

SUZUKI

PIANOS

SUZUKI DIGITAL PIANO



OWNER'S MANUAL

SUZUKI

WELCOME!

We would like to express our appreciation and congratulate you for purchasing this **Suzuki** 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.

For further information please visit our web site at www.suzukipianos.com
or call toll free **800-854-1594**.

Listed below are just a few of the functions that your new piano is equipped with:

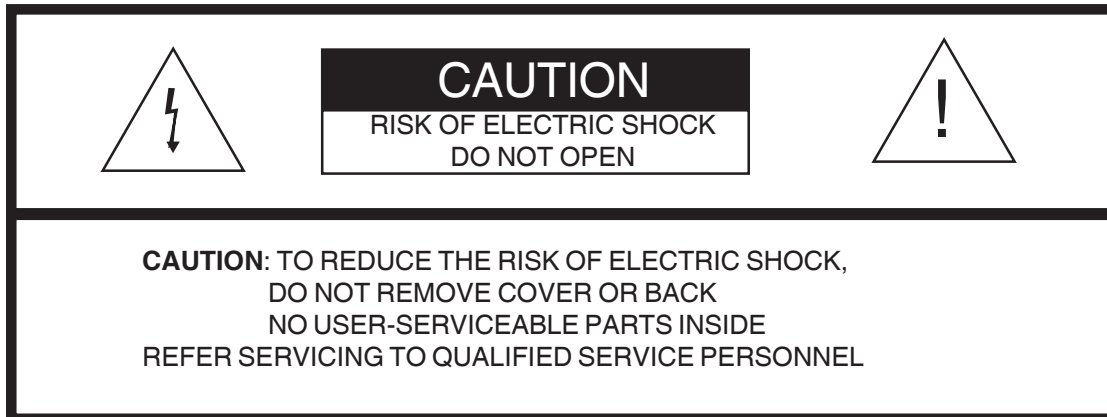
- a Weighted Action Keyboard for an authentic acoustic piano feel
- a Dynamic Sound Delivery System with EQ controls
- a large 4 MB stereo Grand Piano Voice
- a Lesson Function with 58 Play Along Songs
- a Duet Function to split the keyboard in two 44 note pianos
- Digital Reverb and Chorus to further enhance the keyboard voices
- a built in Metronome with range from 40 to 240 BPM
- a Transpose function that allows play in any piano key
- complete MIDI controls that allow for computer hook up
(which enables you to update your piano's functions so that it never becomes obsolete)

You will find many more functions listed within this owners manual. In order to fully appreciate all the impressive functions 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.

Thank you and congratulations again, for choosing this Digital Piano from the Suzuki Corporation's piano product line of portable pianos, home digital pianos, home composer ensembles pianos, elegant digital grand ensembles, and the acoustic upright and grand piano line.

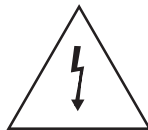
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GENERAL PRECAUTIONS



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 noninsulated 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.



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.

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.

TAKING CARE OF YOUR DIGITAL PIANO

This Suzuki 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.

SAFETY - 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.

- Carefully check the amplifier volume control before starting to play. Excessive volume can cause permanent hearing loss.

POWER - The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.

- 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.

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, or
- 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.
- Avoid placing vinyl objects on top of the instrument, vinyl can stick to and discolor the surface.

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.

CLEANING

- Clean the cabinet and panel with a soft non-abrasive 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.

TABLE OF CONTENTS

EASY SET UP AND QUICK PLAY GUIDE	7	FUNCTION PIANO KEY CONTROLS	21
Check the Package Contents	7	Function Mode	21
Assemble the Stand	8	Resetting to Default Settings	21
Place the Piano on the Stand & Plug In	9	Touch	22
Turn the Power On, Adjust the Volume & Play!	10	Transpose	23
KEYBLOCK CONTROL PANEL	11	Tune	24
DEMONSTRATION SONGS	12	Duet	25
REVERB AND EFFECT	13	MIDI	26
METRONOME	14	MIDI Terminals	26
VOICE SELECT	15	Basic MIDI Modes	26
Scroll Through Voice Select	15	MIDI Output Channel Select	27
Piano Key Voice Select	15	MIDI Input Channel Select	27
Dual Voice Select	16	MIDI Local Control On/Off	28
Dual Voice Volume Adjustment	16	Turning Multi-Timbral Mode On/Off	28
Voice Reset	16	Transmit MIDI Programs Change	29
RECORD	17	MIDI IMPLEMENTATION CHART	30
Record a Song	17	CONNECTOR PANEL	31
Play a Song	17	Connector Panel	31
Erasing a Song	17	Headphones	31
PLAY ALONG SONGS	18	PEDALS	32
Selecting a Song	18	Soft Pedal	32
Listen to the Song	18	Sustain Pedal	32
Right Hand Test	19	SPECIFICATIONS	33
Left Hand Test	19	WARRANTY	34
Right and Left Hand Test	20		
Vocal Grading	20		
Stopping the Song Mode	20		

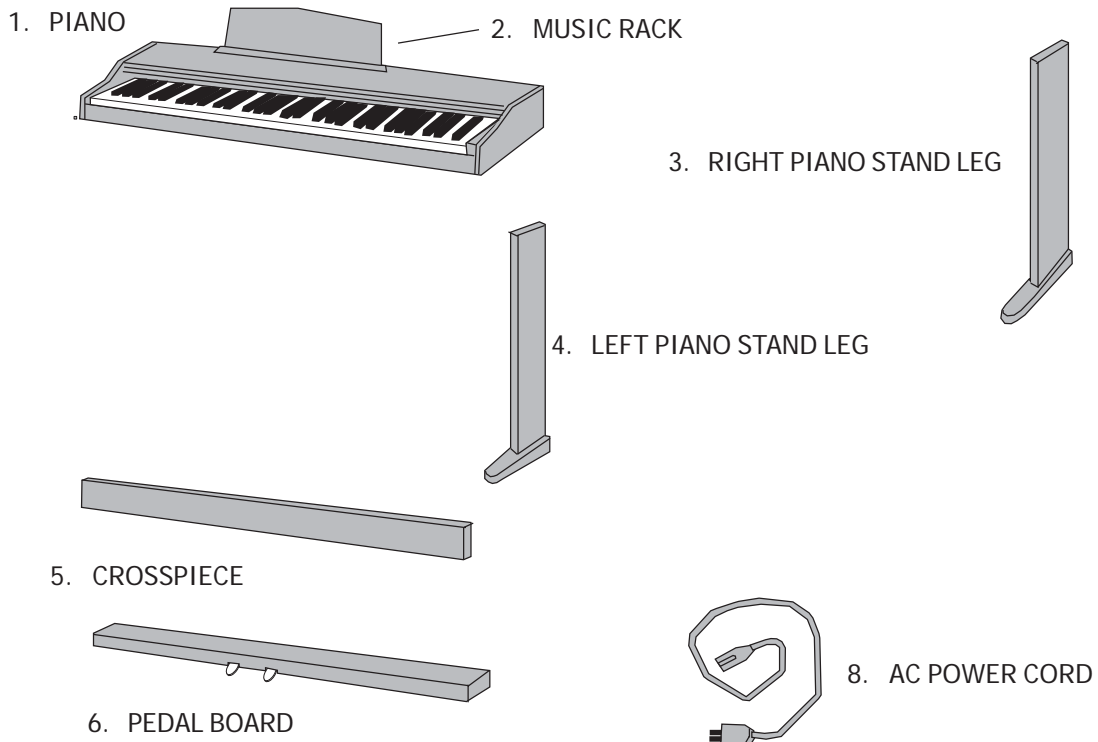
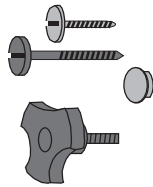
EASY SET UP AND QUICK PLAY

EASY SET UP AND QUICK PLAY IN FOUR SIMPLE STEPS

1. Check the Package Contents
2. Assemble the Piano Stand
3. Place the Piano on the stand and Plug the cord in.
4. Turn the Power on, adjust the Volume and begin to Play!

CHECK THE PACKAGE CONTENTS - Make sure that your package contains the following items:

1. PIANO
2. MUSIC RACK
3. RIGHT PIANO STAND LEG
4. LEFT PIANO STAND LEG
5. CROSSPIECE
6. PEDAL BOARD
7. OWNER'S MANUAL (not shown)
8. AC POWER CORD
9. CROSSPIECE SCREWS (4)
10. LEG SCREWS (4)
11. LEG SCREW COVERS (4)
12. HAND BOLTS (4)

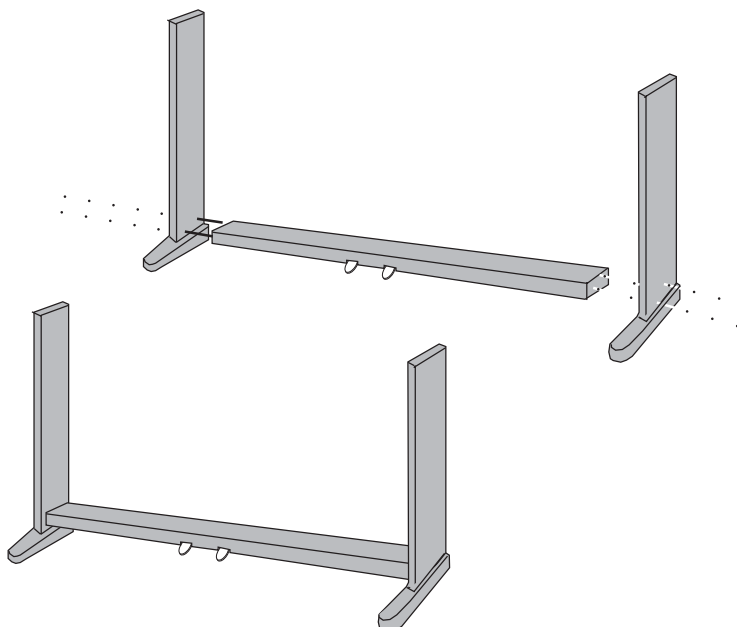


EASY SET UP AND QUICK PLAY

ASSEMBLE THE PIANO STAND - Do all your final tightening only after the assembly procedure has been completed.

