

artesia

performer

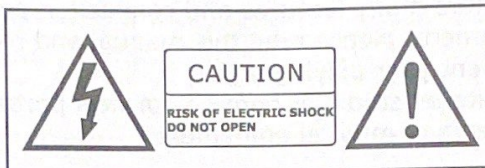


Owner's Manual

Precaution

Thank you for purchasing this digital instrument. For correct operation and safety, please read the manual carefully and keep it for future reference.

Safety Precautions



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



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

Important Safety Instructions



(Figure 1)

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings; install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over (Figure 1).
- 13) Unplug this apparatus during lightning storms or when unused for a long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

CAUTION: Apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Always make sure all batteries are inserted the correct way around to match the +/- polarity markings.

Always replace all of the batteries at the same time. Do not combine old and new batteries, also do not mix battery types, as this can cause overheating, or fire, or battery fluid leakage.

Remove the batteries from the instrument if it is not to be used for a long time.

WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Thank you for choosing Artesia!

Your portable 88 note piano not only contains leading and innovative technology but it also is developed by and for musicians of all playing levels. Featuring a natural balanced keyboard action and an advanced acousta ridge tone generation sound technology, that will provide you with a rich performing and playing experience. This Performer offers many features and connection possibilities. To get the most out of your instrument, please read this manual and try out the various functions that can compliment your playing style. Whether it is on stage, studio or home, your new portable piano is designed to give you many years of musical enjoyment.

Features Include:

- . 88 Key Natural Balanced Keybed
- . 12 Acousta Ridge Instrument Voices
- . DSP Functions for additional realism
- . USB to Host and USB Audio Connection
- . MIDI, Stereo and Mono Line Outs
- . Battery Operated (6 D Cell Batteries are not included)
- . Includes AC Adaptor, Sustain Pedal, Music Rack and more

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

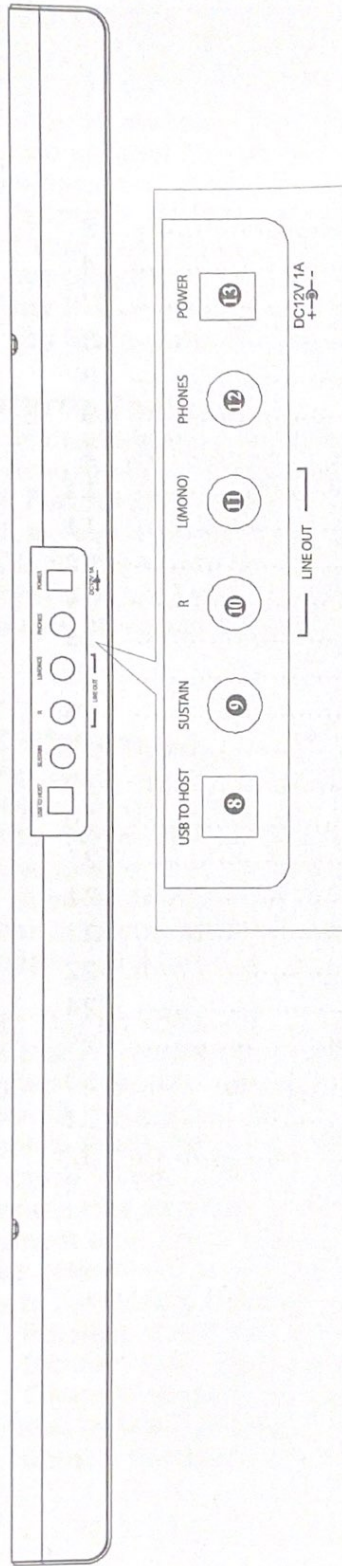
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

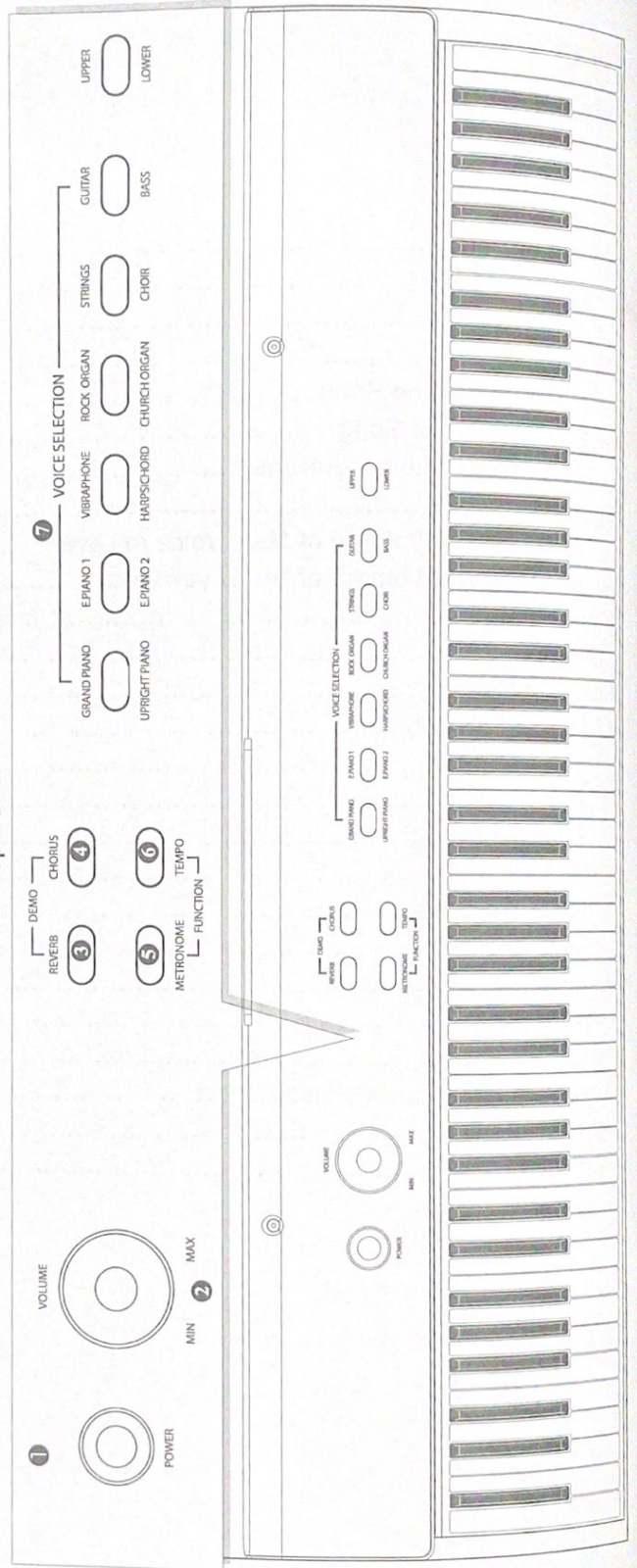
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Rear Panel



Top Panel



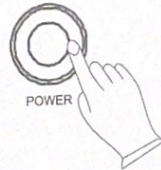
Panel Control

- 1 POWER
- 2 MASTER VOLUME
- 3 REVERB Button
- 4 CHORUS Button
- 5 METRONOME Button
- 6 TEMPO Button
- 7 VOICES Select
- 8 USB TO HOST Jack
- 9 SUSTAIN Jack
- 10 LINE OUT(R) Jack
- 11 LINE OUT(L)(MONO) Jack
- 12 PHONES Jack
- 13 POWER Jack

Getting Started

Turn on the power

Before playing turn the power on by pressing the POWER switch, the control panel LED will turn on.

