ARIUS
DIGITAL PIANO

STN-1000
DIGITAL PIANO

User's Manual

WELCOME!

We would like to express our appreciation and congratulate you for purchasing this **STN-1000** 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.

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

Grand Piano Sound with Stereo Sample Resonance for Expressive Playing
Our stereo Sampling Technique realistically reproduces complete sound
of an acoustic grand piano

Keyboard with Three Pedals that faithfully reproduce the acoustic
Grand Piano Experience. The piano's keyboard has a graded hammer action which
duplicates the touch of the acoustic grand pianos feel. There is a heavier touch in the
lower register and progressively lighter touches as you proceed up the keyboard
just like an acoustic grand piano.
The three pedal functions allows for subtle performance nuances to be expressed.

Elegant Home Decor Cabinet Styling that adds beauty and sophistication to
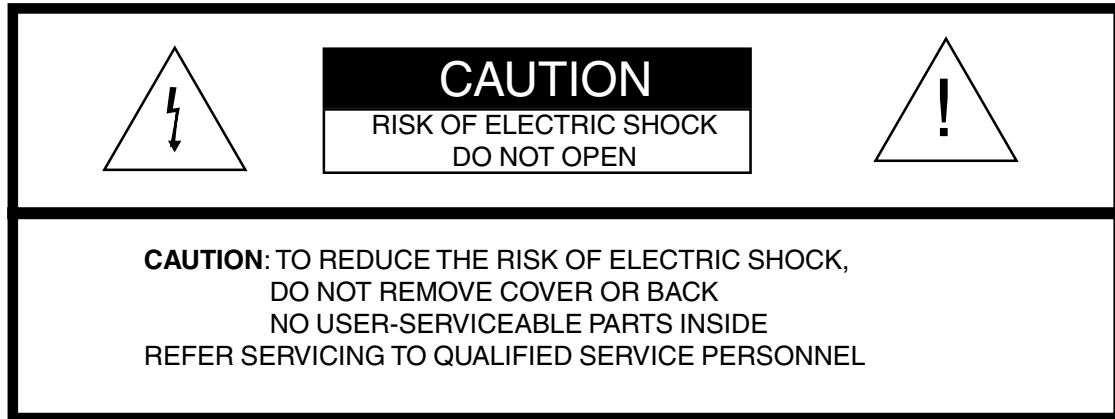any home environment. While the compact design ensures the use of minimal
space.

USB Port for easy connection to your laptop or desktop computer. Depending on your
accessory package you may have received exciting software that can be easily used with
your piano to compliment your learning and musical enjoyment experience.

Additional Features
• 16 stereo sampled instrument voices with acoustic realism response
• 64 note polyphony ensures that you can use the pedal freely without dropping notes
• a Lesson Function to learn to play over 50 Popular Play Along Songs
• vocal grading of your lesson performance - like a built in music teacher!
• 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 you to play in your favorite piano key
• USB port for easy connection to your laptop or desk top computer
• MIDI Ports and controls to access connections with other MIDI musical instruments

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.

GENERAL PRECAUTIONS

<table>
<tr><td rowspan="2">⚡</td><td colspan="2" style="background:black;color:white">CAUTION</td><td rowspan="2">!</td></tr>
<tr><td colspan="2">RISK OF ELECTRIC SHOCK
DO NOT OPEN</td></tr>
<tr><td colspan="4">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</td></tr>
</table>

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.
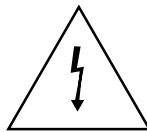
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and maintenance or servicing instructions.

CAUTION - Any changes or modifications in construction of this device which are not expressly ap-
proved 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 communi-
cations. 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 **Arius** 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. A wax based polish 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.

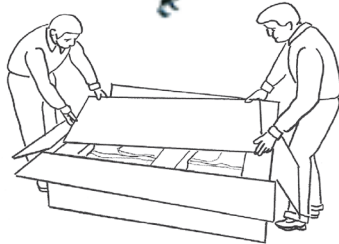# TABLE OF CONTENTS

ARIUS
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ASSEMBLY

Please take a few moments to follow the simple assembly steps listed below.
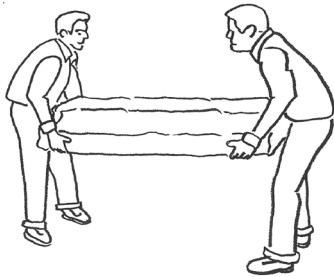
UNPACKING YOUR NEW DIGITAL PIANO

1. Carefully unpack the Piano components and set them aside.

   Note: IMPORTANT! Be sure to unpack the Hardware and Power Supply from the protective foam pieces.

2. Using two people, lift your new piano out of the carton and place on a soft surface such as a carpet or blanket.


3. Remove the protective outer packing materials from the Piano.


   Note: Use only your hands to remove the protective materials. Sharp tools may damage the piano.
   Take care not to let foreign objects come into contact with the Piano.

ASSEMBLY

4. | Parts enclosed:

Piano
Pedal Board
Privacy Board
Two (2) Stand Legs
Power Cord
Hardware and Phillips Screw Driver

Piano

Pedal Board

Stand Leg

Privacy Board

Stand Leg

Hardware
and Phillips Screw Driver

Power Cord
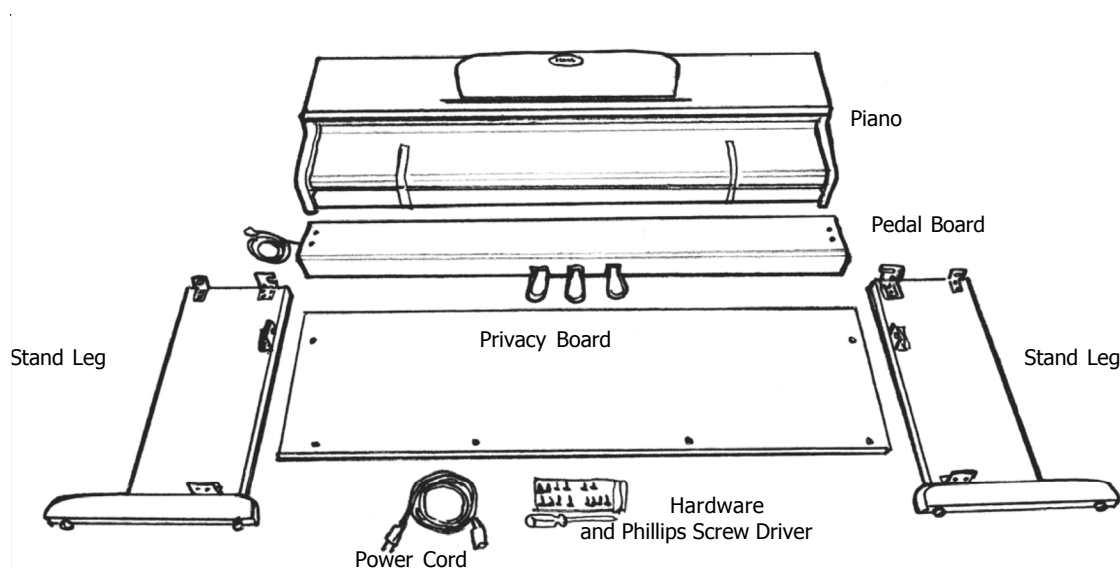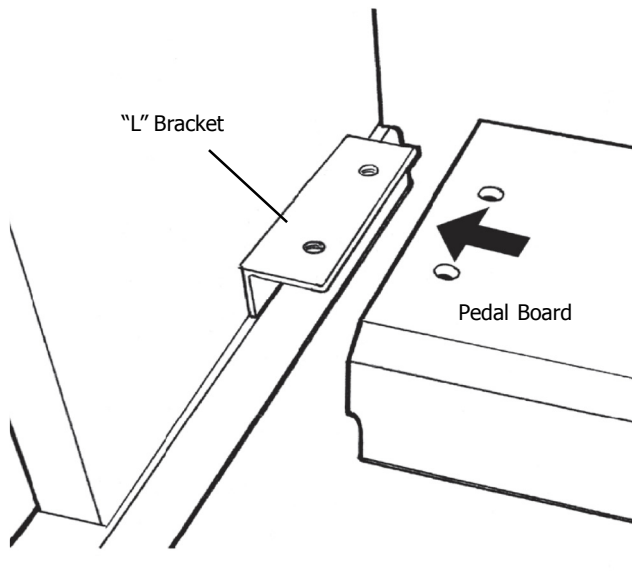
5. | Hardware enclosed:

A - Eight (8) 3/4" Machine Screws
B - Two (2) 1/2" Machine Screws
C - Four (4) 1/2' Wood Screws
D - Phillips Screw Driver
E - Cord Clip to hold Pedal Cable in place (4)
F - Headphone Holder and Screws
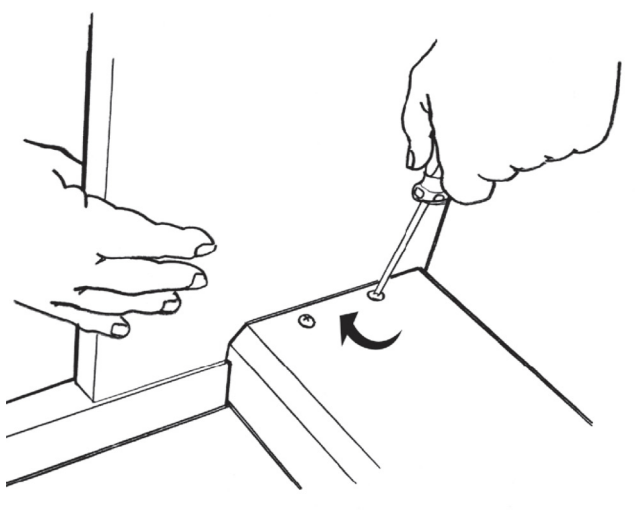

E   A   B   F

D   C

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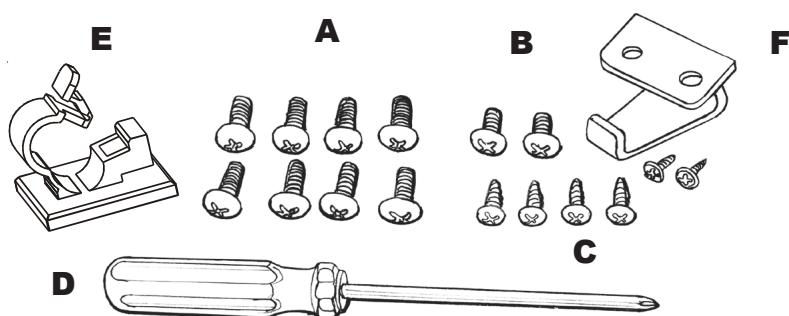
ASSEMBLY

ATTACHING STAND LEGS TO PEDAL BOARD

1. Slide the Pedal Board over the "L" Bracket on the bottom of the Stand Leg and align the holes.

2. Attach the Pedal Board to the Stand Legs using four (4) of the longer 3/4" Machine Screws.
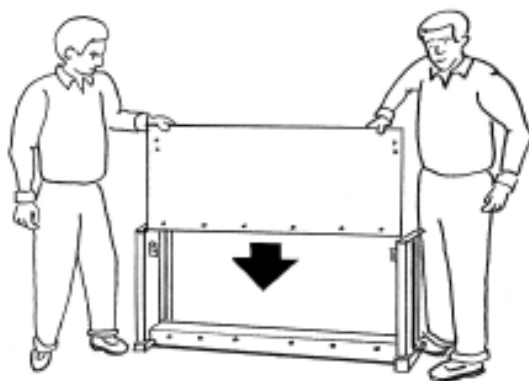
ASSEMBLY

ATTACHING THE PRIVACY BOARD

1. Slide the Privacy board into the Slots on the backside of the Leg Stands.

2. Align the holes in the Privacy Board with the Threaded Holes of the Leg Bracket. Install the two (2) shorter 1/2" Machine Screws into the Privacy Board.
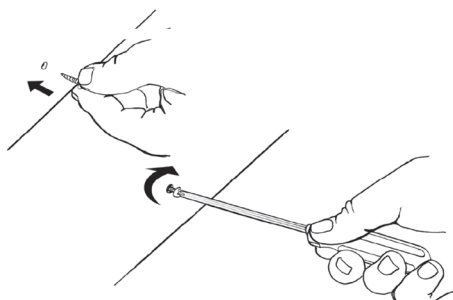
   Note: Do not tighten the screws at this time.