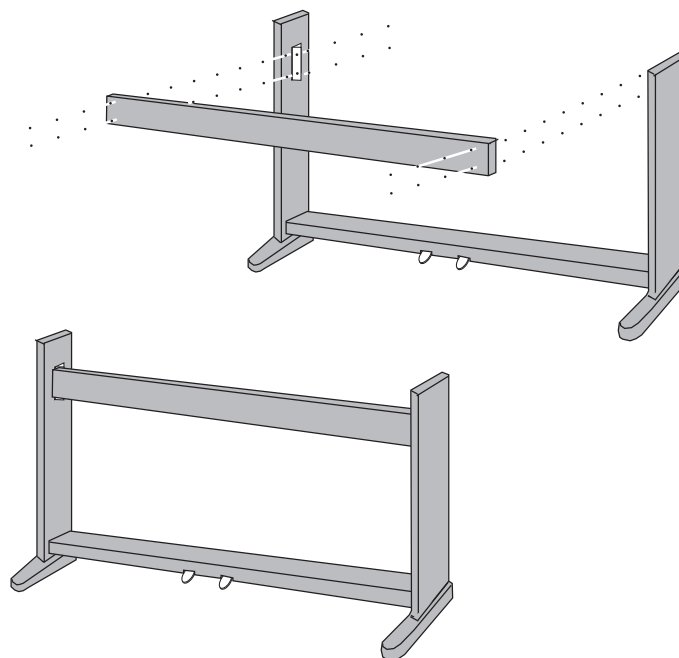
1. Attach the Pedal Board to the Left and Right Piano Stand Legs with the leg screws.

LEG SCREWS (4)



2. Attach the Crosspiece to the Left and Right Piano Stand Legs with the crosspiece screws.

CROSSPIECE SCREWS (4)

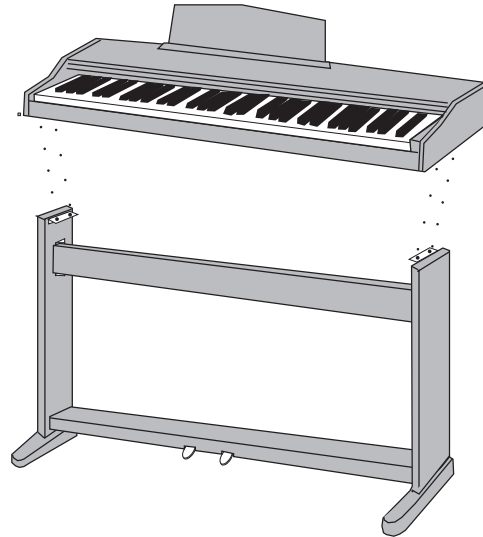
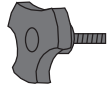


EASY SET UP AND QUICK PLAY

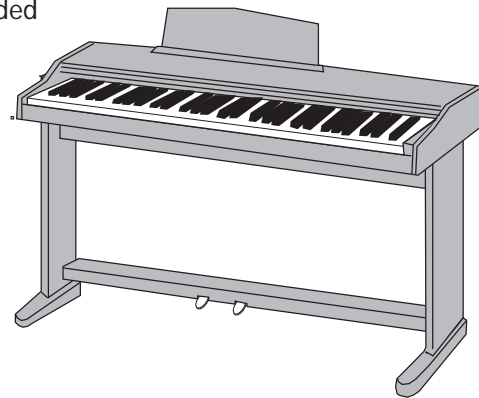
PLACE THE PIANO ON THE STAND AND PLUG IN

1. Use the hand bolts to attach the piano onto the completed stand.

HAND BOLTS (4)



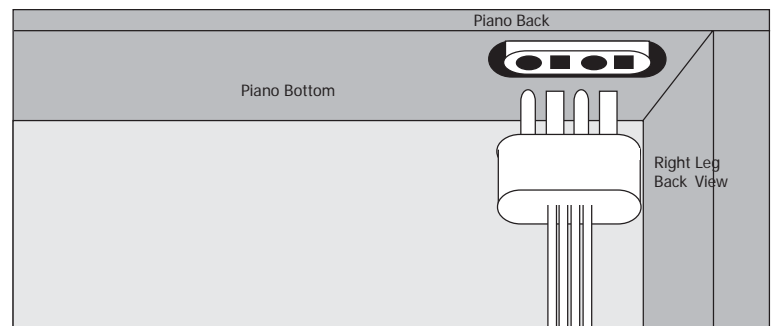
You may now do your final tightening on the piano stand and place the screw caps where needed



LEG SCREW COVERS (4)

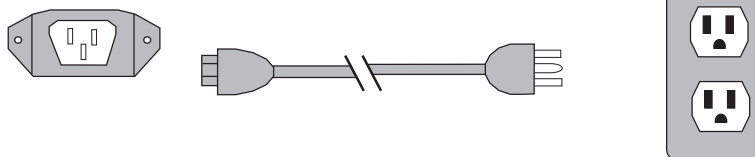


Note: On the bottom right portion of the piano, plug the pedal cable into its receptacle. The plug can only be inserted one way, make sure it is properly aligned before insertion.



EASY SET UP AND QUICK PLAY

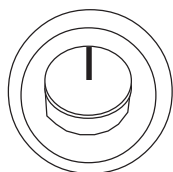
2. Plug the AC cord into the piano, the receptacle jack is located on the bottom back left portion of the piano. Then plug the AC cord into the nearest power outlet.



Note: You can play in total silence without disturbing other in the room by plugging a set of headphones into one of the appropriate sockets, located directly under the keyboard on the left side of the instrument. Two sets of headphones may be used.



POWER



MASTER VOLUME

TURN THE POWER SWITCH ON, ADJUST THE VOLUME AND BEGIN TO PLAY!

1. Turn the power switch on, the power switch is located on the right keyblock. Press the button to turn the power on and off. There is an LED indicator light on the left front portion of the piano. This light will be lit when power is on.

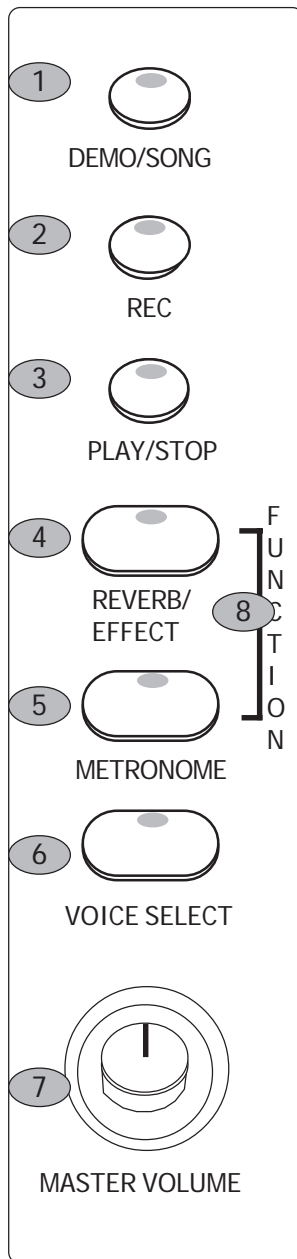


Note: when you turn the power off, do not turn it back on immediately. Wait at least five seconds to turn the power back on so that the electronic circuits can properly reset.

2. Adjust the volume control to a comfortable level.
3. Begin to play the piano.

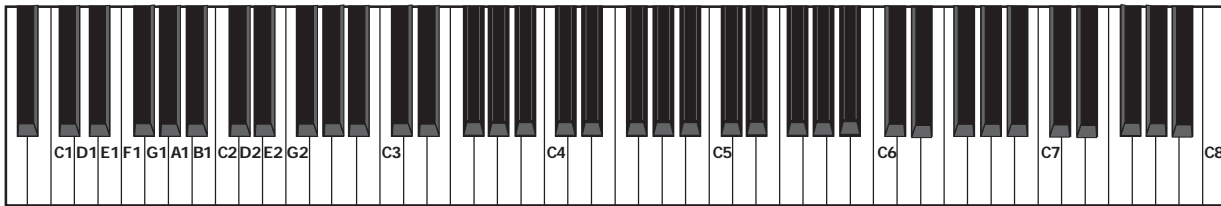
KEYBLOCK CONTROL PANEL

The following is a brief description of the controls located on the left keyblock of the **Suzuki** digital piano.