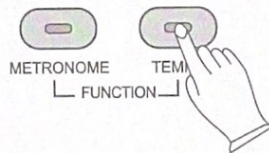


NOTE

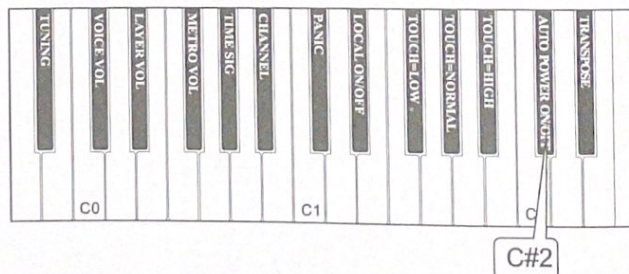
If you don't play the piano for 30 minutes then the piano will automatically turn off after 30 minutes. This energy saving function can be altered to the user's desired setting.

To Adjust the Auto Power On/Off Mode

Press the [METRONOME] and the [TEMPO] buttons together to enter the Function Mode.



Pressing the C#2 piano key allows the user to switch the Auto Power On or Off. While holding down the C#2 piano key, press down the C3 Key once for Auto Power On or press down twice for Auto Power Mode to be Off.



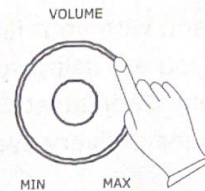
Press the [METRONOME] and the [TEMPO] buttons together again to exit the Function Mode.

NOTE

The factory default mode is for the Auto Power to be in the On Mode.

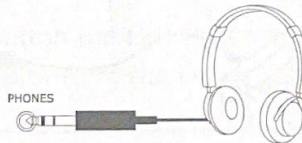
Set the Volume

Initially set the [VOLUME] about half way between the "MIN" and "MAX" settings. Then adjust the volume to accommodate your desired performance playing volume.



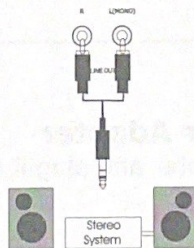
Using Headphones

Headphones can be plugged into the PHONES jack for private practice or late-night playing. The internal speaker system is automatically turned off when a pair of headphones is plugged into PHONES jacks.



Using External Sound System

The Line Out jack(R) and Line Out jack(L)(MONO) can be used to deliver the output of the piano to a keyboard amplifier, powered monitor speakers, stereo sound system, mixing console, recording devices etc..



Using USB-MIDI

This piano allows the transfer of MIDI over USB. There is a specific way in which the MIDI signals are routed for maximum flexibility.

This piano is a USB TO HOST digital piano, so the keyboard not only sends MIDI signals to the internal sound bank (just like normal) but also sends MIDI signals simultaneously to the internal MIDI connection of the USB device you are connecting to. Additionally it also connected to play audio files through the internal amplifier of the Performer Piano, giving the user endless connectivity options.



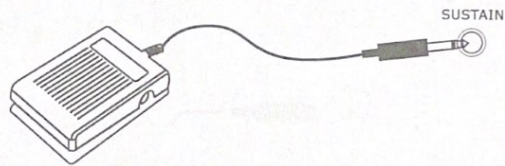
USB TO HOST

USB Audio

As mentioned the Performer Piano offers USB Audio. This means that you can plug in via a USB Cable to your Laptop, Tablet, iPad, and SmartPhone and be able to hear you device's audio through the pianos speaker system. This is very useful for example when you are recording your piano with your laptop and want to listen back through the pianos speakers. Or if you are using some of the instrument voices from an APP like Garage Band from your iPad/Tablet/Smartphone. This way you can hear it through the piano's sound delivery system instead of just your devices speakers or headphones.

Sustain Pedal

The Sustain pedal included with your digital piano, when engaged will cause piano key sounds to decay slowly as if they were being held down. A piano-style pedal may optionally be used. The jack will auto-detect the polarity of the sustain pedal.



NOTE

Make sure the piano is turned off before connecting the Sustain pedal. To change polarity, hold the foot pedal down during power up.

Using the Included Power Adapter

Please use only the provided adapter and plug it into the DC Power Jack on the back of the piano.

Using Battery Power

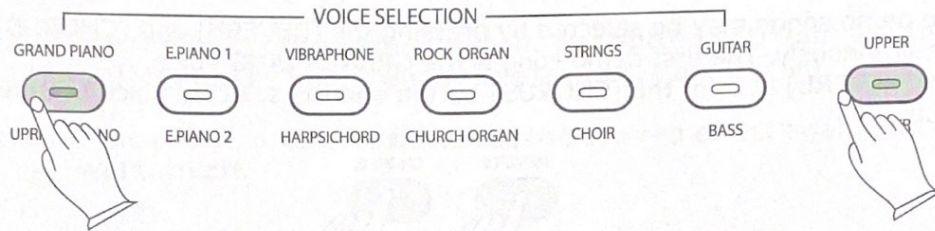
Always make sure all batteries are inserted the correct way to match the +/- polarity markings.

Always replace all of the batteries at the same time. Also do not mix battery types, as this can cause overheating, or fire, or battery fluid leakage.

Remove the batteries from the instrument if it is not to be used for a long time.

Selecting a Voice

The piano has 12 built-in instrument voices, which include several piano voices as well as other instruments. These digitally-sampled musical instrument sounds may be selected one at a time or they can be layered to produce two voices at once. To select an instrument voice (Main voice), press the appropriate Voice Select button .



NOTE

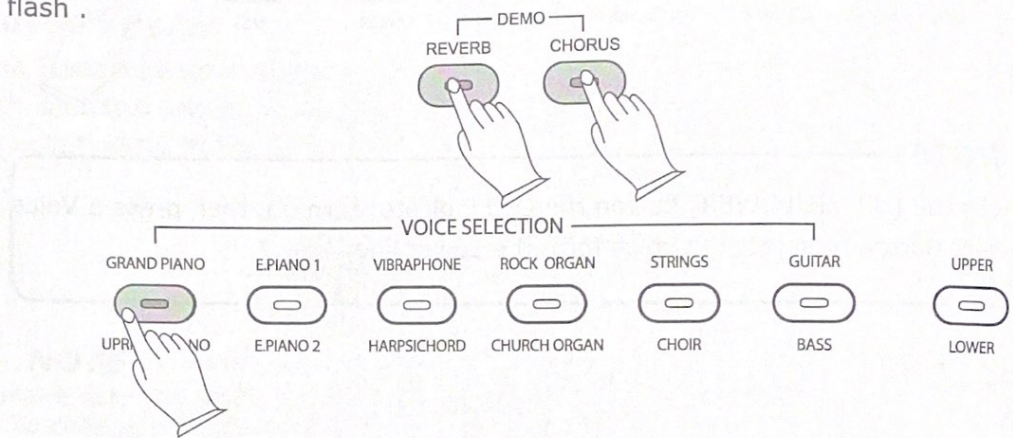
Press the [UPPER/LOWER] button the LED indicator turn on, then press a Voice Select Button to select the voice form the Lower line.