3. Align the four small holes at the bottom of the Privacy Board with the holes in the Pedal Board. Install all four (4) Wood Screws prior to tightening them.
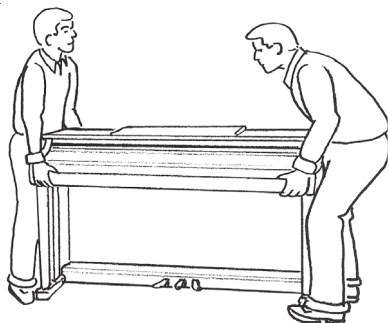   Now tighten the two Privacy Board Machine Screws (from step 2).

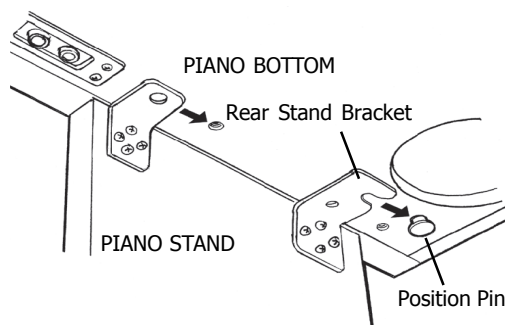   **Note:** Do not over tighten the screws.

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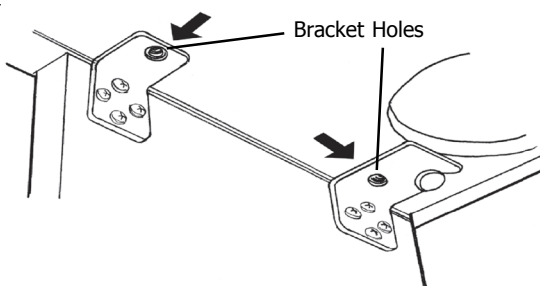# ASSEMBLY

ATTACHING THE PIANO TO THE STAND

1. Using two people, lift the Piano onto the Leg Stands and Pedal Board assembly.

2. Slide the Piano onto the Stand so the Position Pin is in the Slot of the Rear Stand Bracket.

PIANO BOTTOM

Rear Stand Bracket

PIANO STAND

Position Pin

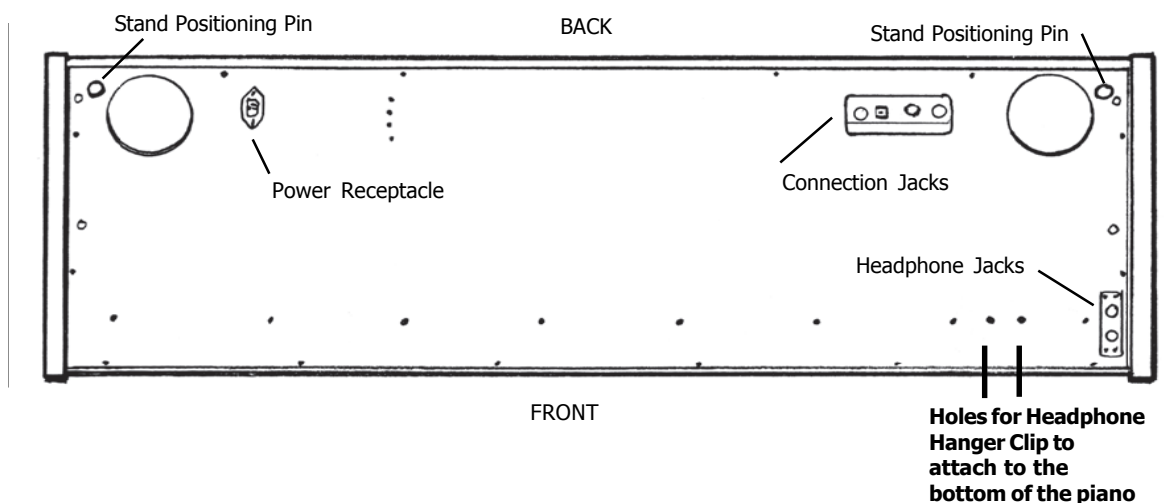3. Align the Bracket Holes with the Threaded Inserts.

Bracket Holes

4. Secure the Piano to the Stand using four (4) of the longer 3/4" Machine Screws.
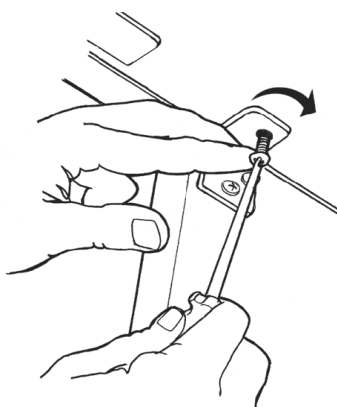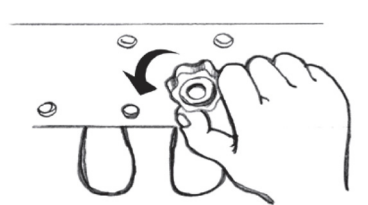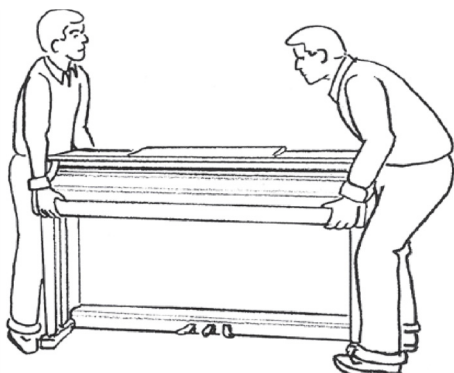
ASSEMBLY

CONNECTIONS & POWER

1. ▎ Piano bottom Attachments and Connections.

Stand Positioning Pin   BACK   Stand Positioning Pin

Power Receptacle   Connection Jacks

Headphone Jacks

FRONT

Holes for Headphone Hanger Clip to attach to the bottom of the piano

2. ▎ Place the piano in its final position, on the bottom the pedal board is a turn down knob. Turn the Pedal Brace Knob down to firmly touch the floor.
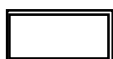

3. ▎ Locate the Power Cord and plug it into the Receptacle on the bottom of the Piano. Plug the Power Cord into an appropriate wall socket.

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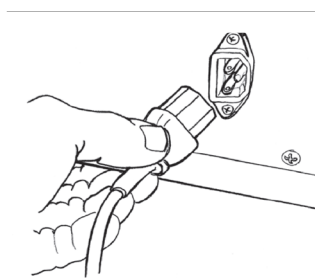
ASSEMBLY

AFTER ASSEMBLY IS COMPLETE AND THE PIANO IS PLUGGED IN

TURN ON THE PIANO

POWER

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.

ADJUSTS THE PIANO'S VOLUME CONTROL
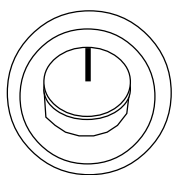
MASTER VOLUME

2. Adjust the volume control to a comfortable level.

3. Begin to play the piano.

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.

### ENJOY YOUR NEW SUZUKI DIGITAL PIANO!
 Please refer to the rest of this manual for piano operation.

CONTROL PANEL

CONTROL PANEL BUTTONS

The simple control panel is located to the left of the piano keys. The Piano Keys themselves functions as control buttons for various function operations.
Listed below is a brief description of the Control Panel Buttons on the **STN-1000** piano.
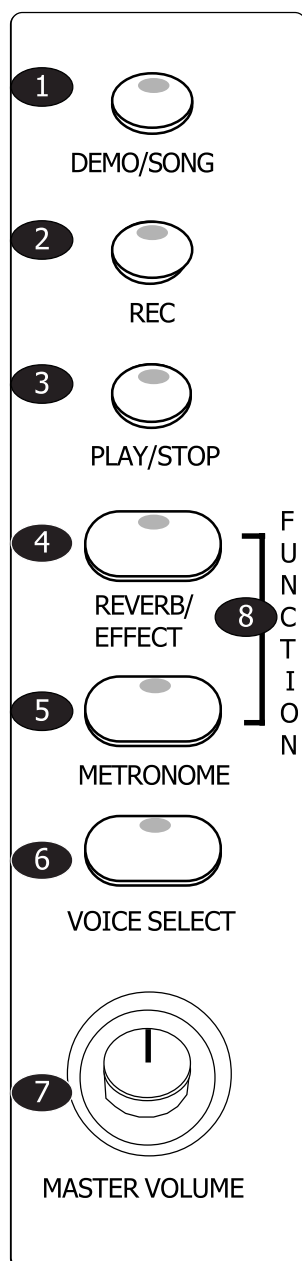
1.   **DEMO/SONG -** The STN-1000 has 10 built in demonstration songs for your listening enjoyment designed to showcase the instrument's capabilities. Press the DEMO button. The first demo song will begin to play instantly. Please see the Demonstration Song section of this manual for more information.
The piano also has 58 "Play Along" songs, each assigned to a piano 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 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 instrument voices that can be accessed by pressing the Voice Select button. You can sequence through the voice list by pressing the Voice Select button. 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 STN-1000 . Please see the Function Piano Key Controls section of this manual for more information.

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DEMONSTRATION SONGS

BLACK DEMO SONG KEYS

WHITE DEMO SONG KEYS
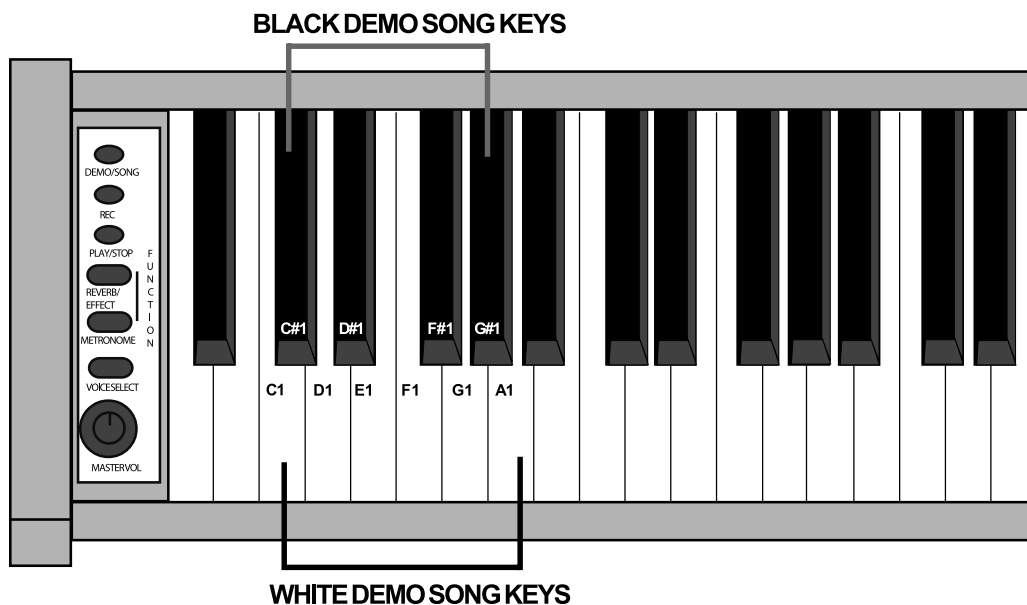
DEMONSTRATION SONGS

This **ARIUS** piano offers 10 different demonstration songs that demonstrate many of the pianos different instrument voices.

Note: The Demo/Song button is also used with the Play Along Song function of the STN-1000 . The Play Along Song function includes 58 songs assigned to the Play Along Song function keys that can also be played back for your musical enjoyment. Please see the Play Along Song section of this manual for more information.
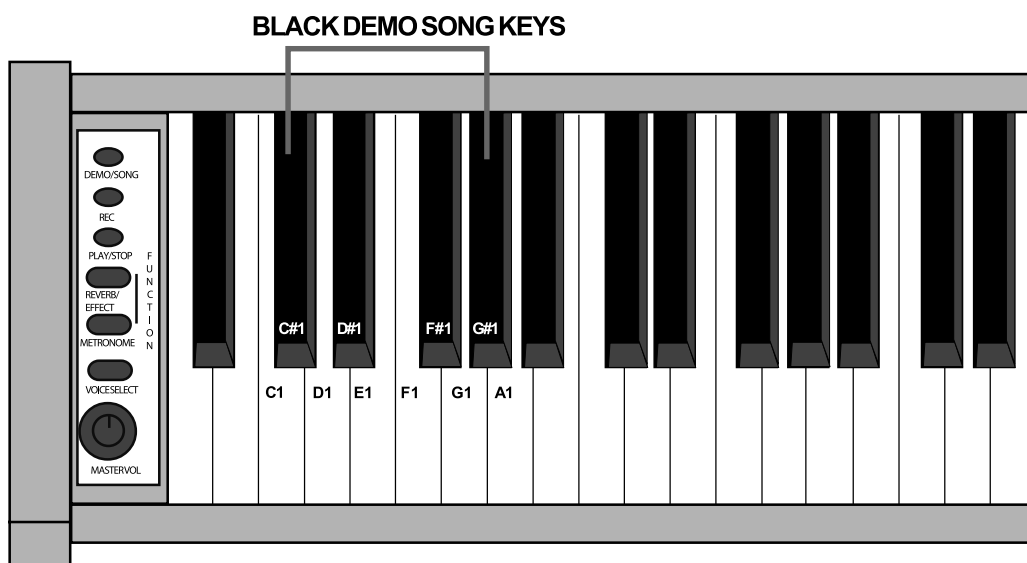
TO PLAY THE DEMONSTRATION SONGS

1. Press the Demo/Song button and the first demonstration song will start to play. When the demo song is finished, the STN-1000 will play the next Demo Song and one at a time they will follow in sequential order.