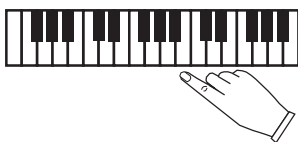
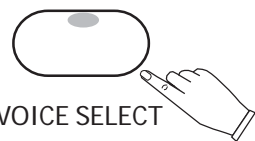
1. DEMO/SONG - The Suzuki piano has 11 built in demonstration songs for your listening enjoyment designed to showcase the instrument's capabilities. Press the DEMO button. The first demo song will begin to play instantly. Please see the Demonstration Songs section of this manual for more information.
The piano also has 58 "Play Along" songs, each assigned to a key for use with the Play Along Song function. Please see the Play Along Songs section of this manual for more information.
2. REC (RECORD) - The record button allows you to record your performance for future playback. Please see the Record section of this manual for more information.
3. PLAY/STOP - This button starts and stops the recording in the music recorder, the Demonstration Songs, the Play Along Songs or other items. Press the Play/Stop Button to engage or terminate your selected function.
4. REVERB/EFFECT - 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. Effects will add chorus, flanger or delay to the instrument voice. The Reverb/Effect button toggles the Reverb/Effect function on and off and is used to access the Reverb/Effect Select function. Please see the Reverb/Effect section of this manual for more information.
5. METRONOME - The Metronome button toggles the Metronome function on and off and accesses the Metronome Select function. Please see the Metronome section of this manual for more information.
6. VOICE SELECT - There are sixteen voices that can be selected by pressing the Voice Select button to scroll through the voice list or by using the Voice Select button to access the Voice Select function. Please see the Voice Select section of this manual for more information.
7. MASTER VOLUME - Turn this knob to the right to increase the overall volume of the piano, and to the left to decrease the volume.
8. FUNCTION (REVERB/EFFECT & METRONOME) - Pressing the Reverb/Effect button simultaneously with the Metronome button will place the piano in the Function Mode. Use the Function Mode to access the functions of the Suzuki piano. Please see the Function Piano Key Controls section of this manual for more information.

DEMONSTRATION SONGS



DEMO SONGS

DEMO - The Suzuki piano has 11 built in demonstration songs for your listening enjoyment.

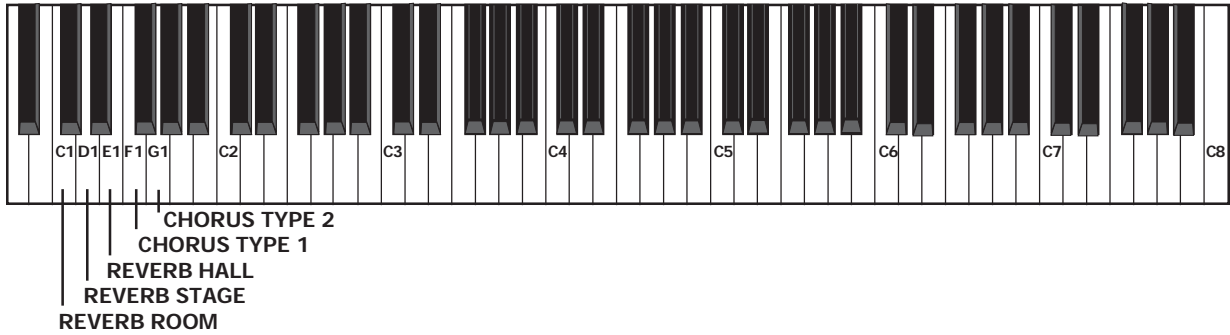


1. Press the Demo/Song button and the first demonstration song will start to play. When the demo song is finished, the Suzuki piano will play the other Demo songs one at a time in sequential order.
2. To Skip a Demo song and continuing playing in sequence, press the Voice Select button while in the Demo Song mode. The piano will skip to the next demo song.
3. To Select a specific Demonstration song press and hold the Demo/Song button and then press a Demo song piano key. The piano will play the song assigned to that key after the Demo/Song button is released.
4. To Stop the Demo Song, press the Demo/Song button again, it's LED indicator light will turn off and the Demo song will stop playing. Or press the Play/Stop button to stop the Demo song playing.

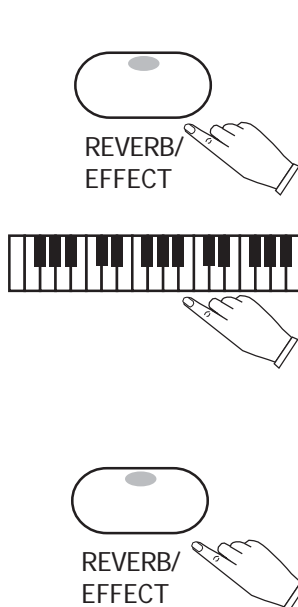


Note: The Demo/Song button is also used with the Play Along Song function of the Suzuki piano. The Play Along Song function includes 58 songs assigned to Play Along Song function keys that can also be listened to. Please see the Play Along Song section of this manual for more information.

REVERB AND EFFECT



REVERB/EFFECT - In the Suzuki piano there are three types of Reverb, and two types of Effect, or Chorus, functions.



Note: The default setting for the Reverb/Effect function is on set to Reverb Stage type.

1. To change the selected Reverb type press and hold the Reverb/Effect button down.
2. While holding the Reverb/Effect button select the piano key of your desired Reverb type. The selected function will be engaged after the Reverb/Effect button is released.

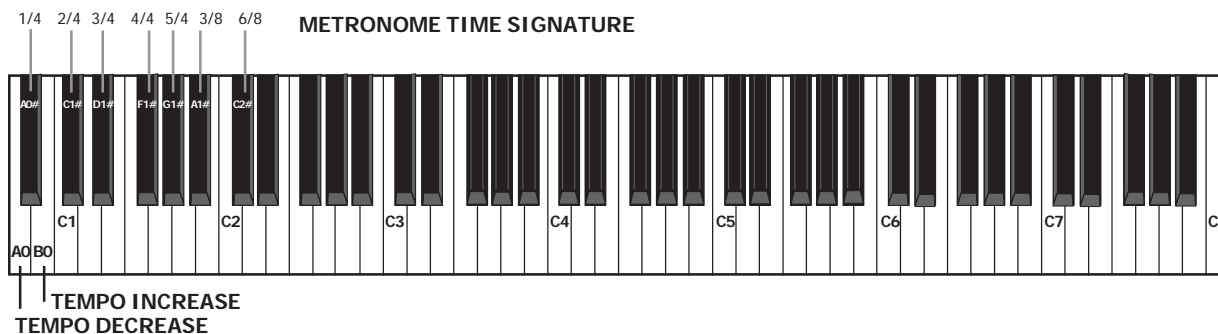
C1 for Room type Reverb
 D1 for Stage type Reverb
 E1 for Hall type Reverb
 F1 for Chorus type 1
 G1 for Chorus type 2

Note: The Chorus function only works with certain instrument voices.



To turn the Reverb/Effect function off press the Reverb/Effect button so the LED indicator light goes off.

METRONOME



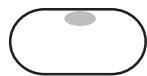
METRONOME - This Suzuki piano offers a built-in Metronome that can be set to various Time Signatures (meters or beats) and Tempos. The metronome can help you practice the piano or to record a song by providing a steady beat for you to play along with.



METRONOME



1. To start the Metronome, press the Metronome button, the indicator light will come on, and then flash in time to the selected beat.



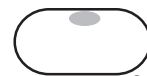
METRONOME



2. To change the beat or time signature, of the metronome, hold down the Metronome button, and select the desired beat by pressing the black key assigned to that beat.



A0# Metronome 1/4 time signature.
C1# Metronome 2/4 time signature.
D1# Metronome 3/4 time signature.
F1# Metronome 4/4 time signature.
G1# Metronome 5/4 time signature.
A1# Metronome 3/8 time signature.
C2# Metronome 6/8 time signature.



METRONOME



3. To adjust the tempo, hold the Metronome button down while the Metronome button is in the off mode (LED is off). While holding down the Metronome button use the increase B0 key or the decrease A0 key to make the beat faster or slower. The tempo range is 30 BPM to 300 BPM.



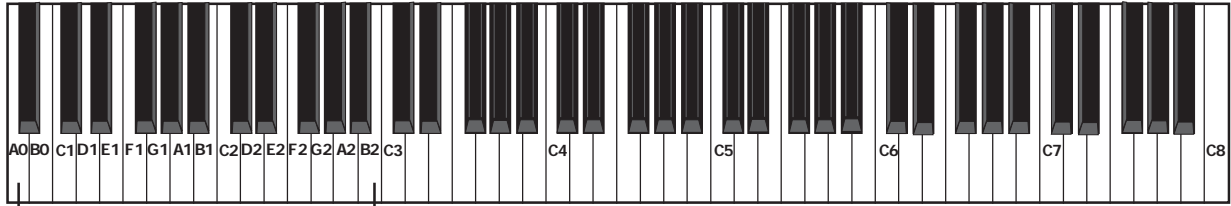
METRONOME



Note: Every time you press the Increase or Decrease Tempo control key it will adjust the Tempo by 5 beats per minute. To reset the Tempo of the Metronome back to default 120 BPM, press both the A0 and the B0 buttons simultaneously while holding down the Metronome button.

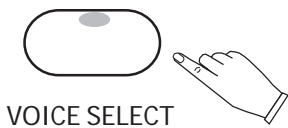
4. To turn the Metronome function off, press the Metronome button again and the Metronome will turn off.

VOICE SELECT



VOICE SELECT PIANO KEYS

SELECTING AN INSTRUMENT VOICE - There are two ways of selecting an instrument voice.



SCROLL THROUGH THE INSTRUMENT VOICES - You can scroll through the instrument voices by pressing and releasing the Voice Select button.

1. Press and release the Voice Select button once and it will change the instrument voice to the next voice selection.
2. Every time the Voice Select button is pressed it will sequence to the next instrument voice. Press the button repeatedly until your desired instrument voice sound is selected.



PRESS THE RELATED PIANO KEY - You can select a specific voice by pressing the appropriate piano key assigned to that voice.