Demo Songs

There are 12 demo songs in the piano. Each demo song will demonstrate a different instrument voice. Here's how you can select and play the demo songs.

Select the Demo Song

The demo songs may be selected by pressing the [REVERB] and [CHORUS] buttons simultaneously. The first demo song is the GRAND PIANO voice. The [REVERB] button, the [CHORUS] button and the selected voice buttons will flash.

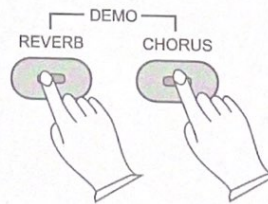


During playback, another demo song may be chosen by pressing a different Voice Select Button. When the [UPPER/LOWER] button is engaged then press voice buttons to select a demo song in the Lower instrument Voice Line.

Stop the Demo Song

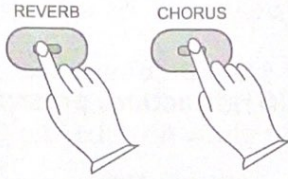
To stop the demo song. Press the [REVERB] button and the [CHORUS] button simultaneously again.

To replay the current song from the beginning, press the flashing voice select button.



Reverb and Chorus Buttons

The Reverb and Chorus effects may be manually engaged for each instrument voice.

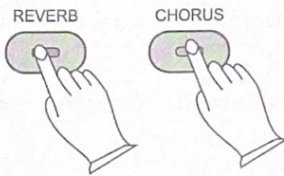


To apply either effect, press either button. The button LED light will turn on and the effect will be heard when the piano keys are played.

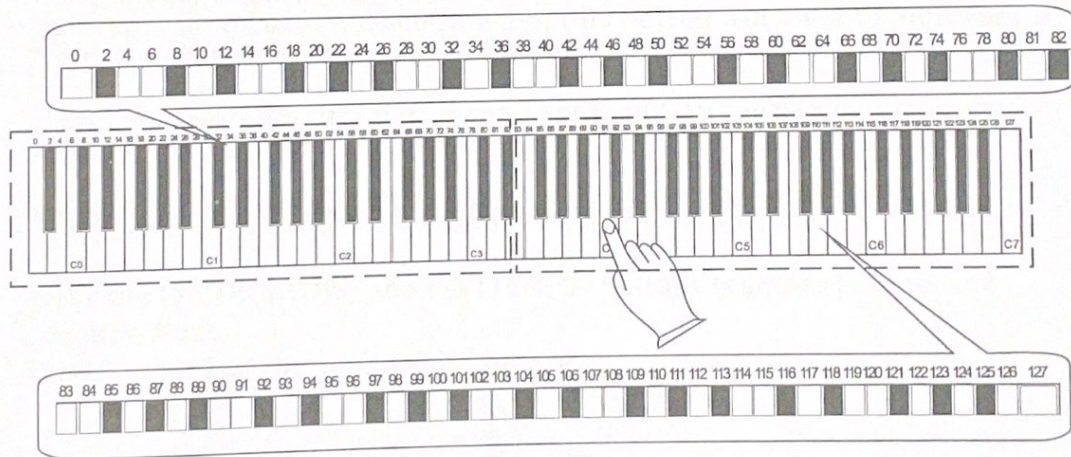
To turn off the effect, press the button of the desired effect again and the LED light will turn off.

Select the depth of the effects

1. Press and hold the effect button.



2. While this function is active the LED will blink. You can then release the button and press the key corresponding to the setting you want for the reverb depth. It's possible to change the setting by pressing a different piano key until the right Reverb depth is heard.

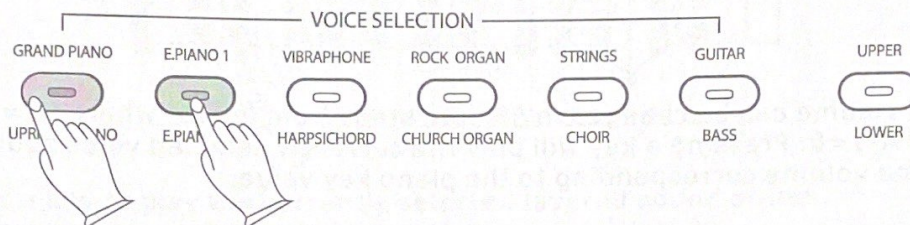


3. Set the reverb depth by pressing the correct piano key on the keyboard. See the Appendix for the value ranges and key(P26).
4. Play the keyboard to hear the new Reverb Depth with your sound selected.
5. To exit the [REVERB]([CHORUS]) function, press the [REVERB] ([CHORUS]) button again.

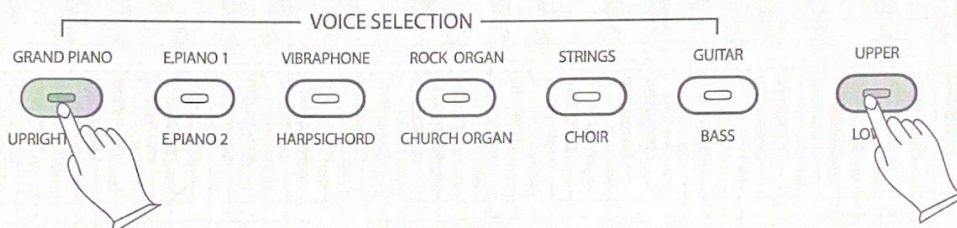
Layer Mode

In Layer mode two voices may be played simultaneously.

To enter Layer mode, press and hold the Voice button to select the main sound and then press the Voice button for Layered sound. Both the buttons LED will turn on while layered.



To turn Layer Mode off, select a single Voice button and the other Voice will be turned off.



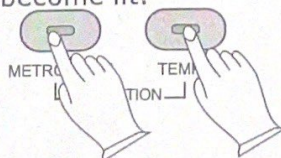
To layer two sounds in different banks, press and hold simultaneously the voice button required in the upper first bank and the Upper/Lower button. The Up/Low button LED will flash and the first voice button will be lit. Once the bank button is flashing you can remove your hands from the buttons. Next, select the layered button from the second bank by pressing the corresponding button. Once selected this button will blink to indicate its corresponding button bank while the instrument from the first bank stays lit.

If two voices in the first and second bank, but on the same button are selected, the buttons should merely blink.