DEMO/SONG

TO SKIP A DEMONSTRATION SONG
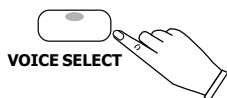
1. To Skip a Demo song and continuing playing in sequence, press the Voice Select button while in the Demo Song mode. The piano will skip to the next demo song.
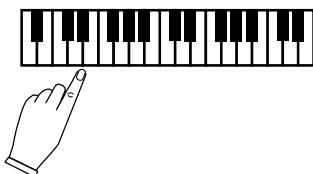
VOICE SELECT

DEMONSTRATION SONGS

BLACK DEMO SONG KEYS

TO SELECT A SPECIFIC DEMONSTRATION SONG

1. To Select a specific Demonstration song press and hold the Demo/Song button.

2. Then press a Demo song piano key shown above. The piano will play the song assigned to that key after you release the piano key.
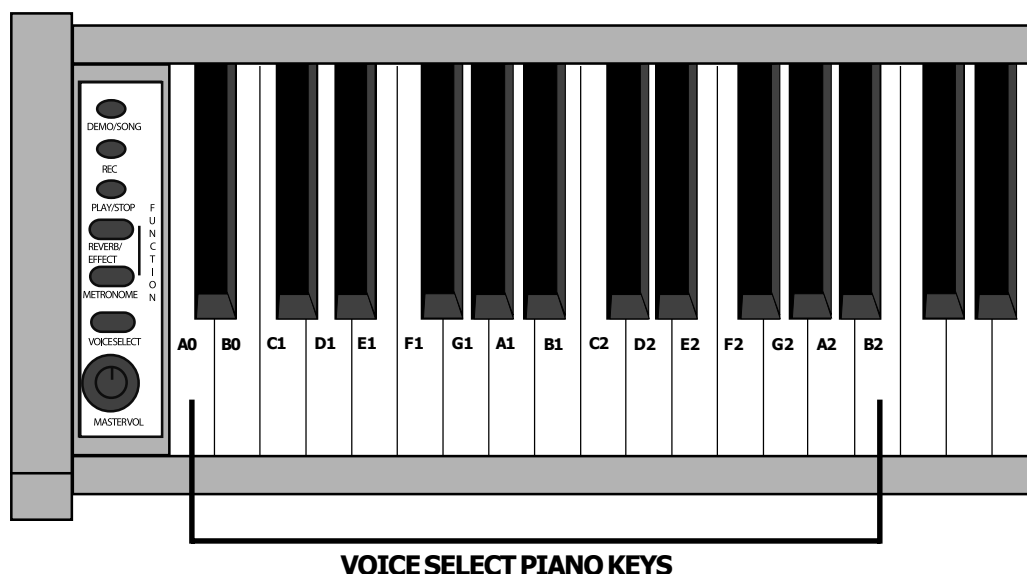
TO STOP THE DEMONSTRATION SONG

1. To Stop the Demo Song, press the Demo/Song button, it's LED indicator light will turn off, and the Demo song will stop playing.

You may also press the Play/Stop button to stop the Demo song from playing.

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VOICE SELECT

VOICE SELECT PIANO KEYS
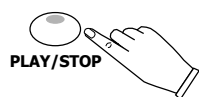
Your **ARIUS** Piano has 16 different digitally sampled instrument voices. Each of these sampled instruments were recorded from the actual instrument to maintain acoustic realism. Please see the Voice Description list at the back of this manual for information on each instrument.

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.
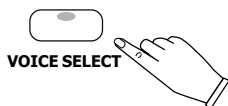
1. Press and release the Voice Select button once and it will change the instrument voice to the next voice selection.

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.
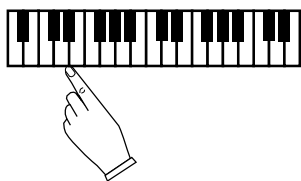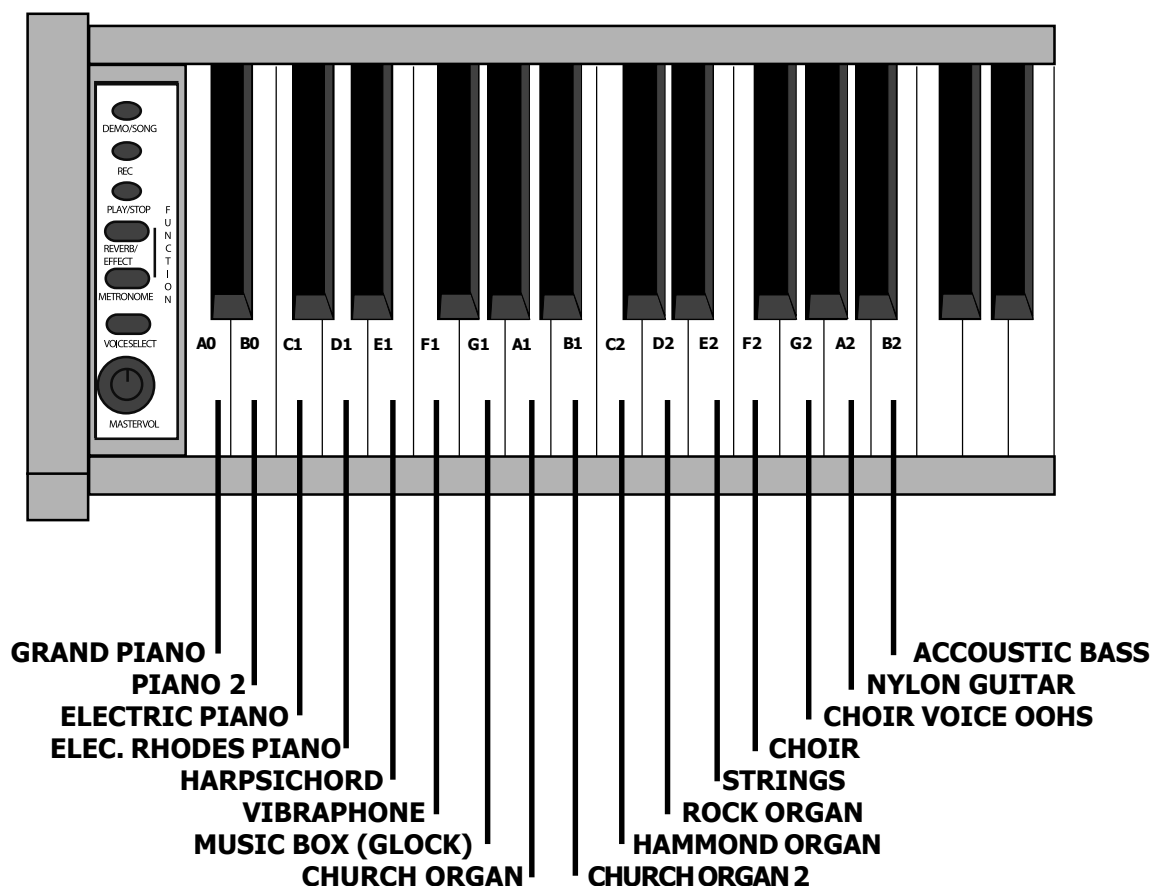

1. Press and hold the Voice Select button.

2. Press the piano key assigned to the desired voice as listed below. This will directly access that instrument voice.

Voice #	Key	Voice Name	Voice #	Key	Voice Name
01	A0	GRAND PIANO	09	B1	CHURCH ORGAN 2
02	B0	PIANO 2	10	C2	HAMMOND ORGAN
03	C1	ELEC. PIANO 1	11	D2	ROCK ORGAN
04	D1	RHODES PIANO	12	E2	STRINGS
05	E1	HARPSICHORD	13	F2	CHOIR
06	F1	VIBRAPHONE	14	G2	CHOIR VOICE OOHS
07	G1	MUSIC BOX (GLOCK)	15	A2	NYLON GUITAR
08	A1	CHURCH ORGAN 1	16	B2	ACOUSTIC BASS

VOICE SELECT

**INDIVIDUAL INSTRUMENT VOICE SELECT PIANO KEYS ARE SHOWN ABOVE**
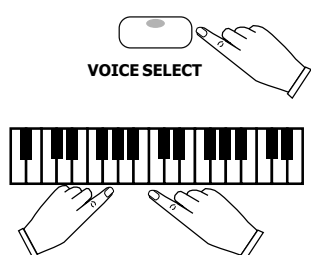You can scroll through the instrument voices by pressing and releasing the Voice Select button.

Note: Please see the Voice Description list at the back of this manual for a brief description of each of these instrument voices.

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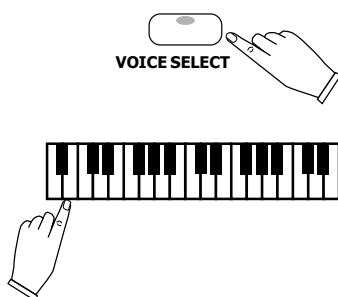
VOICE SELECT

DUAL TONE INSTRUMENT VOLUME DECREASE
DUAL TONE INSTRUMENT VOLUME INCREASE
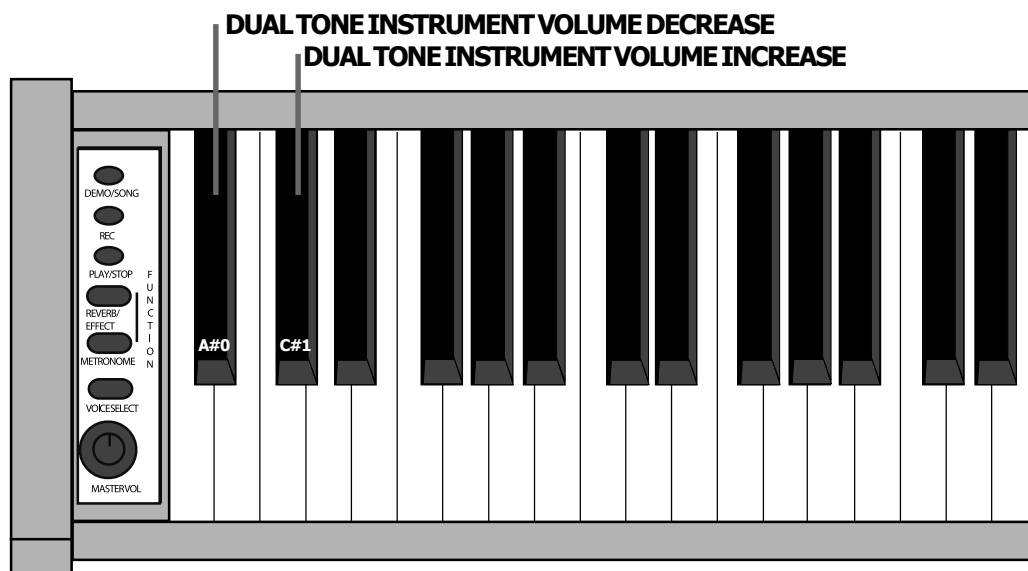
DUAL - In the Dual mode, you combine or mix, two instrument sounds together.

VOICE SELECT

1. ▌ Hold down the Voice Select button.

2. ▌ While holding down the Voice Select button press and hold release the first of the two instrument voices that you want to mix together. While still holding the voice select button down and the first Instrument voice Key down, press the second instrument voice piano key. Then release all keys and button, the piano is now tone mixed.

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

VOICE SELECT

1. ▌ Hold down the Voice Select button.

2. ▌ While holding down the Voice Select button, press the A#0 black piano key to lower the volume of the layer tone instrument voice or the C#1 black piano key to raise the volume of the layer tone instrument voice. Press both the A#0 and the C#1 piano keys simultaneously to recall the default volume setting.
Please see the Diagram Shown Above.

HARD RESET TO THE FACTORY DEFAULT SETTINGS - At any time you can easily put the piano back to its default factory settings.