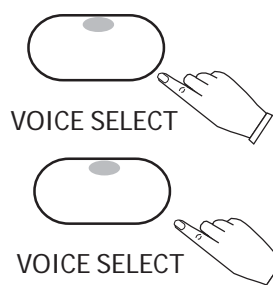
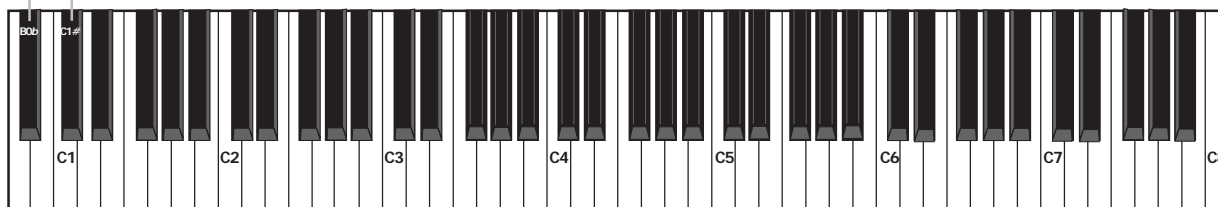
1. Press and hold the Voice Select button.
2. Press the key assigned to the desired voice as listed below. This will select that voice directly.



- Press key A0 for voice #1 GRAND PIANO
- Press key B0 for voice #2 PIANO 2
- Press key C1 for voice #3 HONKY TONK PIANO
- Press key D1 for voice #4 ELECTRIC PIANO (RHODES)
- Press key E1 for voice #5 VIBRAPHONE
- Press key F1 for voice #6 HARPSICHORD
- Press key G1 for voice #7 MUSIC BOX (GLOCK)
- Press key A1 for voice #8 CHURCH ORGAN
- Press key B1 for voice #9 CHURCH ORGAN 2
- Press key C2 for voice #10 ORGAN FLUTE
- Press key D2 for voice #11 HAMMOND ORGAN
- Press key E2 for voice #12 STRINGS
- Press key F2 for voice #13 NYLON GUITAR
- Press key G2 for voice #14 ACOUSTIC BASS
- Press key A2 for voice #15 CHOIR
- Press key B2 for voice #16 CHOIR (VOICE) DO'S

VOICE SELECT

DUAL TONE INSTRUMENT VOLUME DECREASE
DUAL TONE INSTRUMENT VOLUME INCREASE



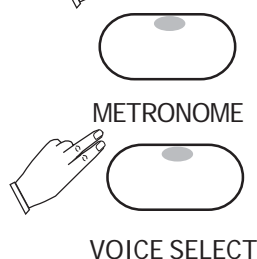
DUAL - In the Dual mode, you can layer or mix, two instrument sounds together.

1. Hold down the Voice Select button.
2. While holding down the Voice Select button press the two piano keys that select your desired instrument voices. The first selected voice is now layered with the second selected instrument voice.



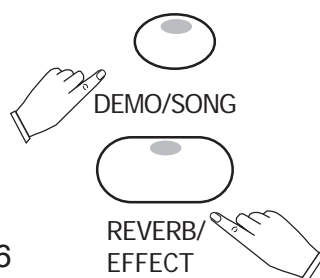
ADJUSTING THE VOLUME BALANCE IN THE DUAL PLAY MODE - You can change the volume between the two layered sounds.

1. Hold down the Voice Select button.
2. While holding down the Voice Select button, press the B0b black piano key to lower the volume of the layer tone instrument voice or the C1# black piano key to raise the volume of the layer tone instrument voice. Press both the B0b and the C1# piano keys simultaneously to recall the default volume setting.



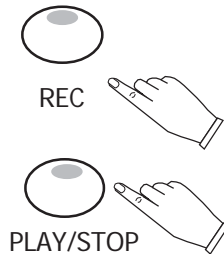
RESET TO THE GRAND PIANO INSTRUMENT VOICE -At any time you can easily put the piano back to its default factory settings.

1. Press and hold the Demo/Song button and the Reverb/Effects button for more than two seconds. This will reset the digital piano to its original default factory settings. The Concert Grand Piano Voice will now be selected.



RECORD

RECORD (REC) - This piano is equipped with a real time recorder, able to store a song or performance. It will record all note events as they are played. This recorded information is nonvolatile and therefore will not be lost when the power is turned off.



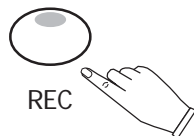
1. Prepare to record by setting up the piano voice, reverb level and other parameters as desired.
2. Press the Record button when you are ready to record. The LED indicator will start flashing to tell you that the piano is recording. Play the piano piece that you wish to record.
3. To stop recording press the Record button when you are finished with your performance. The Suzuki piano will stop recording.

PLAYBACK - To listen to the recorded passage.



1. Press the Play/Stop button to play back the song you have just recorded. To stop the playback press the Play/Stop button again. The song will stop automatically when the recording has finished.

ERASING A SONG - Be sure you are ready to erase the current song before pressing the Record button.

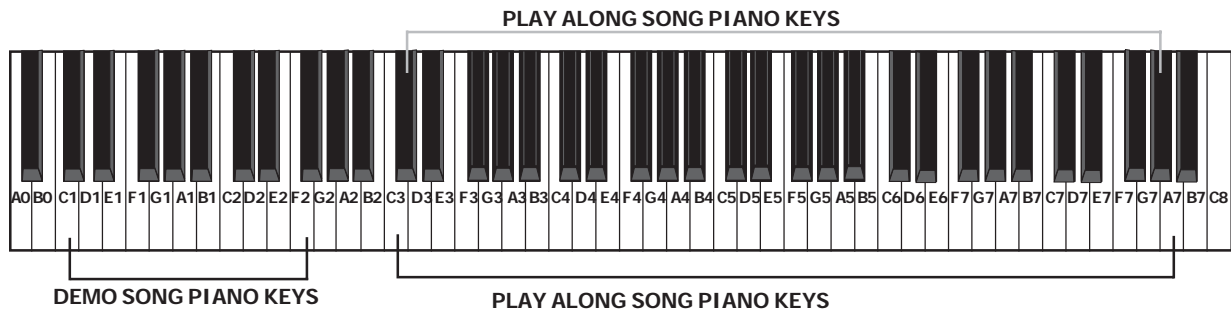


1. You can erase a song by simply pressing the Record button. Pressing the Record button will completely erase the song that is currently stored in the song memory.



Note: The contents will be erased as soon as you press the Record button, replaced by the new data that the user is recording.

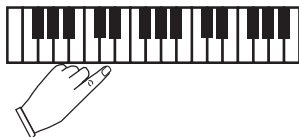
PLAY ALONG SONGS



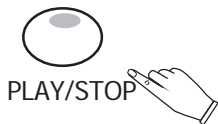
PLAY ALONG SONGS - This piano includes a range of songs covering a variety of genres that are enjoyable to listen to, or to play along with. You can begin practicing one hand at a time, and you can practice at your own tempo. This instrument will even evaluate and grade your performance for you!



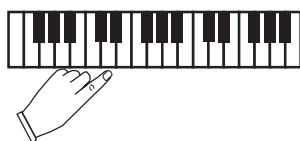
SELECTING A SONG - The 58 Play Along songs are each assigned to a key. They are classified in groups by song category such as children's songs, American classics and Christmas songs as listed in the Song Book Accessory.



1. Hold down the Demo/Song button.
2. Press the piano key to which your desired song is assigned while holding down the Demo/Song button.



LISTEN TO A SONG - To listen to the selected song.

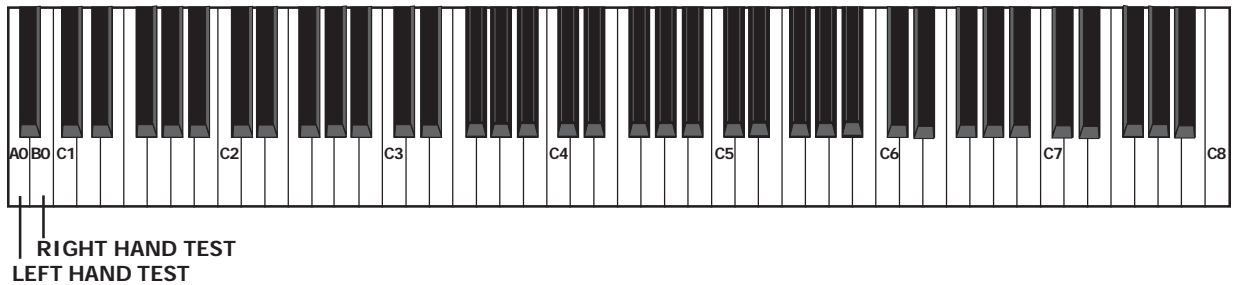


1. Press the Play/Stop button while holding down the related piano key for the selected song. The piano will start playing back the selected song.
2. If you want to listen to a different song, press the Play/Stop button to stop the song. Then repeat the step one procedure to select the new song.



3. When you are finished listening to the song, press the Play/Stop button to stop the song.

PLAY ALONG SONGS



PERFORMING A SONG - Now it is time to try it yourself. The Demo/Song button will access a play along music lesson guide that can be used as a fun way to learn new music. The 58 songs built into the piano for your musical enjoyment 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. You can test yourself on the right hand melody, the left hand accompaniment or on both hands.



Note: The Demonstration songs are not available for Play Along.



RIGHT HAND TEST - Turn off the right hand piano part of the song, the left hand portion of the song will play along with the accompaniment, so you can play the right hand melody while listening to the left hand piano accompaniment portion of the song.

1. Hold down the Demo/Song button and press the piano key to which your desired song is assigned
2. Keep holding down the Demo/Song button and press the B0 piano key.
3. Press the Play/Stop button to start the song and your test. There will be a one measure metronome lead in, then play the right hand portion of the song as the left hand portion plays.