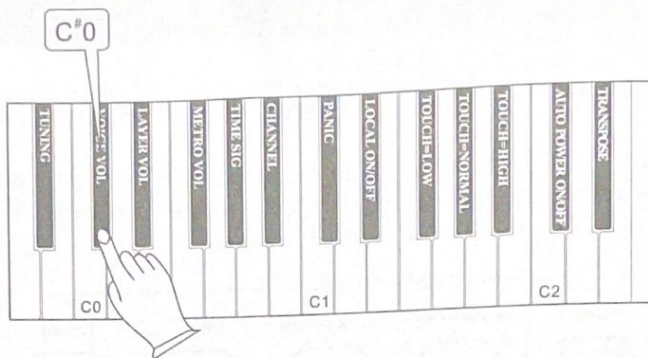
To Adjust the Volume of Main Voice in the Layer Mode

Press the [METRONOME] and the [TEMPO] buttons together to enter the Function Mode,

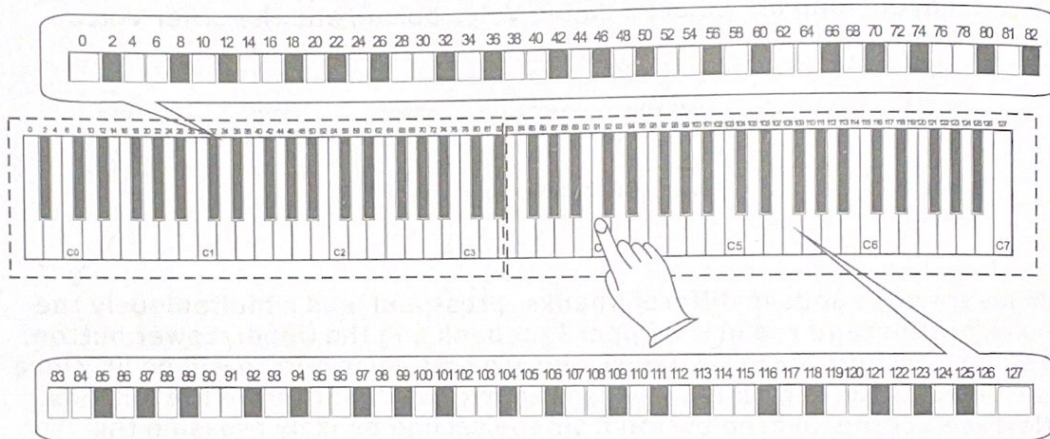
The LEDs for both buttons will become lit.



Pressing C#0 activates the voice volume menu.



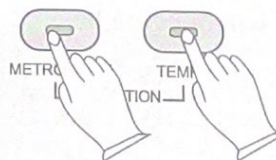
The volume can be changed in 88 note steps from 0-127 where C7=127 and A-1=0. Pressing a key will play the currently selected voice sound at the volume corresponding to the piano key value.



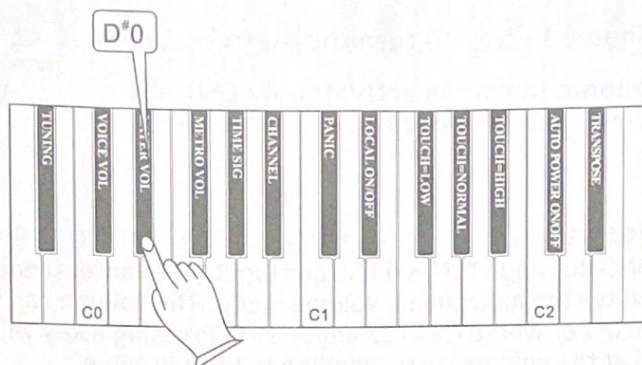
To exit the Voice Volume function, press the [METRONOME] and [TEMPO] buttons at the same time again.

To Adjust the Volume of the Layer Voice

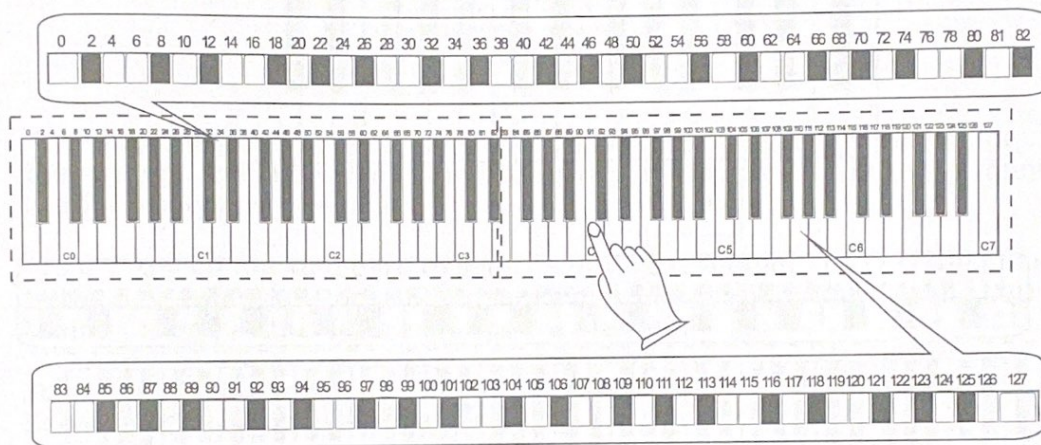
Press the [METRONOME] button and the [TEMPO] button to enter the Function Mode.



Press the (D#0) key as the activates the voice volume menu. The volume can be changed in 88 note steps from 0-127 where C7=127 and A-1=0.



Press a key to play the currently selected layered sound at the volume corresponding to the key value.

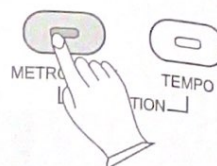


Press the [METRONOME] and the [TEMPO] again to exit the Function mode.

Metronome

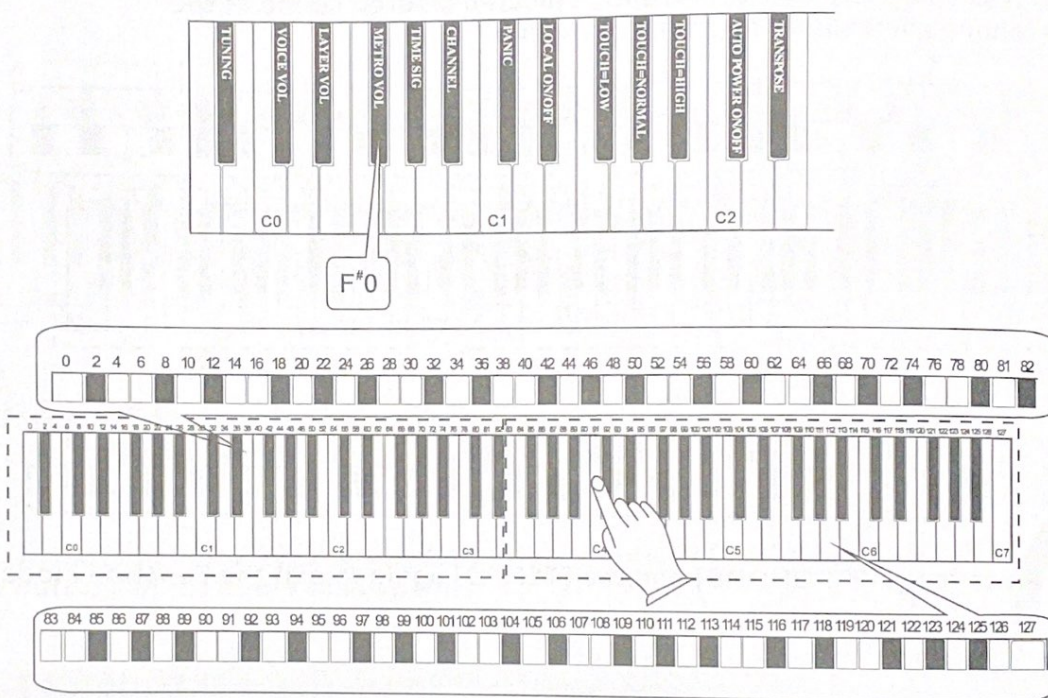
Press the metronome button to turn the metronome on.