DEMO/SONG
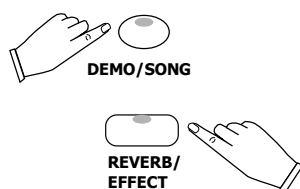
REVERB/ EFFECT

1. ▌ With the piano power off, press and hold both the Demo/Song button and the Reverb/Effects buttons and turn the power switch on. This will reset STN-1000 to its original default factory settings. The Concert Grand Piano Voice is now engaged.

REVERB AND EFFECT

TYPE 2 CHORUS
TYPE 1 CHORUS
HALL REVERB
STAGE REVERB
ROOM REVERB
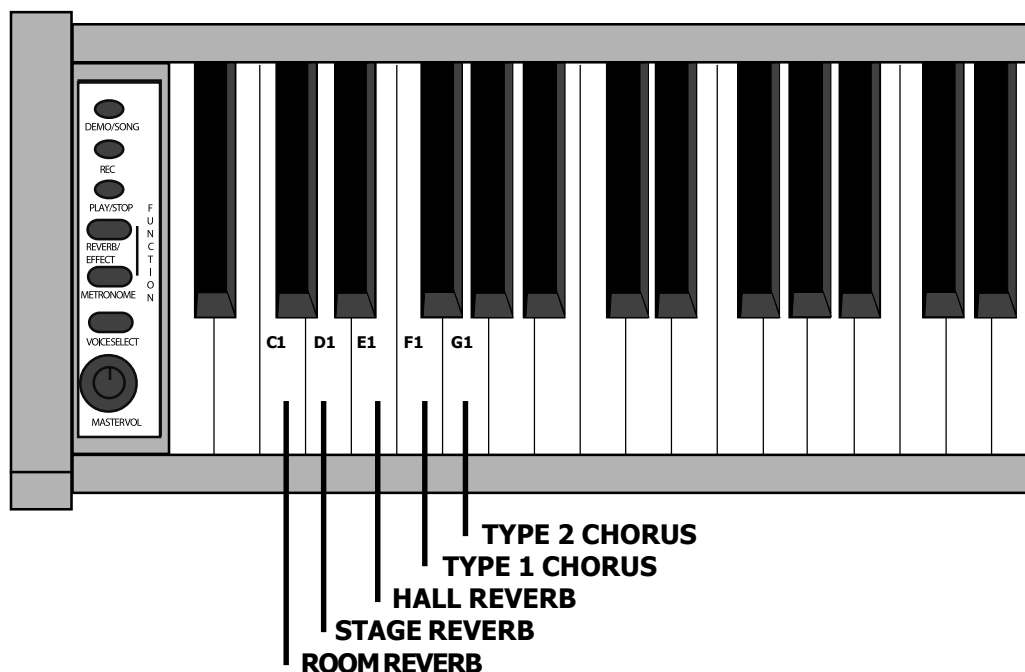
REVERB/EFFECT - The STN-1000 has three types of Reverb, and two types of Effect or Chorus, functions.
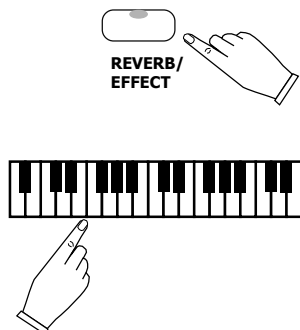
1. To change the selected Reverb type press and hold the Reverb/Effect button down.

2. While holding the Reverb/Effect button select the piano key of your desired Reverb type. The selected function will be engaged after you release the Reverb/Effect button is released.
    Please see the Diagram Shown Above.
    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

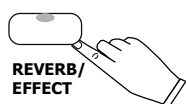**Note**: The default setting for the Reverb/Effect function is Reverb Stage type.

TO TURN OFF JUST THE REVERB
1. To turn the Reverb function off, press the Reverb/Effect button so the LED indicator light goes off. The Chorus will stay on if selected.
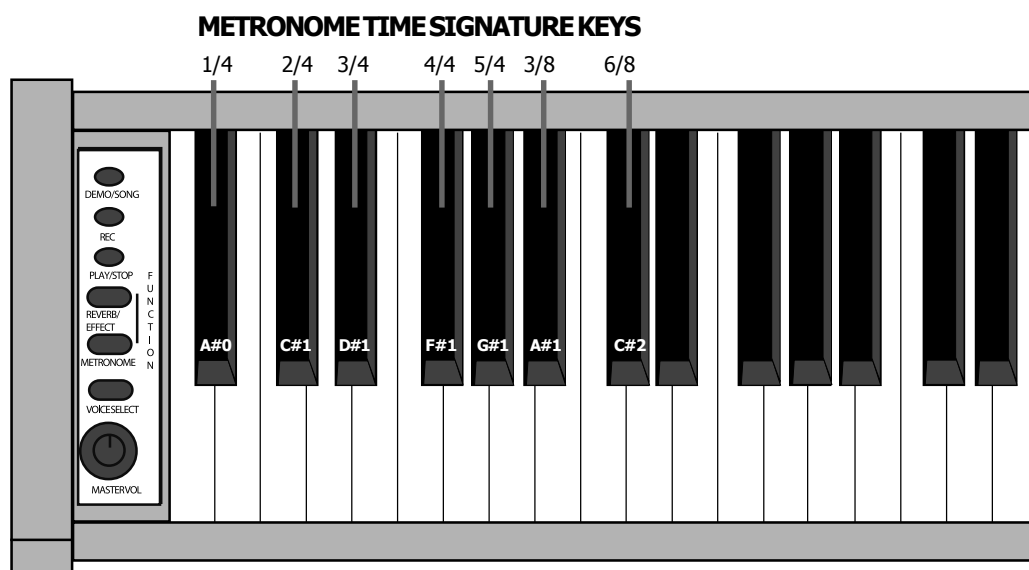
TO TURN OFF JUST THE CHORUS
1. To turn the Chorus function off, select a Reverb Piano Key while holding down the Reverb/Effect Button. Whenever engaging a Reverb type it will automatically turn off the Chorus effect.

TO TURN THE REVERB AND CHORUS EFFECT FUNCTION OFF
1. Select a Reverb Function Piano Key while holding down the Reverb/Effect Button. This will turn the Chorus function off,
    Next turn the Reverb/Effect Button off (its LED will turn off).
    Now both the Reverb and Chorus effect have been disengaged.

ARIUS
DIGITAL PIANO

METRONOME

METRONOME TIME SIGNATURE KEYS

1/4   2/4   3/4   4/4   5/4   3/8   6/8

A#0   C#1   D#1   F#1   G#1   A#1   C#2

METRONOME - This STN-1000 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.
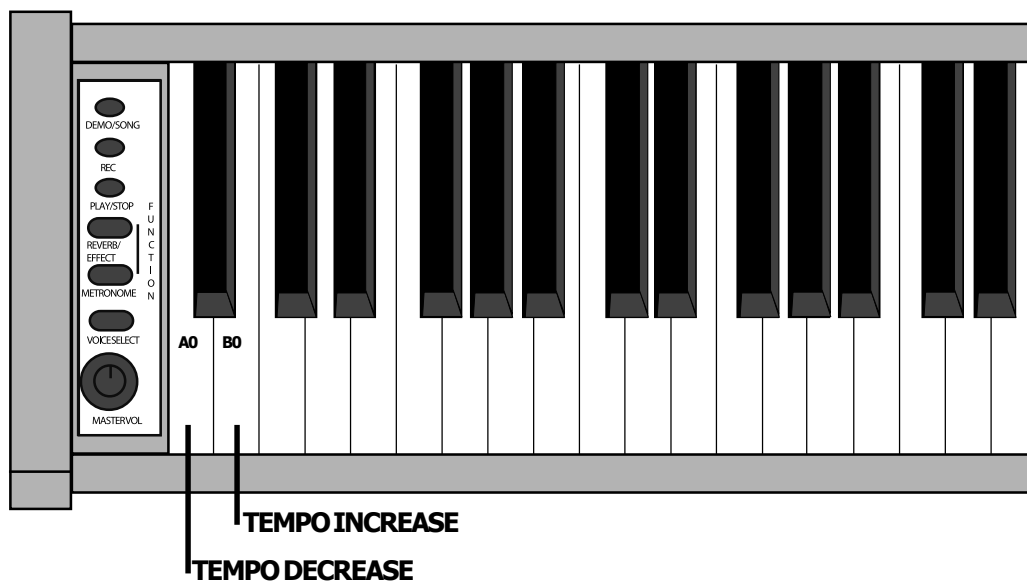
TO START THE METRONOME

1. To start the Metronome, press the Metronome button, the indicator light will come on, and then flash in time to the selected beat.
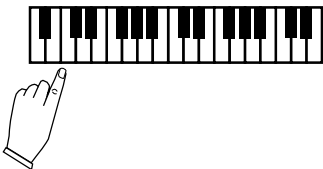
TO CHANGE THE TIME SIGNATURE OF THE METRONOME

1. 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.

   A#0 Metronome 1/4 time signature.
   C#1 Metronome 2/4 time signature.
   D#1 Metronome 3/4 time signature.
   F#1 Metronome 4/4 time signature.
   G#1 Metronome 5/4 time signature.
   A#1 Metronome 3/8 time signature.
   C#2 Metronome 6/8 time signature.

   PLEASE SEE DIAGRAM SHOWN ABOVE.
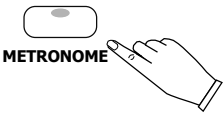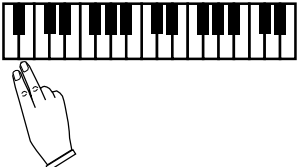
METRONOME

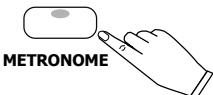**TEMPO INCREASE**

TEMPO DECREASE

TO ADJUST THE TEMPO OF THE METRONOME

1. To adjust the tempo, hold the Metronome button down while the Metronome button is in the off mode (LED is off).

2. 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 40 BPM to 240 BPM.

    Note: Every time you press the Increase or Decrease Tempo piano key it will adjust the Tempo by 5 beats per minute.

TO RESET THE METRONOME

1. 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.
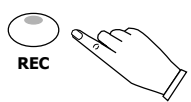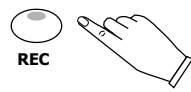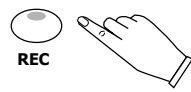
TO TURN THE METRONOME OFF

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

ARIUS
DIGITAL PIANO

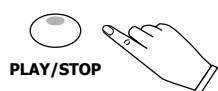# RECORD

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.
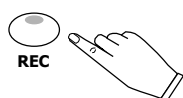
TO RECORD A PERFORMANCE

1. Prepare to record by selecting the piano voice, reverb level and other parameters as desired.

REC

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. Begin to play the piano piece that you wish to record.

REC

3. To stop recording, press the Record button when you are finished with your performance. The STN-1000 will stop recording.

PLAYBACK - To listen to the recorded performance.

PLAY/STOP

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.
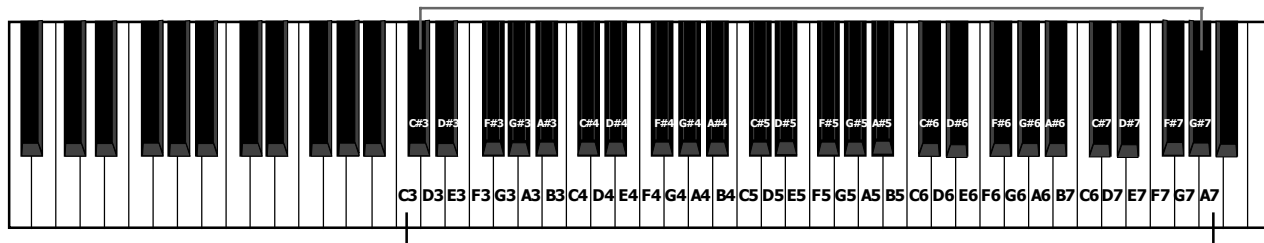
REC

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

BLACK PLAY ALONG SONG PIANO KEYS

C#3 D#3 F#3 G#3 A#3 C#4 D#4 F#4 G#4 A#4 C#5 D#5 F#5 G#5 A#5 C#6 D#6 F#6 G#6 A#6 C#7 D#7 F#7 G#7

C3 D3 E3 F3 G3 A3 B3 C4 D4 E4 F4 G4 A4 B4 C5 D5 E5 F5 G5 A5 B5 C6 D6 E6 F6 G6 A6 B7 C6 D7 E7 F7 G7 A7

WHITE PLAY ALONG SONG PIANO KEYS

PLAY ALONG SONGS -This piano includes 58 different 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!
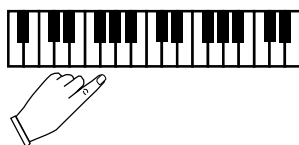
Note: Please see the list of play along songs at the back of this manual.