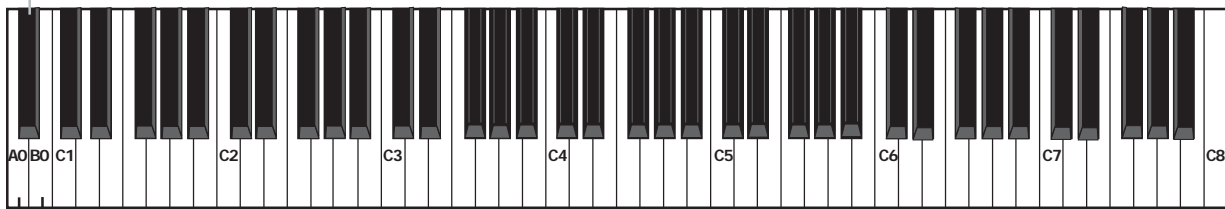


LEFT HAND TEST - Turn off the left hand piano part of the song, the right hand portion of the song will play along with the accompaniment, so you can play the left hand portion of the song while listening to the right hand melody.

1. Hold down the Demo/Song button and press the piano key to which your desired song is assigned
2. Keep holding down the Demo/Song button and press the A0 piano key.
3. Press the Play/Stop button to start the song and your test. There will be a one measure metronome lead in, then play the left hand portion of the song as the right hand portion plays.

PLAY ALONG SONGS

VOCAL GRADE ON/OFF



RIGHT HAND TEST
LEFT HAND TEST



DEMO/SONG



PLAY/STOP

RIGHT AND LEFT HAND TEST - Turn off the left and right hand piano parts of the song, you can play the complete piano portion of the song.

1. Hold down the Demo/Song button and press the piano key to which you desired song is assigned.
2. Keep holding down the Demo/Song button and press the A0 and the B0 piano keys.
3. Press the Play/Stop button to start the song and your test. There will be a one measure metronome lead in, then play the right and left hand portions of the song.

VOCAL GRADING - To check your progress you can set the piano to offer a vocal grade at the completion of your Play Along Song performance. With the Grading function engaged you will hear one of the following vocal grades. The vocal instructor will evaluate your performance as follows:

"Try Again"	0-40% of the notes correctly.
"Good"	41-60% of the notes correctly.
"Very Good"	61-85% of the notes correctly.
"Excellent"	86-100% of the notes correctly.



DEMO/SONG



DEMO/SONG

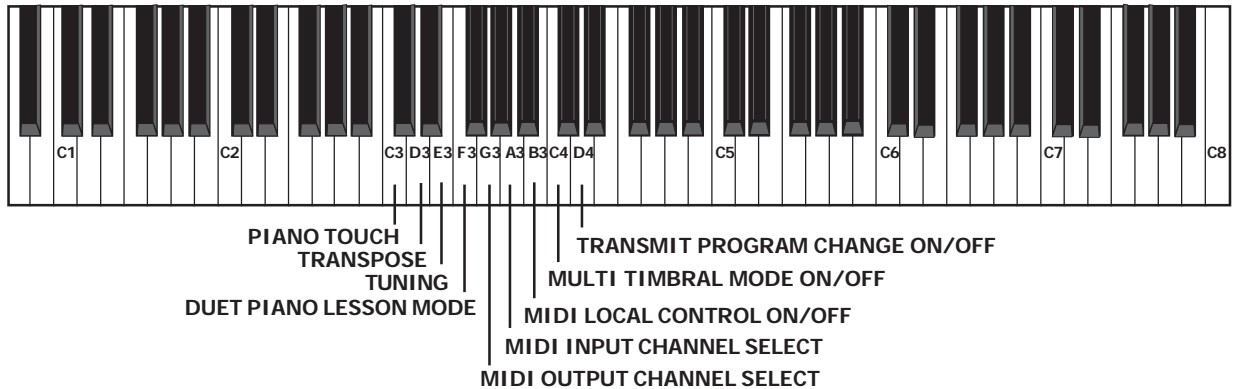
1. The Vocal Grade function is on when the piano power is turned on. To turn off the Vocal grade function, hold down the Demo/Song button.
2. Press the A#0 piano key while holding down the Demo/Song button. This will toggle the Vocal Grade function on and off.



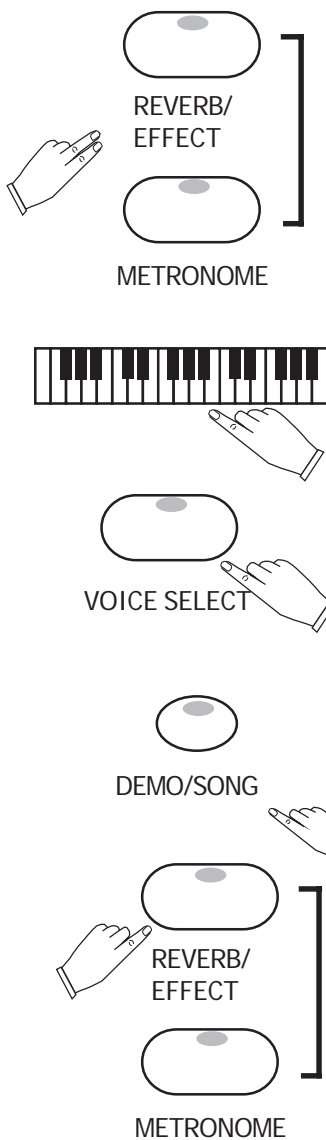
Note: If the piano is not in the Play Along Song function mode when changing the Vocal Grade function, the first Demonstration song may begin to play, just press the Demo/Song button to turn the Demo song off and set up your Play Along Song test as desired.

STOP THE SONG MODE - Press the Demo/Song button again to exit from the Play Along Song function.


FUNCTION PIANO KEY CONTROLS



The Function mode gives you access to these other features on the digital piano.



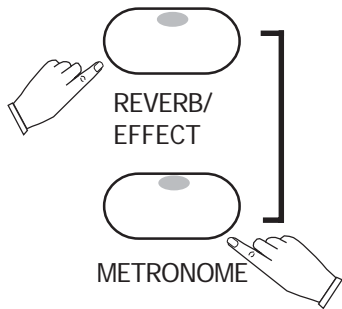
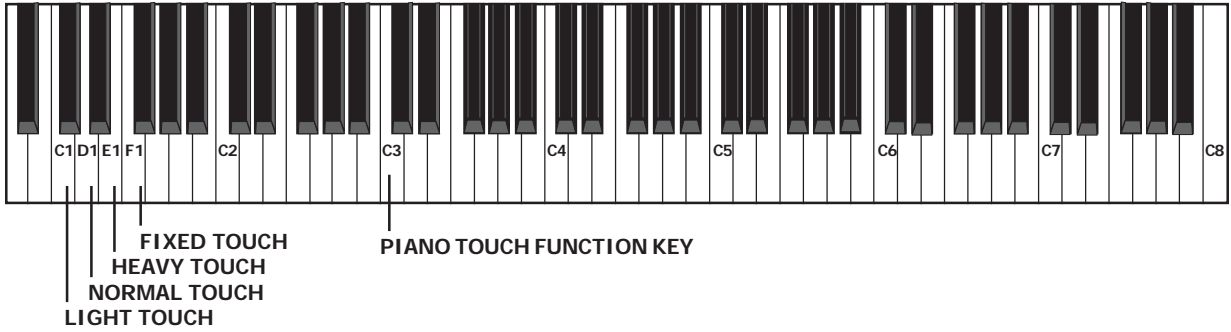
FUNCTION MODE - To engage the function control piano keys.

1. Press the Reverb/Effect button and the Metronome button simultaneously. The LED's for both buttons will begin to flash.
-  **Note:** When your Suzuki digital piano is in Function Mode with both Reverb/Effect and Metronome button Led's flashing, there will be no sound from the piano keys.
2. Press the designated piano key or keys to change the value for the selected function.
 3. To exit the Function Mode press the Voice Select button. The Reverb/Effect button will stop flashing but remain on. The Metronome button will turn off.
 4. Play the piano, you should hear the piano notes play with your selected function engaged. It may be necessary to increase or decrease your selected function.

RESETTING TO DEFAULT SETTINGS - At any time you can easily put the piano back to its default factory settings. Hold down the Demo/Song button and the Reverb/Effects button and the piano will reset to the default settings below. When the power is turned on, these functions are always set to the default settings.

Touch	Normal
Transpose	0
Tuning	A4=440.0Hz
Reverb	On
Duet Piano Lesson	Off
MIDI Channel Select	Channel 1
MIDI Local Control On/Off	On
Multi-Timbral Mode On/Off	Off
Transmit MIDI Program Change	On

FUNCTION PIANO KEY CONTROLS



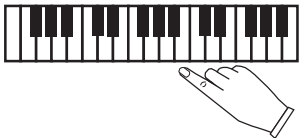
TOUCH - The digital piano offers four types of keyboard Touch Sensitivity settings. These are known as velocity or dynamic curves and are designed to suit your style of playing.

NORMAL is the standard setting which produces volume in direct proportion to the force on the keys. This setting is the most similar to an acoustic piano and is the default setting.

LIGHT produces a louder sound even when the piano is played with a soft touch.

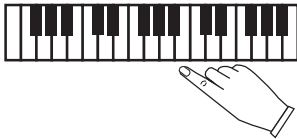
HEAVY produces a softer sound even when the piano is played with a heavy touch. It is perfect for those with strong fingers or for practicing with a hard touch.

FIXED is a nonsensitive keyboard. It is used for instrument voices such as organ or harpsichord, and for playing some contemporary music.