When the Metronome button is activated its LED will turn on and you will hear the click.



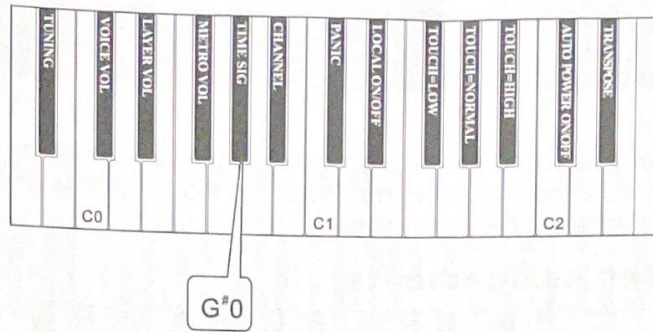
Metronome Volume

Press the [METRONOME] and [TEMPO] buttons together to enter the Function mode. Pressing F#0 activates the metronome volume menu. The volume can be changed in 88 note steps from 0-127 where C7=127 and A-1=0. Pressing a key will play the metronome sound at the volume corresponding to the key value.



Changing the Time Signature

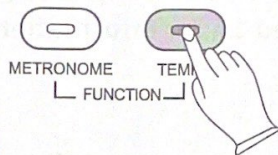
Pressing the [METRONOME] and the [TEMPO] buttons allows the user to change the time signature for the metronome. When this menu is selected the metronome starts playing at the current tempo setting. Pressing G#0 toggles through the time signature options starting with the current setting. Default is 4/4 and the following options are available to toggle through: 2/4, 3/4, 4/4, 5/4, 6/8, 9/8, 12/8.



Press the [METRONOME] and the [TEMPO] buttons again to exit the Function Mode.

Tempo

The tempo of the metronome can range from 20 to 280 beats per minute (BPM).

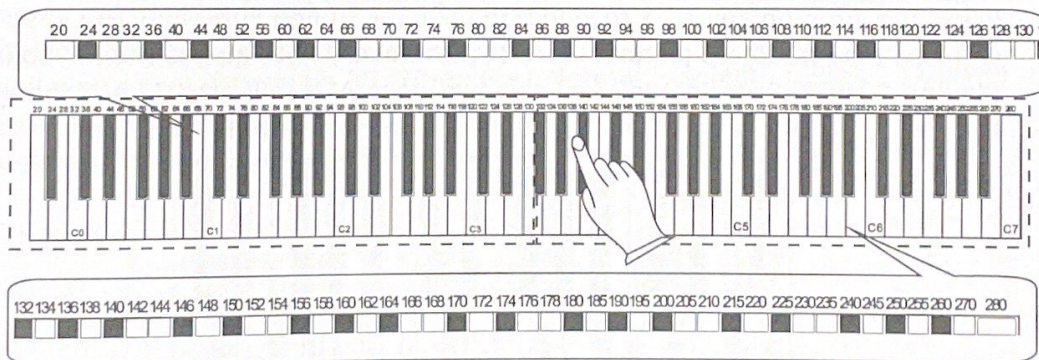


To change the tempo, press and hold the button for 3 seconds to change the setting. The LED will blink to the current tempo speed. If the Metronome is off, no sound will be heard.

Press a key on the keyboard to select a different Tempo. The LED will blink to the new value. It is possible to make multiple changes and see the LED tempo change as the different keys are pressed.

To exit, press the tempo button. The LED will stop blinking and not light. See Appendix for the value ranges.

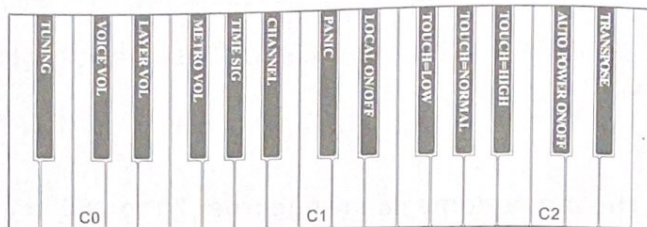
Tempo defaults to 120 but settings are retained when the power is turned off. For example 120BPM is the C3 piano key.



Function Mode

In the Function Mode the keys on the keyboard are used for selecting the Function to be edited. To enter the Function Mode, press the Metronome and Tempo buttons at the same time.

Function Key Assignments



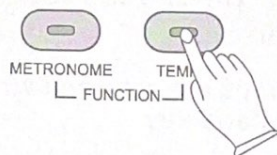
Please refer to pages 11 and 14 for information about editing the Metronome and Layer functions.

Master Tuning

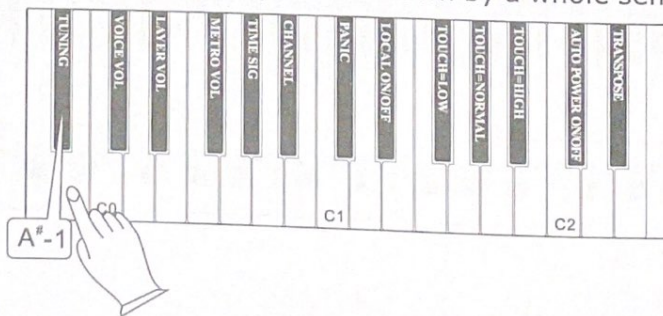
The piano is tuned to A440 when the power is turned on and does not require tuning. However, if desired, the tuning may be adjusted in small increments from -50 to +50 cents (one semitone).

To change the Master Tuning:

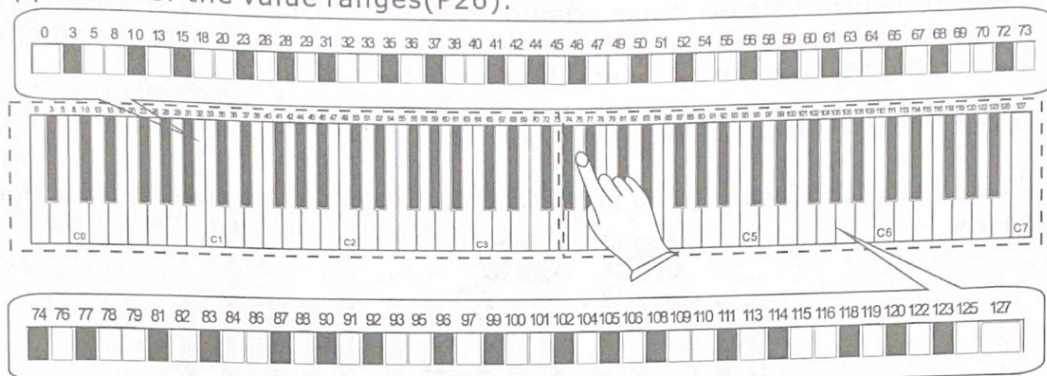
Press the [METRONOME] and [TEMPO] button together to enter the Function Mode.