TO SELECT A SONG - The 58 Play Along songs are each assigned to a key. There are children's songs, American classics and Christmas songs, as listed in the Play Along Song list at the back of this manual.

DEMO/SONG

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.

TO LISTEN TO A SONG - To only listen to a Play Along Song.

PLAY/STOP

1. Press the Play/Stop button after completing steps 1 and 2 shown above. STN-1000 will start playing back the selected song.
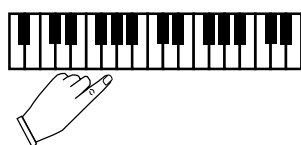
2. When you are finished listening to the song, press the Play/Stop button to stop the song.

If you want to listen to a different song then repeat the step shown above to select the new song.

ARIUS
DIGITAL PIANO

PLAY ALONG SONGS

RIGHT HAND TEST
LEFT HAND TEST

PERFORMING A PLAY ALONG SONG - The Demo/Song button will access the play along music lesson guide. There are over 50 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 keyboard.

You can test yourself on the right hand melody, the left hand accompaniment or on both hands.

The Right - Hand Test is accessed by selecting the Right Hand Test Piano Key.

The Left -Hand Test is accessed by selecting the Left Hand Test Piano Key.

Please see the Diagram Shown Above.

RIGHT HAND TEST - In this mode you will play the Right Hand Portion of the Play Along Song while the piano will playback the Left Hand Portion of the Play Along Song.
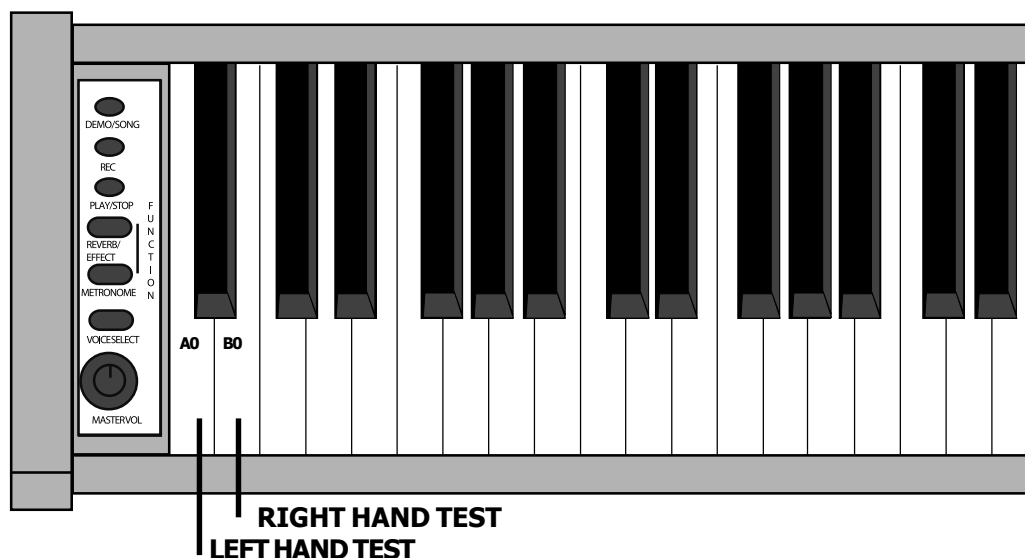
DEMO/SONG

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.

PLAY/STOP

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.

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

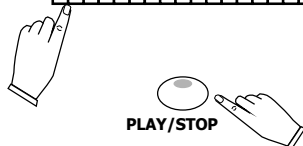# PLAY ALONG SONGS

RIGHT HAND TEST
LEFT HAND TEST

LEFT HAND TEST - In this mode you will play the Left Hand Portion of the Play Along Song while the piano will playback the Right Hand Portion of the Play Along Song.

1. Hold down the Demo/Song button and press the piano key to which your desired song is assigned

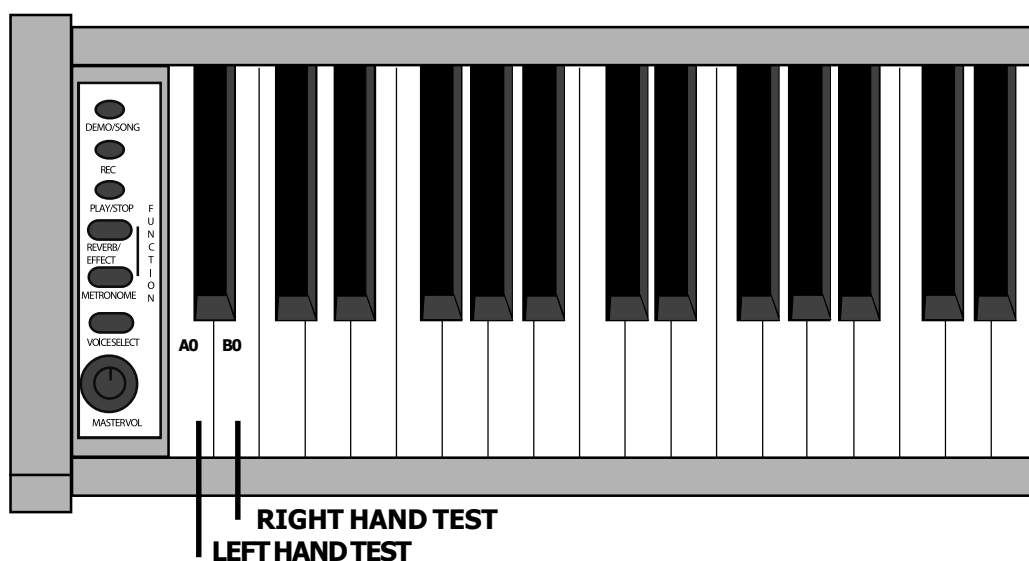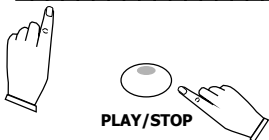2. Keep holding down the Demo/Song button and press the A0 piano key.

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.

RIGHT AND LEFT HAND TEST - Turn off the left and right hand piano parts of the song, to playback the complete song. Therefore you will play both hands together.

1. Hold down the Demo/Song button and press the piano key to which you desired song is assigned.
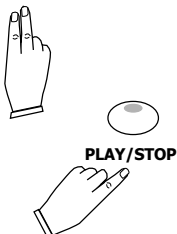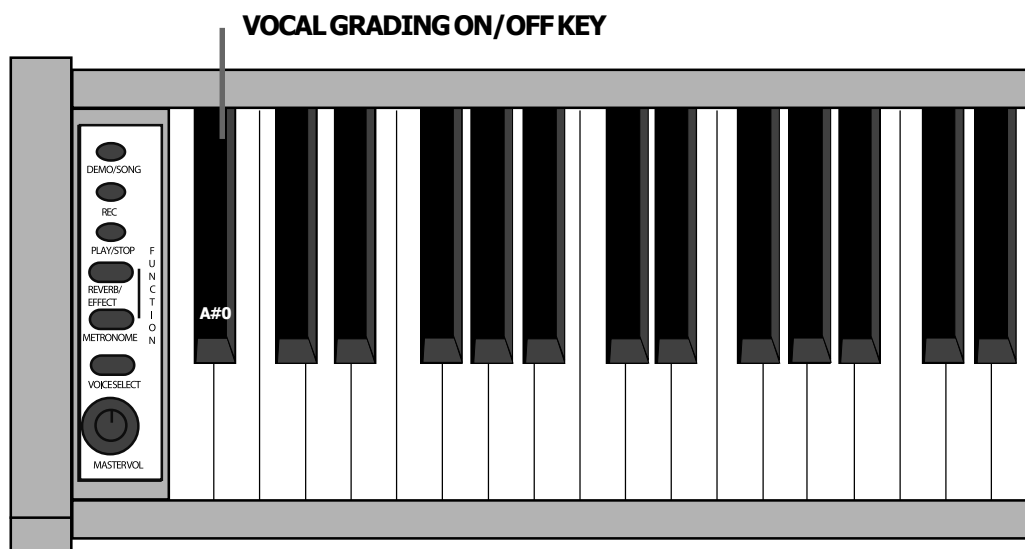
2. Keep holding down the Demo/Song button and press the A0 and the B0 piano keys.

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.

ARIUS
DIGITAL PIANO

PLAY ALONG SONGS

VOCAL GRADING ON/OFF KEY

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

TO TURN THE VOCAL GRADING ON/OFF
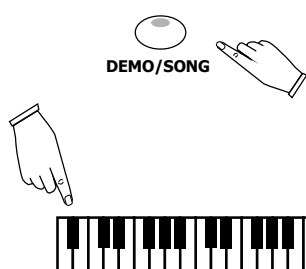
DEMO/SONG

1. The Vocal Grade function is on when he 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. Press the Demo/Song button to turn the Demo song off and set up your Play Along Song test as desired.

TO STOP THE SONG MODE

DEMO/SONG

1. Press the Demo/Song button again to exit from the Play Along Song function.

FUNCTION PIANO KEY CONTROLS

PIANO TOUCH
TRANSPOSE
TUNING
DUET PIANO LESSON MODE

TRANSMIT PROGRAM CHANGE ON/OFF
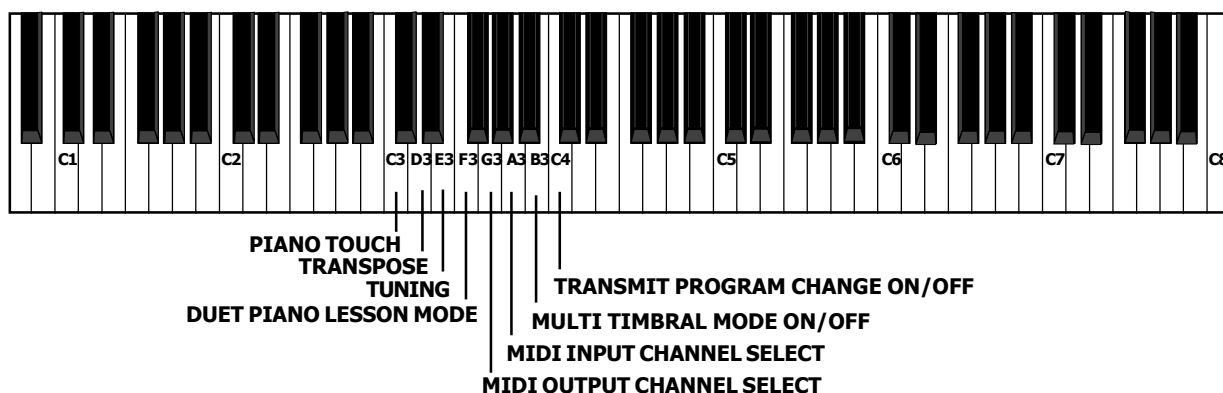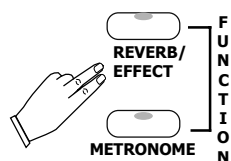MULTI TIMBRAL MODE ON/OFF
MIDI INPUT CHANNEL SELECT
MIDI OUTPUT CHANNEL SELECT

FUNCTION MODE - The Function mode gives you access to these other features of the STN-1000.
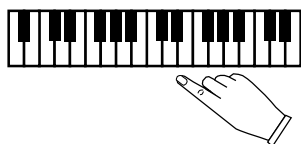
FUNCTION MODE - To enter into the Function Mode:

1. Press the Reverb/Effect button and the Metronome button simultaneously. The LED's for both buttons will begin to flash.

   Note: When the 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. See the various Functions listed above.

TO EXIT THE FUNCTION MODE
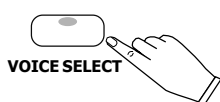
1. To exit the Function Mode press the Voice Select button. The Reverb/Effect button will stop flashing but remain on. The Metronome button will turn off.

2. 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 - When the power is turned on, these functions have the following values engaged.