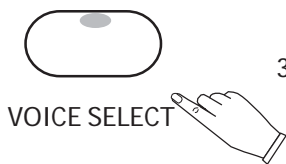
1. To select a different piano touch type, put the digital piano into the Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, the indicator lights will begin to flash.

2. Press the C3 Touch piano key to put the keyboard in Touch selection Function mode.



3. Press the Piano key of your desired Piano Touch key type.

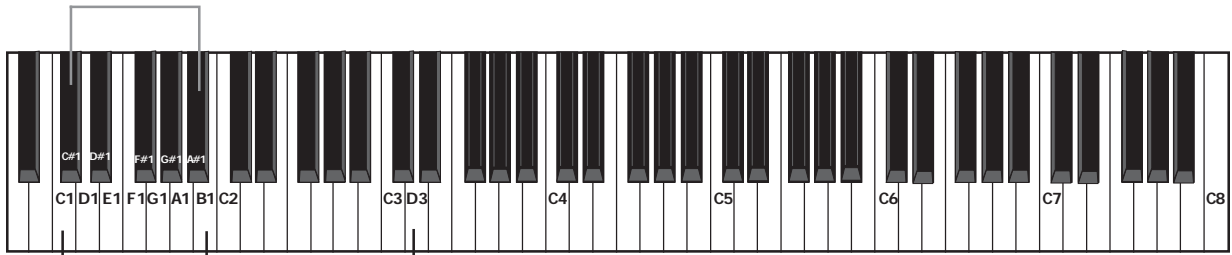
- C1 selects the Light Touch type
- D1 selects the Normal Touch type
- E1 selects the Heavy Touch type
- F1 Selects the Fixed Touch type



3. To exit the Touch mode press the Voice Select button to return the digital piano to normal operating mode with the Touch Sensitivity setting selected.

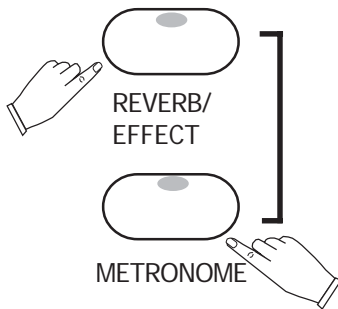
FUNCTION PIANO KEY CONTROLS

12 TRANPOSE SELECT KEYS



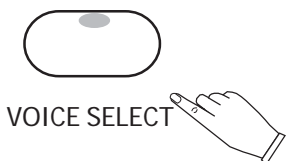
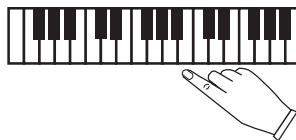
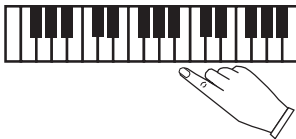
12 TRANPOSE SELECT KEYS

TRANPOSE FUNCTION KEY



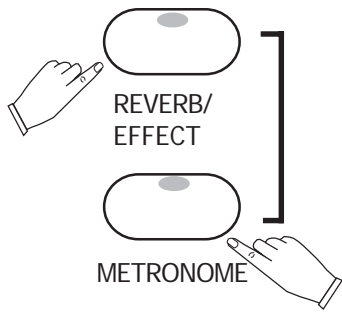
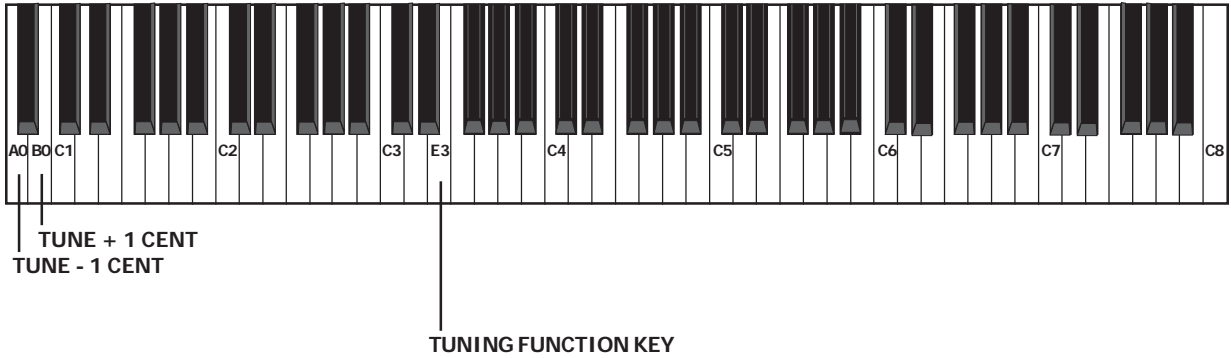
TRANPOSE - The transpose function is designed to make it easier to play difficult signatures by adjusting the keyboard to play in the key that you are familiar with. The Transpose function lets you raise or lower the piano's key in half steps. One half step on the piano equals one semitone.

1. Put the digital piano into the Function mode by pressing the Reverb/Effect button and the Metronome button at the same time, both LED's will begin to flash.
2. Press the D3 Transpose Function piano key to put the keyboard into Transpose Select Function mode.
3. Press the key on the keyboard corresponding to the desired transposed setting. The default piano setting is to "C". The piano can be transposed up to 5 half steps higher to "F", or 6 half steps lower to "F#". To reset the Transpose function to its original setting of 0 transposition, press the function button then press the C2 piano key.



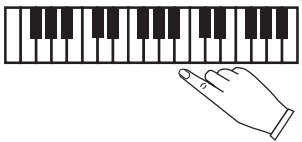
- Transpose -6 semitones press the F#1 piano key.
 - Transpose -5 semitones press the G1 piano key.
 - Transpose -4 semitones press the G#1 piano key.
 - Transpose -3 semitones press the A1 piano key.
 - Transpose -2 semitones press the A#1 piano key.
 - Transpose -1 semitones press the B1 piano key.
 - Transpose reset press the C2 piano key.
 - Transpose +1 semitones press the C#2 piano key.
 - Transpose +2 semitones press the D2 piano key.
 - Transpose +3 semitones press the D#2 piano key.
 - Transpose +4 semitones press the E2 piano key.
 - Transpose +5 semitones press the F2 piano key.
4. To exit the Transpose mode, press the Voice Select button to return the digital piano to normal operating mode. Play the piano and you will notice the piano has been transposed.

FUNCTION PIANO KEY CONTROLS

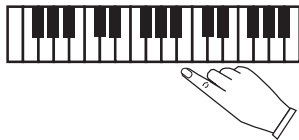


TUNE - When the digital piano is turned on, the keyboard's pitch is automatically set to Standard A440 concert pitch. However if a different pitch is desired, the piano's tuning range can be adjusted in one cent increments + or - 50 cents. The pitch is adjusted in one cent increments every time the key is pressed. This function allows you to adjust the piano's pitch to match a recording or another instrument in an ensemble.

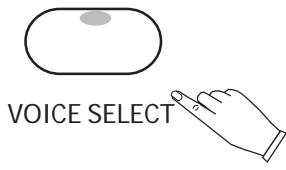
1. Put the digital piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both respective LED's will begin to flash.
2. Press the E3 Tuning Function key, this will put the piano into Tuning Function mode.
3. Press the B0 Tuning Increase key, or the A0 Tuning Decrease key and release it, to raise or lower the pitch of the piano by one cent. These keys adjust the pitch by 0.5Hz each time they are pressed.



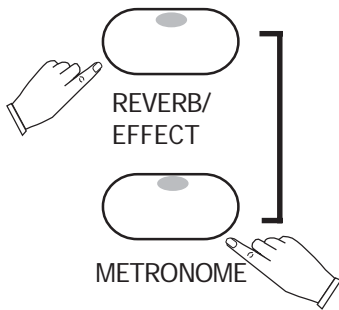
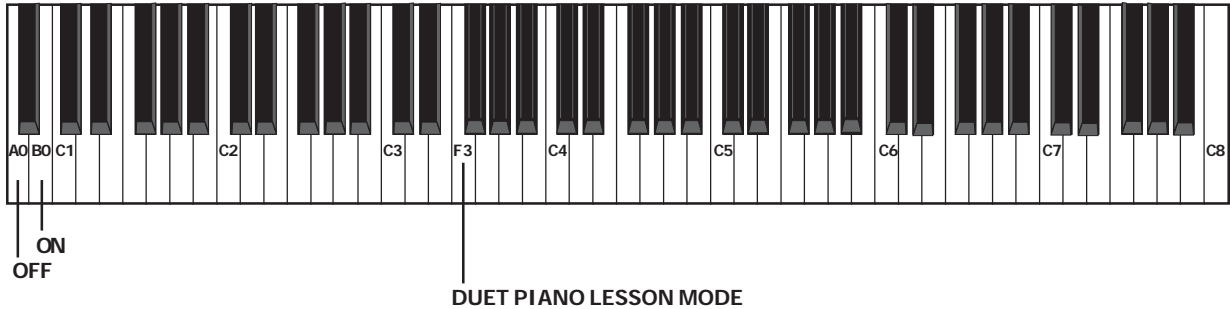
Note: To hear a noticeable pitch change we suggest that you press and release the selected value button about twenty times. You can restore the tuning to its default setting by pressing both the A0, and the B0, keys simultaneously.



4. Press the Voice Select button to return the digital piano to normal operating mode with the selected Tuning adjustment.

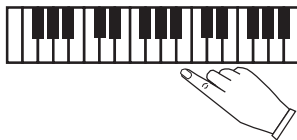


FUNCTION PIANO KEY CONTROLS

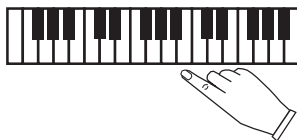


DUET - This **Suzuki** piano offers an exclusive function that will aid Teacher/ Student activity or duet performances. The Duet function actually splits the 88 note piano into two 44 note pianos. Splitting the keyboard allows for two people to perform in the same register at the same piano.

