded Hammer Action, Velocity Sensitive
Sound Source	3D and Stereo Deluxe Instrument Samples
Polyphony	64 Note Polyphony
Preset Tones	128 GM (General MIDI Voices)
Function	Tune, Transpose, MIDI Functions, Demo, Chorus (8 types), Reverb (8 types), Song (Left Hand and Right Hand), Layer, Split, One Touch Set, Duet,Auto Bass Chord (Fingered Single, Fingered, Piano Mode), Harmony, Synchro, Fill In, Intro/Ending, Touch Control, 36 Registration Memories (5 banks of 6 registration keys), Local
Rhythm Styles	100 Styles with Variations, Tempo Range 20 to 280
Controls	Master Volume, Accompaniment Volume, Tap/Tempo
Touch Control	Soft, Normal, Hard, Fixed
Master Tuning	+/– 50 Cents
Digital Effects	Digital Reverb (Various Types)
Metronome	Tempo Range 20 to 280
Power Output	50WX2
Recorder	Multi-Track, Delete Track
Pedals	Soft, Sos, Sustain
Speakers	6 Speaker, Stereo Sound Delivery System
Connections	AC, Line In, Line Out, USB,Midi IN ,Midi Out, Headphones1,Headphones2
Display	16X2 LCD Display
Finish	High Gloss Black
Dimensions	55Wx30Dx35.5H (inches)
Weight	165 lbs.
Included Hardware	Matching Bench, Power Cable, Owner's Manual, Demo Jump Drive

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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