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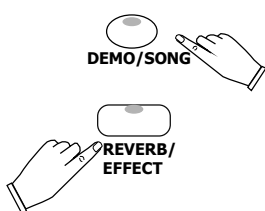
Touch	Normal
Transpose	0
Tuning	A4=440.0Hz
Reverb	On
Duet Piano Lesson	Off
MIDI Channel Select	Channel 1
Multi-Timbral Mode On/Off	On
Transmit MIDI Program Change	On
Local Mode On/Off	On

ARIUS
DIGITAL PIANO

FUNCTION PIANO KEY CONTROLS

C1 **D1** **E1** **F1**   **C3**

FIXED TOUCH
HEAVY TOUCH
NORMAL TOUCH
LIGHT TOUCH

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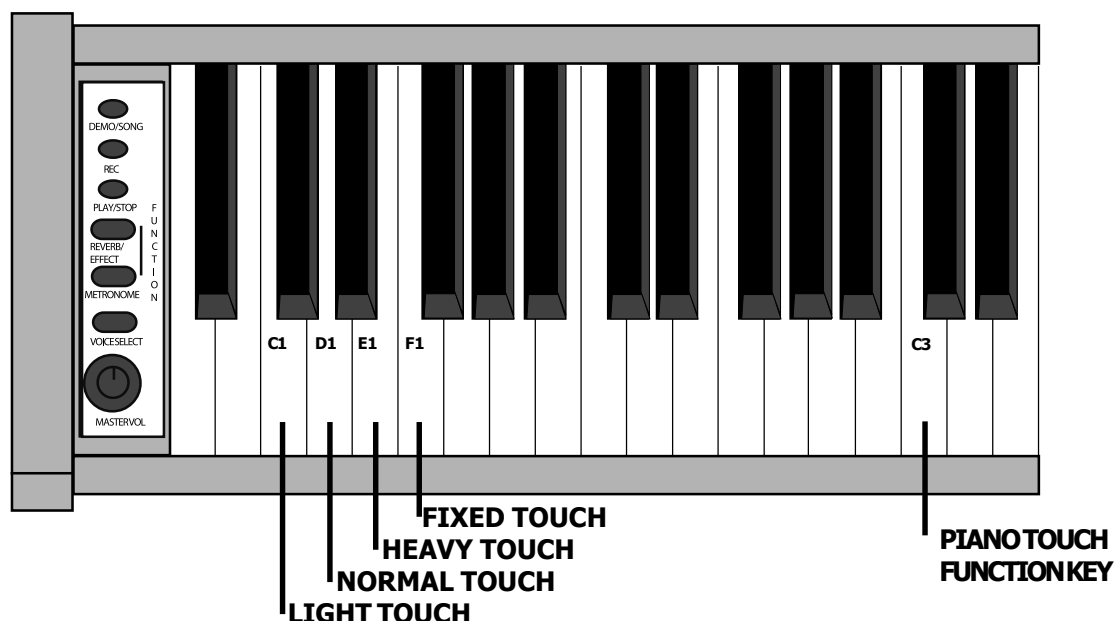
TOUCH - The piano offers four types of keyboard Touch Sensitivity settings. These are known as velocity or dynamic curves and are designed to suit your style of playing.

> **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.

TO SELECT A DIFFERENT TOUCH TYPE

1. To select a different piano touch type, put the piano into the Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, the indicator lights will begin to flash.
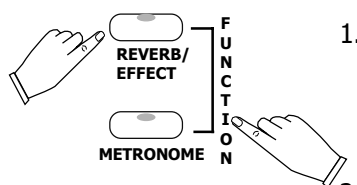
2. Press the C3 Touch piano key and continue to hold it down to put the keyboard in Touch selection Function mode.
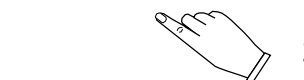
3. Press the Piano key of your desired Piano Touch key type.

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

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

FUNCTION PIANO KEY CONTROLS

BLACK TRANSPOSE SELECT KEYS

DEMO/SONG
REC
PLAY/STOP
REVERB/ EFFECT
METRONOME
VOICE SELECT
MASTER VOL

F U N C T I O N

F#1 G#1 A#1   C#2 D#2

F1 G1 A1 B1 C2 D2 E2 F2   D3

WHITE TRANSPOSE SELECT KEYS

RESET KEY

TRANSPOSE FUNCTION KEY

TRANSPOSE - 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.

TO TRANSPOSE TO A DIFFERENT KEY

REVERB/ EFFECT

METRONOME

F U N C T I O N

1. Put the 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.
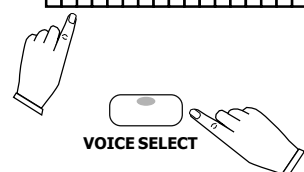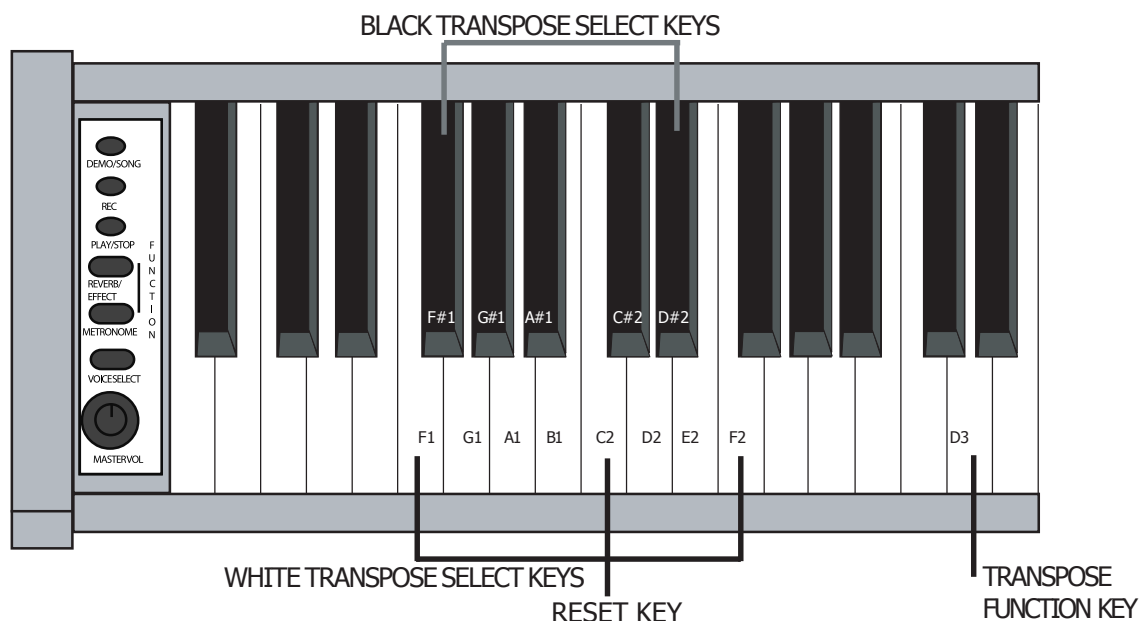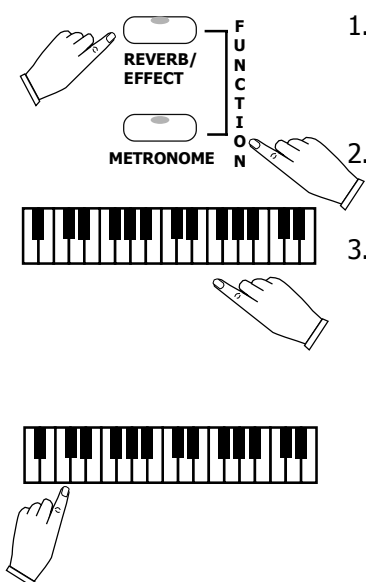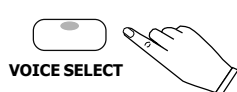
2. Press the D3 Transpose Function piano key to put the keyboard into Transpose Select Function mode.

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.

## TO EXIT THE TRANSPOSE FUNCTION

VOICE SELECT

1. To exit the Transpose mode, press the Voice Select button to return the piano to normal operating mode. Play the piano and you will notice the piano has been transposed.

ARIUS
DIGITAL PIANO

FUNCTION PIANO KEY CONTROLS

A0   B0   **E3**

TUNE + 1 CENT

TUNE - 1 CENT

TUNING FUNCTION KEY
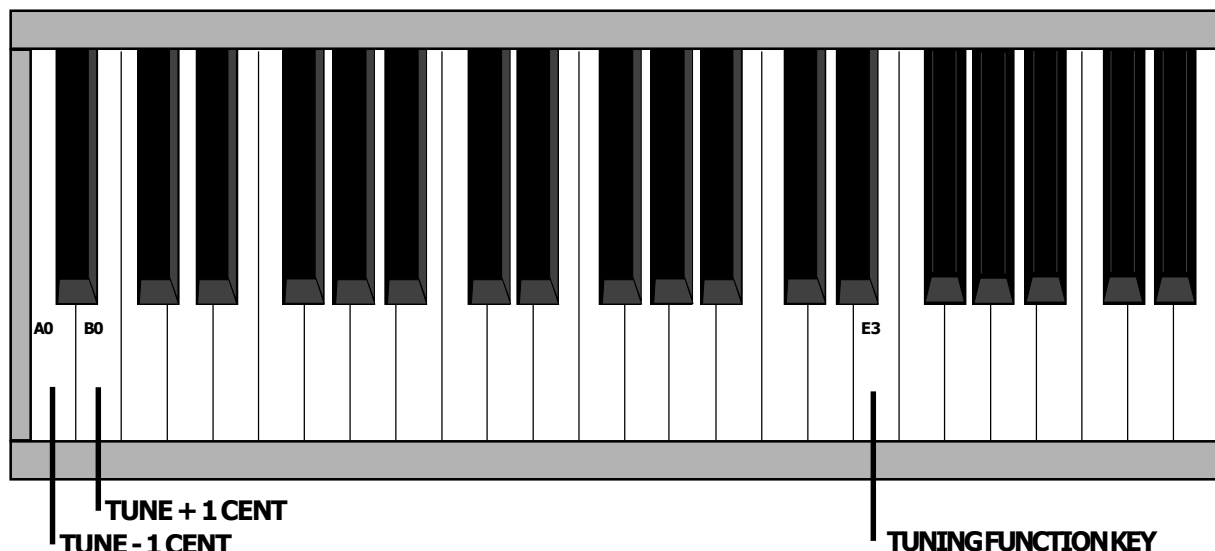
TUNE - When the piano is turned on, the keyboard's pitch is automatically set to Standard A440 concert pitch. However if a different pitch is desired, the piano's tuning range can be adjusted in one cent increments. It has a range of + to - 50 cents. The pitch is adjusted in one cent increments every 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.

TO ADJUST THE TUNING OF THE PIANO
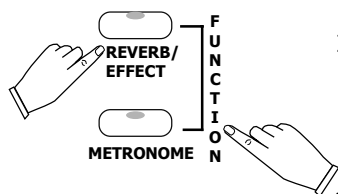
REVERB/ EFFECT

F U N C T I O N

METRONOME

1. Put the 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 Piano key , this will put the piano into Tuning Function mode.

3. Press the B0 Tuning Increase Piano key, or the A0 Tuning Decrease Piano 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.**
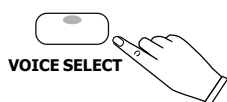
VOICE SELECT

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

FUNCTION PIANO KEY CONTROLS

A0   B0   F3

ON
OFF   DUET PIANO LESSON
                                          MODE KEY

DUET - This **ARIUS** piano offers a 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.

TO PUT THE PIANO INTO DUET MODE

REVERB/EFFECT   **F U N C T I O N**   1.   Put the piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both respective LED's will begin to flash.

METRONOME

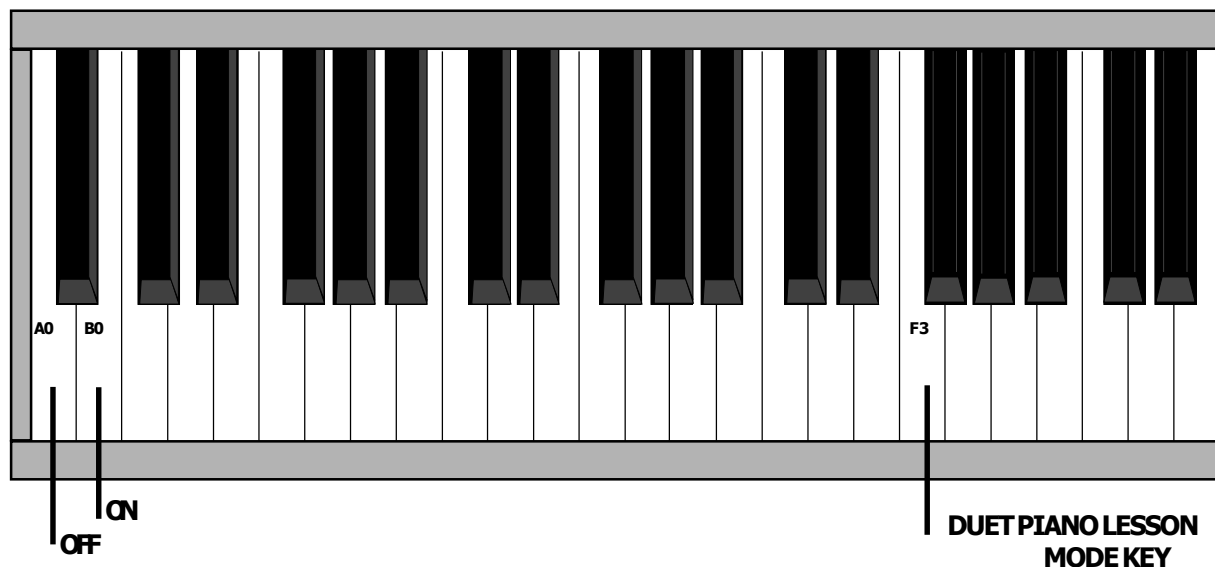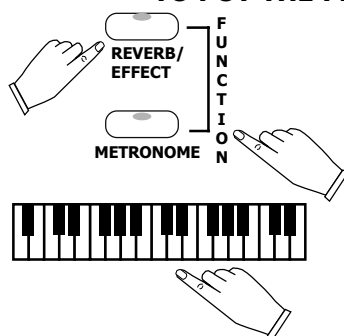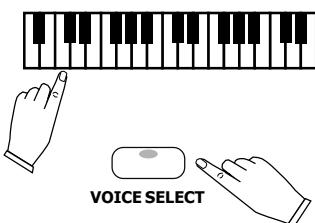2.   Press the F3 Duet Piano mode piano key to put the keyboard into Duet Piano Function mode.