Press the Tuning key A[#]-1 to select the Master Tuning Function. The keyboard will now play middle C piano 1 voice (C3) on every note across the keyboard. Playing C3=C3. Pressing any key downwards to A[#]-1 will play C3 but change the tuning setting proportionately to tune down by a whole semi tone.



Pressing any key from C3 and up will play the c3 note but at tuning settings proportionately so that its possible tune up by a whole semi tone. The user will use his ears to determine the correct tuning setting. See the Appendix for the value ranges (P26).



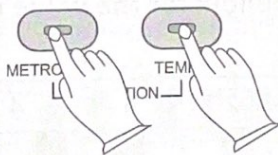
Press the [METRONOME] and the [TEMPO] buttons again to exit Edit Mode.

Touch

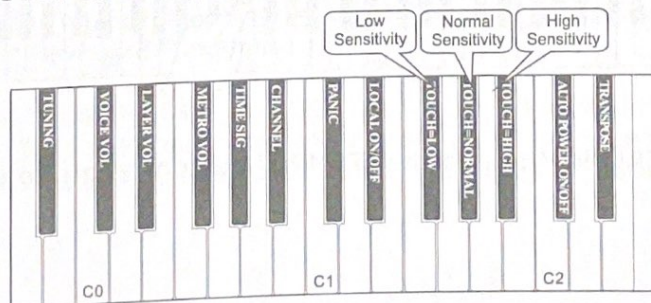
The Touch Sensitivity Select function allows the choice of 3 keyboard sensitivity settings for different playing styles: Low Sensitivity, Normal Sensitivity and High Sensitivity. This affects the volume of the piano as you play the keys.

To Set the Keyboard Sensitivity

Press the [METRONOME] and the [TEMPO] buttons together to enter the Function Mode.



Press the desired Touch Select key (F#1, G#1, A#1) to select between Low, Normal and High Sensitivity settings. When selecting F#1 low, Piano 1 C3 will play at velocity value 30. When G#1 Normal is selected, Piano 1 C3 will play at velocity value 70. When A#1 High is selected, Piano 1 C3 will play at velocity value 127 and the piano will exit the Function Mode automatically.

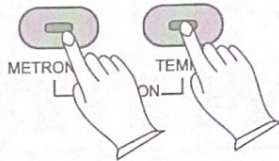


Transpose

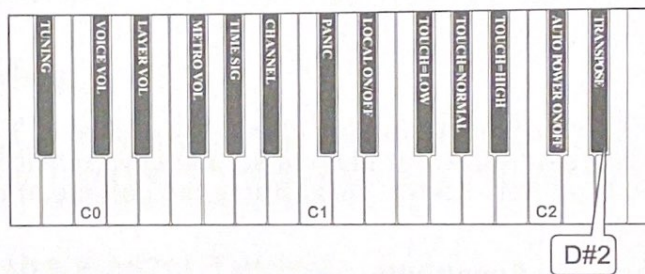
The Transpose function can shift the pitch of the keyboard up or down in semi-tone intervals up to a maximum of 24 semi-tones. The Transpose value range can be adjusted one octave lower to -12, one octave and one octave higher to 12, with a default value of 0.

To change the Transpose Value:

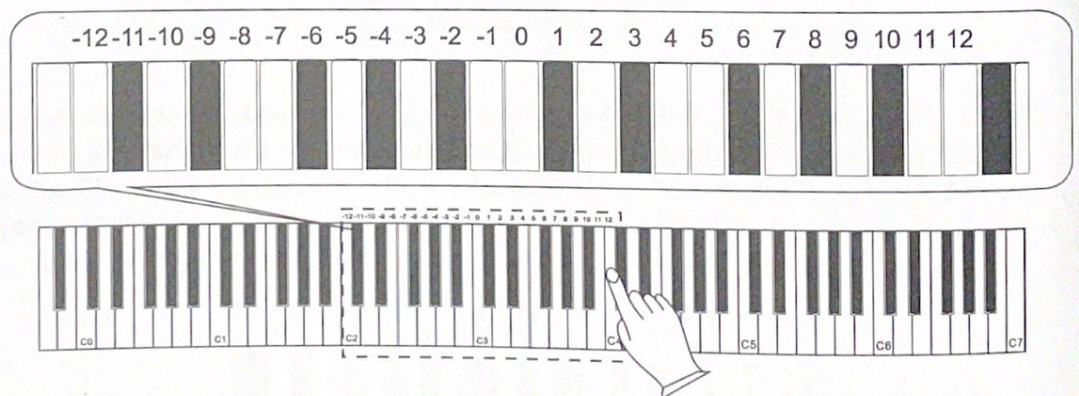
Press the [METRONOME] and [TEMPO] button together to enter the Function Mode.



Press the Transpose key D#2 to select the Transpose Function.



Set the transpose value by pressing a key on the keyboard from C2~C4 to select the value. See the Appendix for the value ranges (P26). Default: C3.



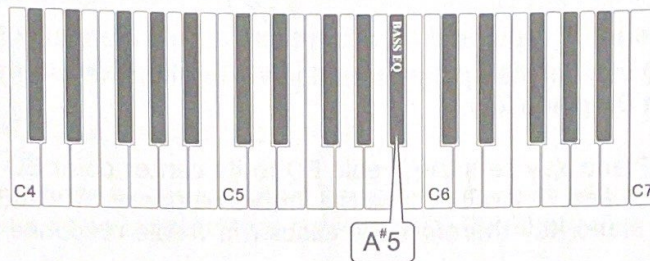
Press the [METRONOME] and the [TEMPO] buttons again to exit the Function Mode.

EQ Adjustment

To change the sound of your piano's amplifier you can adjust the EQ to add more Bass or to remove some of the Treble.

To Change the Bass Response

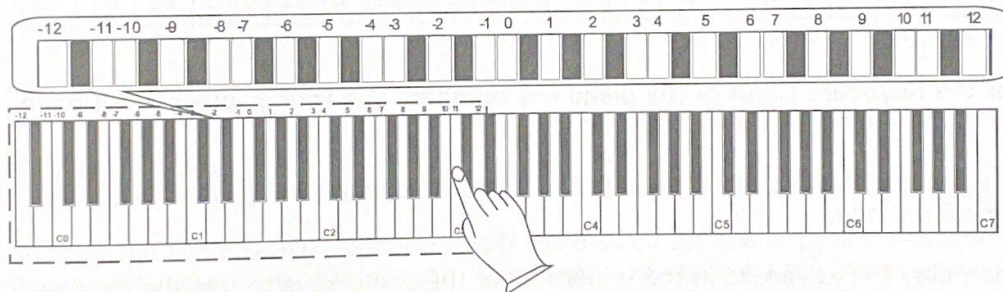
1. Press the [METRONOME] and [TEMPO] Buttons together to enter the Function Edit mode.
2. Press the A#5 piano key activates the Bass EQ Function



The Bass EQ can be changed by pressing white piano keys only from the A-1 piano key to D3 piano key.

Pressing the F1 Piano Key sets the Bass EQ to its center point EQ Setting.
Pressing the A-1 Piano Key will reduce the Bass response by 12dB.
Pressing the D3 Piano Key therefore increases the Bass response by 12 dB.