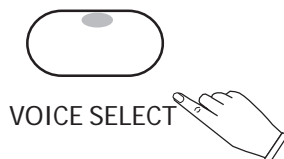
1. Put the digital piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both respective LED's will begin to flash.
2. Press the Duet Piano mode piano key to put the keyboard into Duet Piano Function mode.
3. Press the on or the off to engage or disengage the Duet function.
4. Press the Voice Select button to return the digital piano to operating mode with the selected Duet function engaged.



Normal 88-note Keyboard

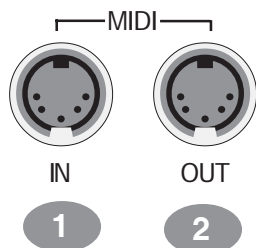


Two 44-note Keyboard sections for Duet performances



FUNCTION PIANO KEY CONTROLS

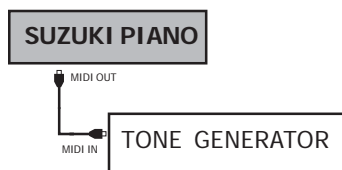
MIDI - MIDI stands for Musical Instrument Digital Interface. This is a world wide standard communication interface that enables musical instruments of all brands and computers to communicate so that instructions and other data can pass between them. This exchange of information makes it possible to create a "system" of MIDI instruments and equipment that offer greater musical versatility and control than what would be available with just isolated instruments. Whether you interface with computers, sequencers, expanders or other keyboards your musical horizons will be greatly enhanced. For further information on MIDI and MIDI equipment that is available please contact your local **Suzuki** music store.



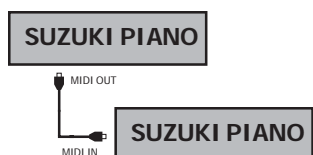
MIDI TERMINALS - The MIDI terminals are located on the board connector panel underneath the piano.

1. The MIDI In connector receives MIDI data from an external MIDI device which can then be used to control the piano.
2. The MIDI Out connector transmits MIDI data generated by the piano, the note and velocity data produced by playing the piano.

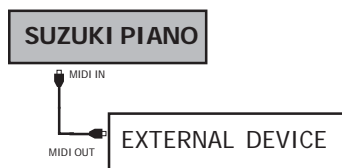
BASIC MIDI SETUPS



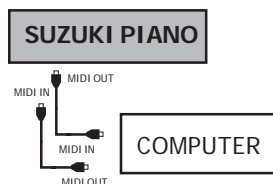
1. Output to an external sound generator - MIDI keyboards transmit note and velocity, or touch response, information via the MIDI Out connector. If the MIDI Out terminal of the keyboard is connected to the MIDI In terminal of a tone generator (tone generators usually offer 128 different voices), piano sound module or another external device, it will respond precisely to the notes played on the original transmitting keyboard, in this case your **Suzuki** piano.



2. Piano to Piano - By connecting this Suzuki piano to another keyboard in the same manner as described above you will essentially be playing two instruments at once. This provides a thick, layered multi-instrument sound.

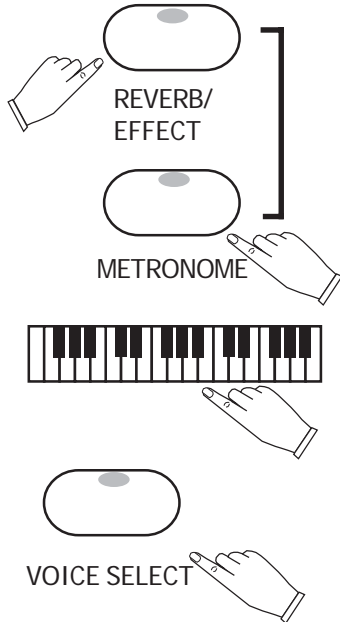
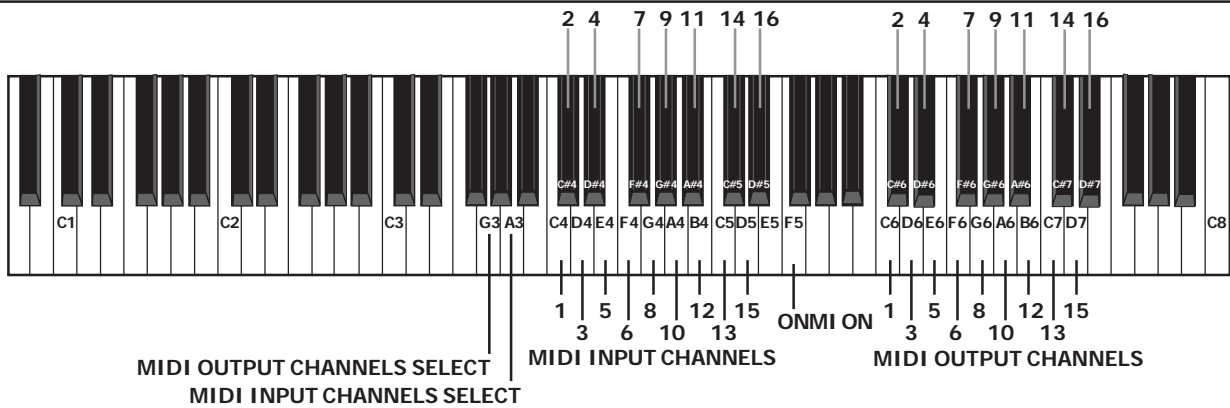


3. Output from an external MIDI device - Connect the MIDI In terminal of the piano and the MIDI Out terminal of an external device. Data generated on the other device is passed through the piano's sound delivery system.



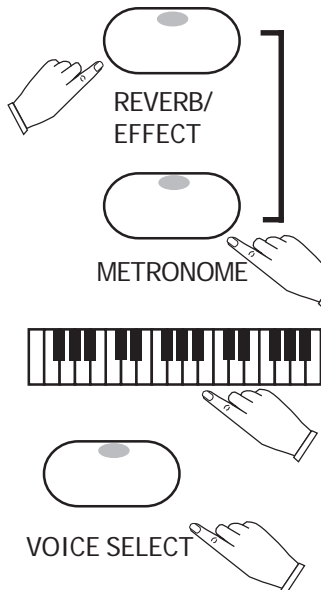
4. Connect with a Computer - Although the Suzuki offers a built in recorder, the same type of musical information transfer that is described above can be used for more sophisticated MIDI sequence recording using an external sequencer or computer. These devices can be used to record MIDI data received from the piano. You can transmit your performance to a computer to utilize the advanced recording, composing and editing available from computer software. MIDI music stored on the computer can be played back through your instrument.

FUNCTION PIANO KEY CONTROLS



MIDI OUTPUT CHANNEL SELECT - This function allow you to select which MIDI channel you want to transmit MIDI data on. The default setting to transmit MIDI data is Channel 1.

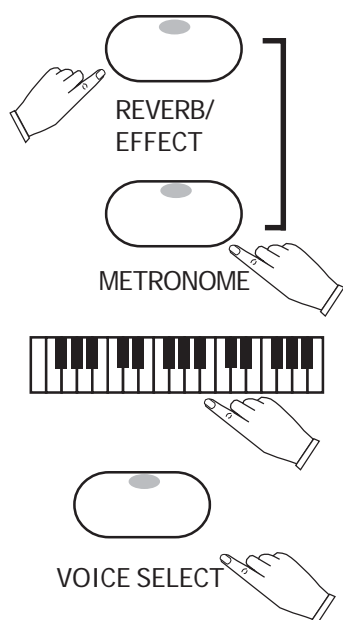
1. Put the Suzuki into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
2. Press the G3 MIDI Output Channel Select piano key to put the piano into MIDI Output Channel Select mode.
3. Press the piano key on the keyboard to select which channel to transmit on.
4. Press the Voice Select button to return the piano to operating mode with the selected MIDI Output Channel.



MIDI INPUT CHANNEL SELECT - This function allow you to select which MIDI channel you want to receive MIDI data on. The default setting is the OMNI mode which receives MIDI data on all channels.

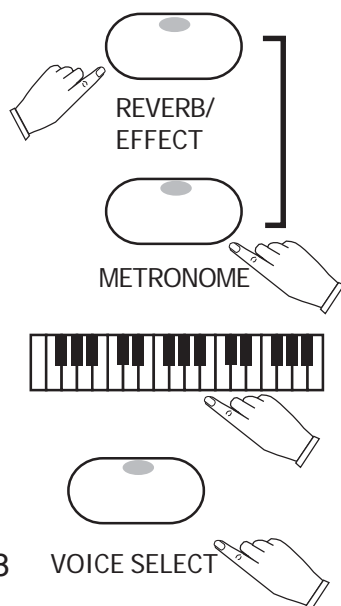
1. Put the Suzuki piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
2. Press the G3 MIDI Input Channel Select piano key to put the piano into MIDI Input Channel Select mode.
3. Press the piano key on the keyboard to select which channel to receive on.
3. Press the Voice Select button to return the Suzuki piano to operating mode with the selected MIDI Output Channel.

FUNCTION PIANO KEY CONTROLS



MIDI LOCAL CONTROL ON / OFF - The MIDI Local Control refers to the fact that normally, this piano controls its own internal generator. This is the normal play mode. MIDI Local Control can be turned off, so that the keyboard does not play the internal voices. However the 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 can respond to MIDI data received via the MIDI In connector.