TO ENGAGE OR DISENGAGE THE PIANO IN DUET MODE

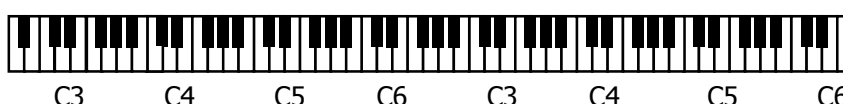1.   Press the on or the off to engage or disengage the Duet function.

2.   Press the Voice Select button to return the piano to operating mode with the selected Duet function engaged.
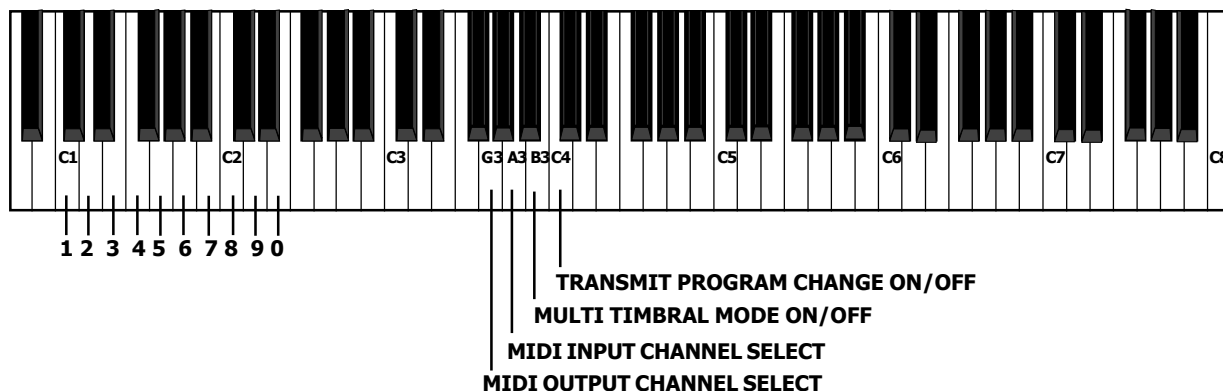
VOICE SELECT

Normal 88-note Keyboard

C1   C2   C3   C4   C5   C6   C7   C8

Two 44-note Keyboard sections for Duet performances

C3   C4   C5   C6   C3   C4   C5   C6

FUNCTION PIANO KEY CONTROLS

TRANSMIT PROGRAM CHANGE ON/OFF

MULTI TIMBRAL MODE ON/OFF

MIDI INPUT CHANNEL SELECT

MIDI OUTPUT CHANNEL SELECT

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 you musical horizons will be greatly enhanced. For further information on MIDI and MIDI equipment that is available please contact your local **ARIUS** music store.

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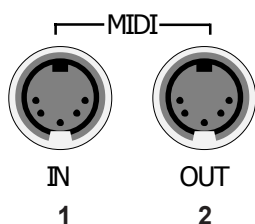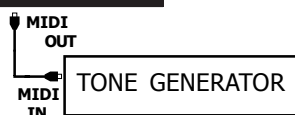

1. The MIDI In connector receives MIDI data from an external MIDI device which can then be used to control the piano.

2. The MIDI Out connector transmits MIDI data generated by the piano, the note and velocity data produced by playing the piano.

FUNCTION PIANO KEY CONTROLS

VARIOUS MIDI SETUPS
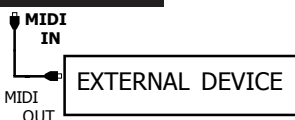
ARIUS PIANO

MIDI OUT

TONE GENERATOR

MIDI IN

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 **ARIUS** piano.

ARIUS PIANO

MIDI OUT

MIDI PIANO

MIDI IN

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

ARIUS PIANO
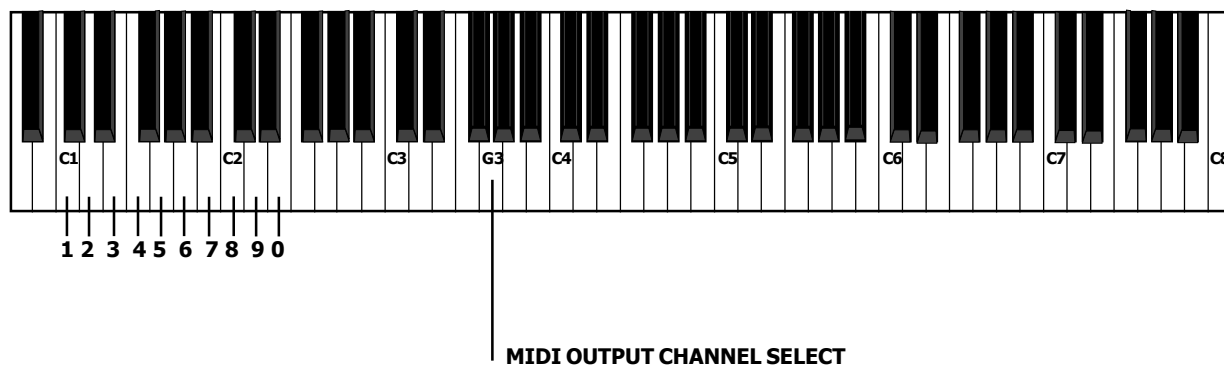
MIDI IN

EXTERNAL DEVICE

MIDI OUT

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.

ARIUS PIANO

MIDI IN   MIDI OUT

COMPUTER

MIDI IN

MIDI OUT
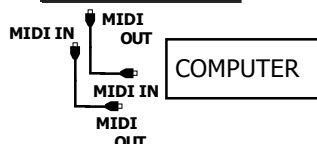
4. Connect with a Computer - Although the piano offers a built in recorder, the same type of musical information transfer that is described above can be used for more sophisticated MIDI sequence recording using an external sequencer or computer. These devices can be used to record MIDI data received 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

ARIUS
DIGITAL PIANO

FUNCTION PIANO KEY CONTROLS

1 2 3 4 5 6 7 8 9 0

C1   C2   C3   G3 C4   C5   C6   C7   C8

MIDI OUTPUT CHANNEL SELECT

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.
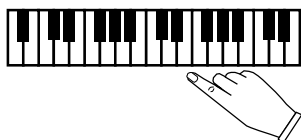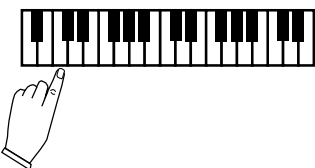
1. Put the piano into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.

REVERB/
EFFECT

F U N C T I O N

METRONOME

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 0 - 9 on the keyboard to enter the channel number to transmit on. You can directly enter it as a one or two digit number. (EX: 12, press the 1 key and the 2 key). The channel range is 0 – 15.

VOICE SELECT

4. Press the Voice Select button to return the STN-1000 to operating mode with the selected MIDI Output Channel.

Note: This function is available when Multi-timbral mode is off.

FUNCTION PIANO KEY CONTROLS

C1   C2   C3   A3 C4   C5   C6   C7   C8

1 2 3 4 5 6 7 8 9 0

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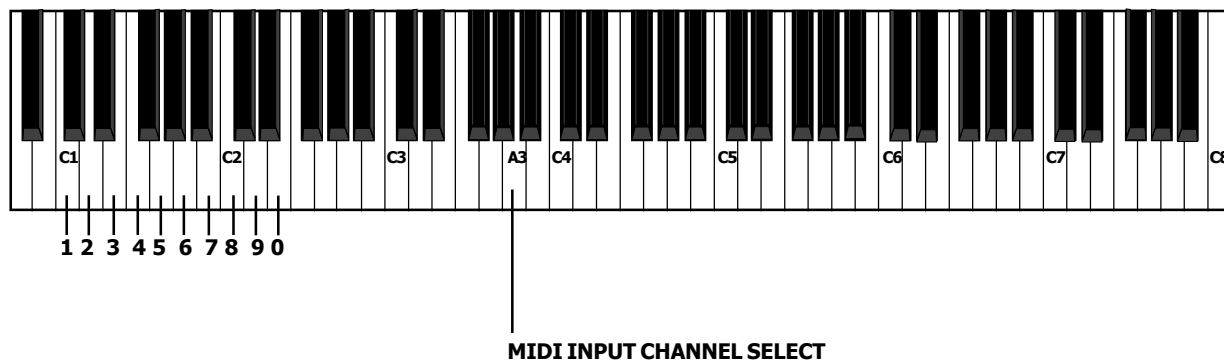
MIDI INPUT CHANNEL SELECT - This function allow you to select which MIDI channel you want to receive MIDI data on. The default setting is the OMNI mode which receives MIDI data on all channels.
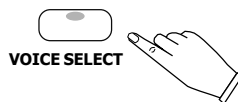

REVERB/
EFFECT

F
U
N
C
T
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N

METRONOME

1.   Put STN-1000 to 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 0 - 9 on the keyboard to enter the channel number to receive on. You can directly enter it as a one or two digit number.
(EX: 12, press the 1 key and the 2 key). The channel range is 0 – 15.


VOICE SELECT

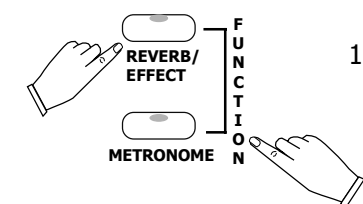4.   Press the Voice Select button to return the STN-1000 to operating mode with the selected MIDI Output Channel.

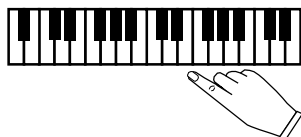**Note:** This function is available when Multi-timbral mode is off.
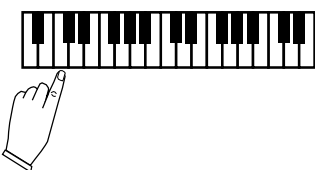
ARIUS
DIGITAL PIANO

FUNCTION PIANO KEY CONTROLS

MULTI-TIMBRAL ON / OFF

TURNING MULTI-TIMBRAL MODE ON / OFF

1. Put the HP-3 into Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
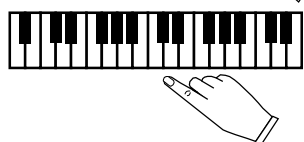
2. Press the B3 Multi-Timbral mode On / Off piano key on the keyboard to turn the function on or off. The default setting is on when the power is turned on.
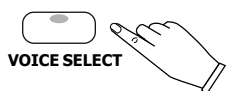
3. Press the Voice Select button to return the HP-3 piano to operating mode with the selected Multi-Timbral Mode engaged.

LOCAL MODE ON / OFF

LOCAL MODE ON / OFF

In the local off mode, the piano does not play the internal voices, however, the MIDI information is still transmitted via the MIDI Out port when notes are played on the piano. At the same time, the internal tone generator can respond to MIDI data received via the MIDI In port.
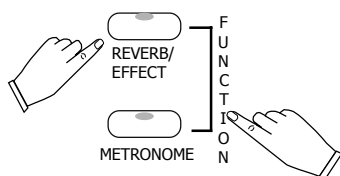
1. Put the piano into the Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.

2. Press the D4 Local mode On / Off piano key on the keyboard to turn the function on or off. The default setting is off when the power is turned on.
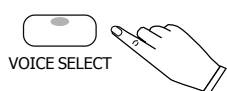
3. Press the Voice Select button to return the piano to operating mode with the selected Local Mode engaged.