For Example to set the Bass EQ setting to 10 dB you would press the B2 white piano key.
To set the BASS EQ to -8 dB you would press the E0 piano key.



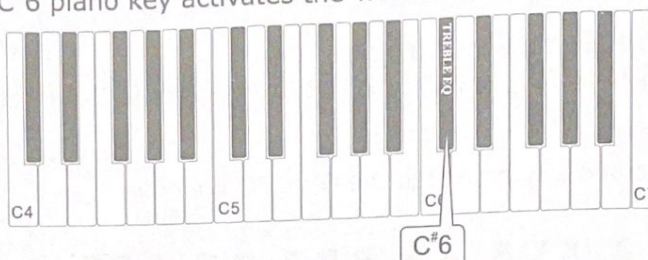
For the Keyboard Chart of the piano key numbers and listings please visit page 26 of the Advanced Keyboard Functions.

3. Press the [METRONOME] and [TEMPO] Buttons together again to exit the Function Mode. Then play the lower half of the piano to hear the bass response increase for the changes that you have made in the Bass EQ settings.

To change the Treble Response

1. Press the [METRONOME] and [TEMPO] Buttons together to enter the Function Edit Mode.

2. Press the C#6 piano key activates the Treble EQ Function.



3. The Treble EQ can be changed by pressing white piano keys only from the A-1 piano key to D3 piano key.

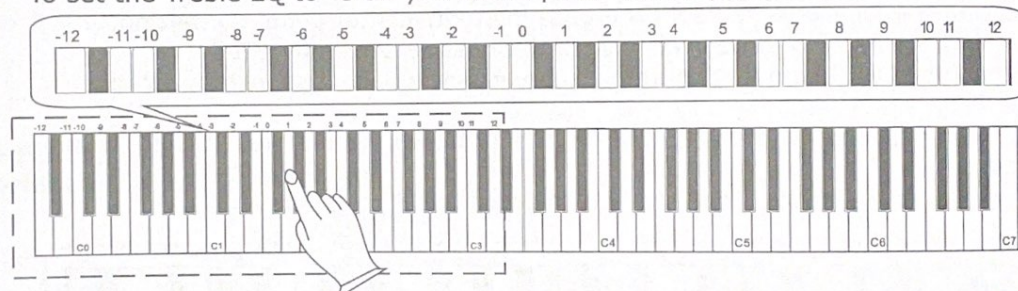
Pressing the F1 Piano Key sets the Treble EQ to its center point EQ Setting.

Pressing the A-1 Piano Key will reduce the Treble response by 12dB.

Pressing the D3 Piano Key therefore increases the Treble response by 12 dB.

For Example to set the Treble EQ setting to 10 dB you would press the B2 white piano key.

To set the Treble EQ to -8 dB you would press the E0 piano key.



For the Keyboard Chart of the piano key numbers and listings please visit page 26 of the Advanced Keyboard Functions.

4. Press the [METRONOME] and [TEMPO] Buttons together again to exit the Function mode.

Then play the keyboard in the upper half of the piano keys to test the changes that you made in the TREBLE EQ Setting.

NOTE

Bass and Treble EQ settings will be stored in the pianos memory and the latest setting will be used when the piano is powered up again.

To set the piano to its Default Settings press and hold the [REVERB] and [CHORUS] buttons while turning the piano's power switch on.

MIDI Functions

MIDI Channels

MIDI Out channel values range from 1 to 16.

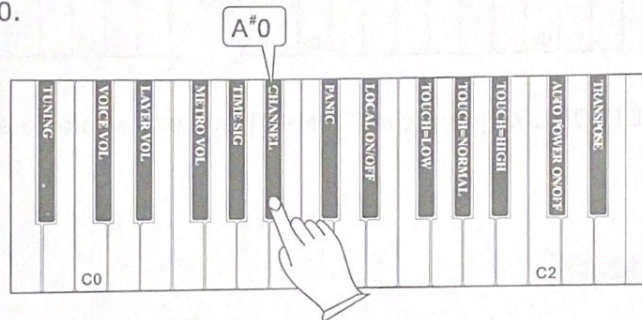
To change the MIDI Out Channel Value: While in the Function Mode press the A#0 key the amount of times that correspond to the MIDI Out Channel that you desire.

The MIDI Out Channel Value is identified by the amount of times that the C3 Piano Note is sounded.

The default MIDI Out channel is 1.

For example: When you press A#0 piano key one time in edit mode, you will hear one note C3 sound to indicate that current MIDI Out channel is 1.

If you press The A#0 piano key 9 times in a row while still in the Edit Mode you will hear the C3 Note being played back 10 times to denote that the new MIDI Out channel is 10.



Local On/Off

Turning the Local On/Off function to Off will disconnect the keyboard from the internal sound engine of this piano. This means you can use the piano as a MIDI controller to control other MIDI devices (or virtual instrument software running on

MIDI Functions

MIDI Channels

MIDI Out channel values range from 1 to 16.

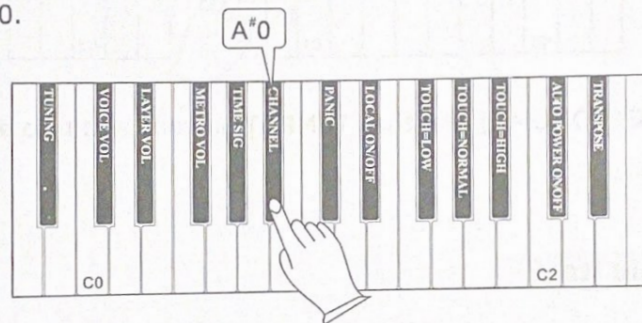
To change the MIDI Out Channel Value: While in the Function Mode press the A#0 key the amount of times that correspond to the MIDI Out Channel that you desire.

The MIDI Out Channel Value is identified by the amount of times that the C3 Piano Note is sounded.

The default MIDI Out channel is 1.

For example: When you press A#0 piano key one time in edit mode, you will hear one note C3 sound to indicate that current MIDI Out channel is 1.

If you press The A#0 piano key 9 times in a row while still in the Edit Mode you will hear the C3 Note being played back 10 times to denote that the new MIDI Out channel is 10.

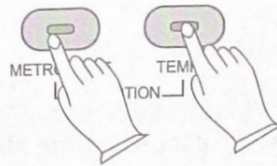


Local On/Off

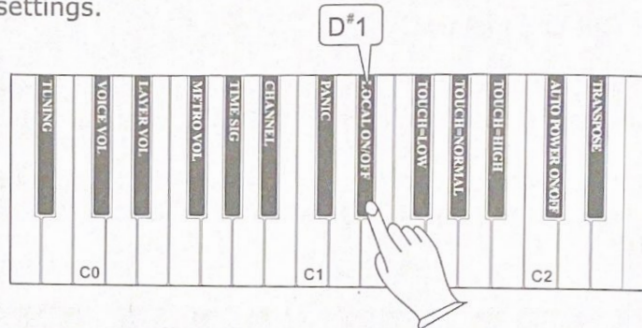
Turning the Local On/Off function to Off will disconnect the keyboard from the internal sound engine of this piano. This means you can use the piano as a MIDI controller to control other MIDI devices (or virtual instrument software running on

your computer) without playing the internal sounds of this piano. You may also find other occasions (such as when you are using MIDI sequencing software on your computer) where it is useful to turn the Local MIDI function to off.