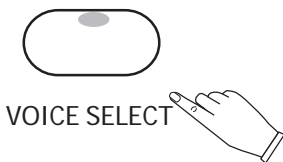
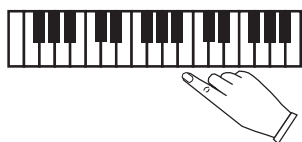
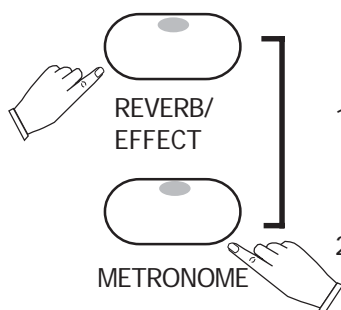
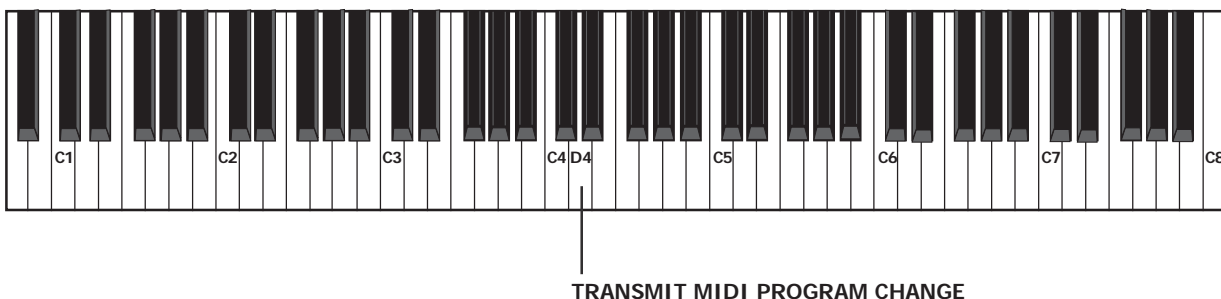
1. Put the Suzuki into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
2. Press the B3 MIDI Local Control On or Off piano key on the keyboard to turn the function on or off.
3. Press the Voice Select button to return the Suzuki piano to operating mode with the selected MIDI Local Control engaged.



TURNING MULTI-TIMBRAL MODE ON / OFF

1. Put the Suzuki piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
2. Press the C4 Multi-Timbral mode On or Off piano key on the keyboard to turn the function on or off.
3. Press the Voice Select button to return the Suzuki piano to operating mode with the selected Multi-Timbral Mode engaged.

FUNCTION PIANO KEY CONTROLS



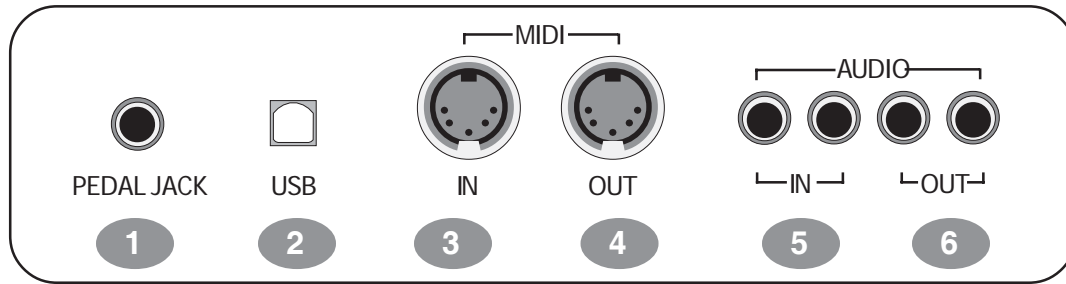
TRANSMIT MIDI PROGRAM CHANGE - You can set the Suzuki piano to transmit a Program Change Numbers via MIDI when the sound is changed on the piano.

1. Put the Suzuki piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
2. Press the D4 Transmit MIDI Program Change On or Off piano key on the keyboard to turn the function on or off.
3. Press the Voice Select button to return the piano to operating mode with the selected Transmit MIDI program change mode engaged.

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	

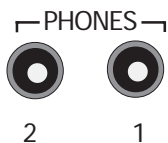
CONNECTOR PANEL



These connector jacks are located underneath the piano.

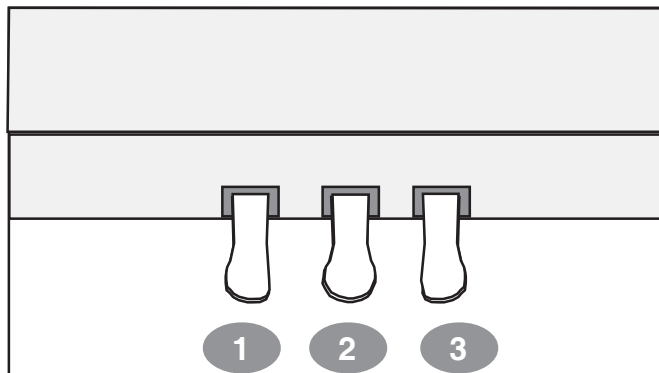
The Headphone jacks are located on the bottom left of the piano, beneath the lowest keys on the keyboard.

1. PEDAL JACK - Plug the Pedal cable into this connector.
2. USB - The USB connector allows you to connect the piano directly to your computer's USB port. Do not turn on the piano with the USB cable connected to the computer to avoid having to restart your computer.
3. MIDI IN - This piano contains MIDI Input 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.
4. 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.
5. AUDIO IN - These stereo audio input jacks will amplify the supplied signal of other electronic instruments through the internal amplifier and speakers within the piano. They can be used to hook up items such as CD players, MP3 players or Tape players.
6. AUDIO OUT - These stereo audio output jacks supplies the piano's output signal to external amplification, such as home stereo, PA system or other stand alone amplifiers.



HEADPHONES - You can play in total silence, without disturbing others in the room, by plugging a set of headphones into one of the appropriate sockets located on the left side underneath the keyboard. When headphones are plugged into either of these jacks the main speaker system is turned off. Two sets of headphones may be used at the same time.

PEDALS



PIANO PEDALS

1. **SOFT PEDAL (VOLUME)** - When the left pedal is engaged the piano volume is reduced and the timbre slightly altered on the notes that are played.
2. **SOSTENUTO PEDAL** - The Sostenuto pedal functions similar to the Sustain pedal. If the Sostenuto pedal is engaged while notes are played, the notes will sustain. The sustain effect will not apply to notes played after pressing the pedal, even if the pedal is still engaged.
3. **SUSTAIN PEDAL** - When the right pedal is engaged the piano keys will continue to sustain as they are played. Thereby the piano note will decay gradually, as if you were continuing to hold down the piano keys.

SPECIFICATIONS

KEYBOARD

88 Weighted action key
64 Note polyphony

KEYBOARD VOICE

16 sampled instrument voices including 4 MB
Stereo Grand Piano
Dual (layered) Voice option

FUNCTIONS

Tune: + or - 50 cents
Touch: Light, Normal, Heavy or Fixed
Duet: Splits the keyboard into two 44 note keyboards
Transpose: from -6 to +5 steps

MIDI

MIDI Output Channel Select
MIDI Input Channel Select
MIDI Local On/Off
Multi-Timbral On/Off
Transmit MIDI Program Change On/Off

DEMONSTRATION SONGS

20 Demo songs

PLAY ALONG SONGS

Lesson Function with Right Hand, Left Hand or Both
Hands testing
50 Play Along Songs
Vocal Grading

CONTROLS

Power: On/Off
Master Volume Control
Play/Stop

DIGITAL EFFECTS

Digital Reverb: Room, Stage, Hall
Digital Chorus: Chorus Type 1, Chorus Type 2

METRONOME

Tempo range from 40 to 240 bpm

PEDALS

Soft
Sustain

BUILT IN REAL TIME RECORDER

SPEAKERS

8 X 2 Full dynamic range

POWER OUTPUT

25 watt + 25 watt (per side)

CONNECTORS

Headphone
Audio In (Left/Right)
Audio Out (Left/Right)
MIDI In/Out

FINISH

Dark Gray Ashwood

DIMENSIONS

53 1/2" w X 7/8" d X 31" h

WEIGHT

79 lbs (including stand)

WARRANTY

This product, except the exterior cosmetic parts, is warranted by the Suzuki Corporation to the original purchaser to be free from defects in material and workmanship under normal use as follows:

- 1. For a period of one year from the date of purchase, the Suzuki Corporation will pay the labor charges to repair the defective product. After this one year period, you must pay all labor charges.**
- 2. In addition, the Suzuki Corporation will supply, at no charge, new or rebuilt replacements for defective parts for a period of one year from the date of purchase.**

In the event repairs are needed, the original purchaser will return the product to an Authorized Suzuki Retail Center with the proof of purchase. The dealer will then repair the product or return it to the Suzuki distribution center in San Diego, California for repairs. Upon completion of the repair, the unit will be returned to the customer. This warranty will not apply to this product if it has been misused, abused, or altered. This warranty is void if the product has been opened. Without limiting the foregoing, bending, dropping of unit, or visible cracks and/or scratches are presumed to be defects resulting from misuse or abuse.

Neither this warranty nor any other warranty expressed or implied, including implied warranties of merchantable, shall extend beyond the warranty period. No responsibility is assumed for any incidental or consequential damages.

In the United States Contact:

Suzuki Corporation
San Diego Distribution Center
P.O. Box 261030
San Diego, CA 92196

In all other Countries Contact: Original retailer where product was purchased for additional warranty details.

SUZUKI

Digital Piano

OWNER'S MANUAL



SUZUKI

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