FUNCTION PIANO KEY CONTROLS
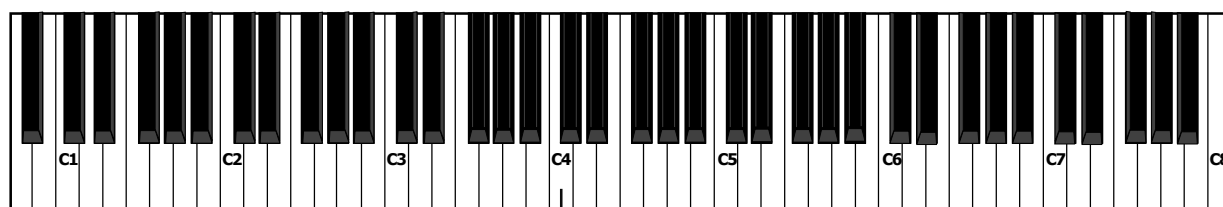
TRANSMIT MIDI PROGRAM CHANGE ON/OFF

TRANSMIT MIDI PROGRAM CHANGE - You can set the STN-1000 to transmit a Program Change Numbers via MIDI when the sound is changed on the piano.
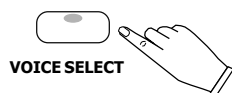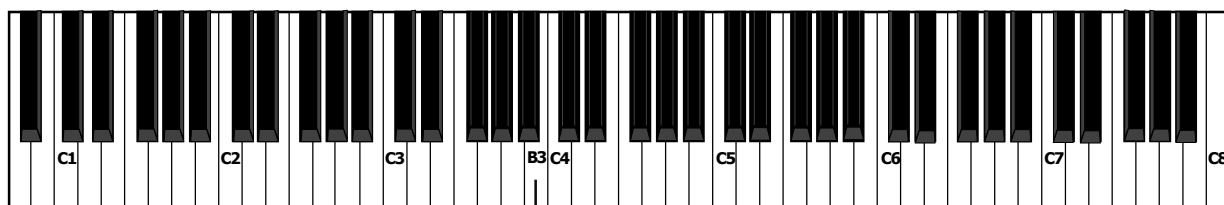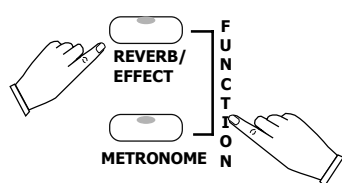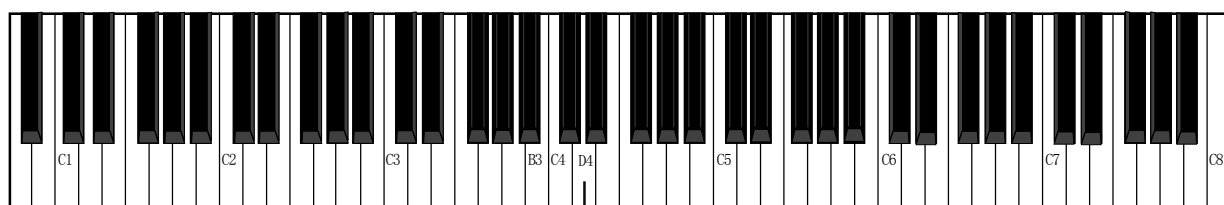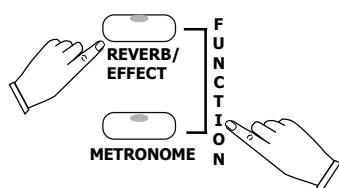
1. Put STN-1000 to Function mode by pressing the Reverb/Effect button and the Metronome button simultaneously, both of the LED's will begin to flash.
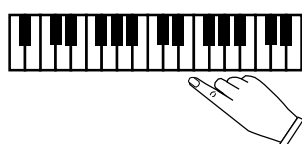
2. Press the C4 Transmit MIDI Program Change On/Off piano key on the keyboard to turn the function on or off. The default setting is off when the power is turned on.
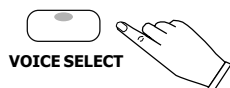
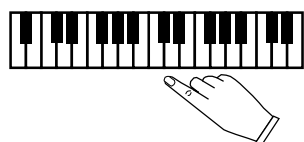3. Press the Voice Select button to return STN-1000 piano to operating mode with the selected Transmit MIDI program change mode engaged.

ARIUS
DIGITAL PIANO

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
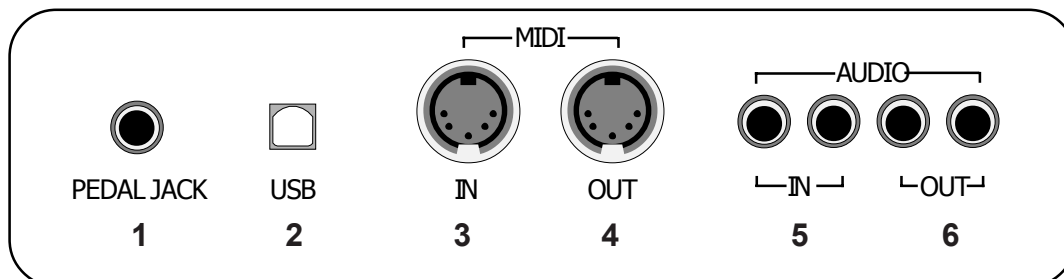
CONNECTOR JACKS - These connector jacks are located underneath the piano.

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.

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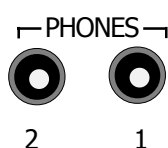
HEADPHONES - You can play in total silence, without disturbing others in the room, by plugging a set of headphones into one of the appropriate sockets located on the left side underneath the keyboard. When headphones are plugged into either of these jacks the main speaker system is turned off. Two sets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

PEDALS
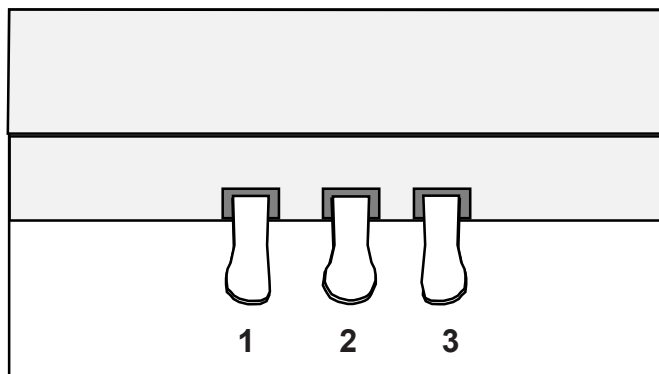
PIANO PEDALS

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 peal 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.

VOICE DESCRIPTIONS

VOICE DESCRIPTIONS - Each of the 16 instrument voice samples on this piano are described below to offer both information ideas on how to use them.

Voice #-Key	Voice Name
01 - A0	**GRAND PIANO -** This is a 6' Bosendorfer Grand Piano. The stereo sample of this world class piano was taken in Paris, France. Perfect for classical compositions as well as any other style that requires acoustic piano.
02 - B0	**PIANO 2 -** This is a 7 foot Grand Piano sampled with popular music in mind. This piano is great for Elton John and rhythmic playing. The sound is crisp and spacious. The 3D samples were taken from the position of the player at Sony studios L.A.
03 - C1	**ELEC. PIANO -** An electronic piano sound created by FM synthesis. This sound is useful for popular music as well as smooth Jazz.
04 - D1	**ELEC. RHODES PIANO -** A very natural Rhodes warm and rich with slight vibrato. Great for 70's ballads and R&B. The samples were taken from a vintage Fender Rhodes piano. The same instrument which was used on the famous pop/rock song "Dreamweaver".
05 - E1	**HARPSICHORD -** This authentic single string Italian Harpsichord is the definitive instrument for Baroque music. The 3D samples were taken from the position of the player at Sony studios L.A.
06 - F1	**VIBRAPHONE -** A wonderful instrument for Jazz and smooth Jazz. These amazing 3D samples are taken from the position of the player.
07 - G1	**MUSIC BOX (Glockenspiel) -** Great for Christmas and Mozart. The sweet and tender tone of these 3D samples will enchant your audience.
08 - A1	**CHURCH ORGAN 1 (Pipe Organ 1) -** This is a warm organ stop consisting of Principals and Flaute useful for accompaniment.
09 - B1	**CHURCH ORGAN 2 (Pipe Organ 2) -** his is a full tutti Principal stop with 16, 8, 4, and 1 1/3 pipes. This massive stop is great for Bach's "Toccatta and Fugue".
10 - C2	**HAMMOND ORGAN -** Made for Jazz solos and accompaniment. The sound has the typical Hammond key clicking and a fast Leslie effect.
11 - D2	**ROCK ORGAN -** Great for Emerson, Lake and Palmer, Rock and Pop music. The organ was run through tube distortion and a tube Leslie.
12 - E2	**STRINGS -** Velocity attack strings, good for fast string lines in pop and classical music. The 3D samples reflect the seating positions of the players in a real orchestra and also contain the typical natural vibrato of string instruments. The basses are to the right, cellos are center right, violas center and violins to the center left and left.
13 - F2	**CHOIR -** Mixed choir with an emphasis on Baritones. Spacious 3D samples great for pads and ballads.
14 - G2	**CHOIR (VOICE OOHS) -** Mixed choir. Velocity adds a "DOOO" articulation. Played softly it makes for wonderful voice pads and accompaniments. Very 3D stereo!
15 - A2	**NYLON GUITAR -** A beautifully engineered guitar sample. Great for musical styles from country and pop to classical.
16 - B2	**ACOUSTIC BASS -** Warm electric bass sound for pop and ballads. Great for Bee Bop and Blues. Walk it for Jazz!

PLAY ALONG SONG LIST

Voice# - Key	Song Title	Voice# - Key	Song Title
01 - C3	Allegro	30 - F5	Habarnera
02 - C#3	Anchors Awgh	31 - F#5	Hail to Chief
03 - D3	Annie	32 - G5	Happy Farmer
04 - D#3	Old Macdonald had a Farm	33 - G#5	Hatikvah
05 - E3	On Wisconsin	34 - A5	The Camptown Races
06 - F3	Auld Lang Syne	35 - A#5	Irish Eyes
07 - F#3	Beautiful Dreamer	36 - B5	Jingle Bells
08 - G3	I'm Called Little Buttercup	37 - C6	La Paloma 1
09 - G#3	Bach F Minor	38 - C#6	Brahm's Lullaby
10 - A3	Blue Danube	39 - D6	Scarborough Fair
11 - A#3	Alouette	40 - D#6	Mingling
12 - B3	American Patrol	41 - E6	La Paloma 2
13 - C4	Away in a Manger	42 - F6	My Country
14 - C#4	She'll be Coming Around the Mountain	43 - F#6	London Bridge
15 - D4	Marines Hymn	44 - G6	Rest Ye Merry Gentlemen
16 - D#4	Chopin	45 - G#6	Itsy-bitsy Spider
17 - E4	Chopin C	46 - A6	Silent Night
18 - F4	Danny Boy	47 - A#6	Twinkle, Twinkle Little Star
19 - F#4	Deck the Hall	48 - B6	Mary had a Little Lamb
20 - G4	Billyboy	49 - C7	Michael Row the Boat Ashore
21 - G#4	The Glowworm	50 - C#7	Nearer, My God, to Thee
22 - A4	Greensleeves	51 - D7	This Old Man
23 - A#4	I've Been Working on the Railroad	52 - D#7	Turkey in the Straw
24 - B4	First Noel	53 - E7	Whole World in His Hands
25 - C5	Frerea Jacque	54 - F7	When In Love
26 - C#5	Little Brown Jug	55 - F#7	Wild Horses
27 - D5	When Johnny Comes Marching Home	56 - G7	Yellow Rose of Texas
28 - D#5	Home on the Range	57 - G#7	My Bonnie Lies Over the Ocean
29 - E5	Home Sweet Home	58 - A7	Yankee Doodle

SPECIFICATIONS

KEYBOARD
88 Graded Hammer Action Keyboard
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
  Output Channel Select
  MIDI Input Channel Select
  MIDI Local On/Off
  Multi-Timbral On/Off
  Transmit MIDI Program Change On/Off

DEMONSTRATION SONGS
10 Demo songs

PLAY ALONG SONGS
Lesson Function with Right Hand, Left Hand or Both
Hands testing
58 Play Along Songs
Vocal Grading

CONTROLS
Power: On/Off
Master Volume Control
Play/Stop
Demo/Song
Record
Reverb/Effect
Metronome
Voice Select

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
Sostenuto
Sustain

BUILT IN REAL TIME RECORDER

SPEAKERS
4 X 2 Full dynamic range

POWER OUTPUT
15 watt +15 watt (per side)

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

FINISH
Dark Rosewood /
Dark Mahogany

DIMENSIONS
53 1/2" w 20 7/8 "d X 31" h

WEIGHT
79 lbs (including stand)

ARIUS
DIGITAL PIANO