Press the [METRONOME] and the [TEMPO] Buttons together to enter the Function mode.



Press the Local On/Off key (D#1) to switch local on or off. When the D#1 key is first pressed the current setting is confirmed by playing the C3 piano key once for on and twice for off. If you press the D#1 key again you will need to re-enter your desired settings.



Press the [METRONOME] and the [TEMPO] Buttons again to exit the Function mode.

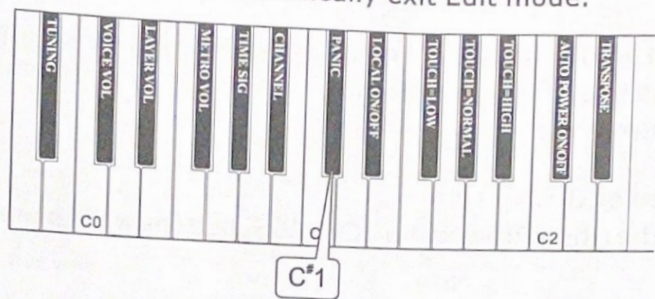
MIDI Panic Key

Pressing the Panic key will send out a “Reset All Controllers” and “All Notes Off” MIDI Message on ALL MIDI Channels 1 - 16. This can be especially useful for clearing “stuck notes” when controlling external MIDI devices or software.

To use the Panic key to send out a “Reset All Controllers” and “All Notes Off” MIDI Message on ALL MIDI Channels 1 - 16:

Press the [METRONOME] and [TEMPO] button together to enter Edit Mode.

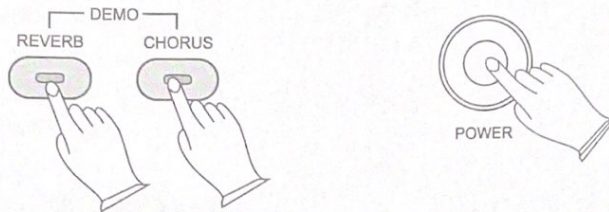
Press the Panic Key (C#1) allows the user to activate Panic, which send out general MIDI reset messages such as all note off, etc. Once Panic reset has been completed, Piano will automatically exit Edit mode.



Factory Reset

Performing a Factory Reset will clear all battery backed memory and restore all functions to their factory defaults, just like they were when you used this piano for the first time.

1. Turn the Power Off.
2. Hold down the [REVERB] and the [CHORUS] buttons while powering on the piano.



All LEDs on the device will light while these buttons are held down. Once this has happened, you can release the [REVERB] and [CHORUS] buttons.

When the [REVERB] and the [CHORUS] buttons are released, this piano will return to Performance Mode (ready-to-play). All button LEDs will return to their default states.

This piano will then function normally and as if powered on for the first time.

Appendix

MIDI Implementation Chart

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	*Up to 3 channels simultaneously
	Changed	1-16	1-16	
Mode	Default	Mode 3	Mode 3	
	Messages Altered	Yes *****	No No	
Note Number	True voice	0~127 *****	0~127	
Velocity Note	Note ON	Yes	Yes	
	Note OFF	Yes	Yes	
After Touch	Key's	No	No	
	Channels	No	No	
Pitch Bend		No	No	
		0-127	0,1,5,6,7,10,11, 32,64,65,66,67, 80,81,91,93,100, 101,121	
Control Change				
Program Change	True #	0-127 *****	0-11	12
System Exclusive		Yes*	Yes*	*The controller will recognize and respond to GM Device inquiries. Master Tune supported. Master Volume supported.
System Common	Song Position Pointer	No	No	
	Song Select	No	No	
	Tune Request	No	No	
System Real Time	Clock	No	No	
	Commands	No	No	
Aux Messages	All Sounds Off*	Yes	Yes	* The controller will respond to GM, but not piano voices.
	Reset All Controllers	Yes	Yes	
	Local ON/OFF*	Yes	Yes	
	ALL Notes OFF	Yes	Yes	
	Active Sensing	No	Yes	
System Reset	No	Yes		
Notes				

MIDI Channel Modes

	POLY OFF	MONO ON
OMNI ON	Mode1	Mode3
OMNI OFF	Mode2	Mode4

Parameter adjusting instructions

According to chart shown below, choose corresponding key to set the desired values.

	Tuning	Voice Vol	Layer Vol	Metro. Vol	Reverb Vol	Chorus Vol	Tempo	Treble EQ	Bass EQ	Trans.
A-1	-100	0	0	0	0	0	20	-12	-12	×
A#-1	-95	2	2	2	2	2	24	×	×	×
B-1	-92	4	4	4	4	4	28	-11	-11	×
B0	-87	6	6	6	6	6	32	-10	-10	×
C0	-84	8	8	8	8	8	36	×	×	×
C#0	-81	10	10	10	10	10	40	-9	-9	×
D0	-78	12	12	12	12	12	44	×	×	×
D#0	-75	14	14	14	14	14	48	-8	-8	×
E0	-72	16	16	16	16	16	52	-7	-7	×
F0	-69	18	18	18	18	18	56	×	×	×
F#0	-66	20	20	20	20	20	60	-6	-6	×
G0	-63	22	22	22	22	22	64	×	×	×
A0	-60	24	24	24	24	24	66	-5	-5	×
A#0	-57	26	26	26	26	26	68	×	×	×
B0	-54	28	28	28	28	28	70	-4	-4	×
C1	-51	30	30	30	30	30	72	-3	-3	×
C#1	-48	32	32	32	32	32	74	×	×	×
D1	-45	34	34	34	34	34	76	-2	-2	×
D#1	-42	36	36	36	36	36	78	×	×	×
E1	-39	38	38	38	38	38	80	-1	-1	×
F1	-36	40	40	40	40	40	82	0	0	×
F#1	-33	42	42	42	42	42	84	×	×	×
G1	-30	44	44	44	44	44	86	1	1	×
G#1	-27	46	46	46	46	46	88	×	×	×

	Tuning	Voice Vol	Layer Vol	Metro. Vol	Reverb Vol	Chorus Vol	Tempo	Treble EQ	Bass EQ	Trans.
A1	-24	48	48	48	48	48	90	2	2	×
A#1	-21	50	50	50	50	50	92	×	×	×
B1	-18	52	52	52	52	52	94	3	3	×
B2	-15	54	54	54	54	54	96	4	4	-12
C2	-12	56	56	56	56	56	98	×	×	-11
C#2	-10	58	58	58	58	58	100	5	5	-10
D2	-9	60	60	60	60	60	102	×	×	-9
D#2	-8	62	62	62	62	62	104	6	6	-8
E2	-7	64	64	64	64	64	106	7	7	-7
F2	-6	66	66	66	66	66	108	×	×	-6
F#2	-5	68	68	68	68	68	110	8	8	-5
G2	-4	70	70	70	70	70	112	×	×	-4
G#2	-3	72	72	72	72	72	114	9	9	-3
A2	-2	74	74	74	74	74	116	×	×	-2
A#2	-1	76	76	76	76	76	118	10	10	-1
B2	0	78	78	78	78	78	120	11	11	0
B3	1	80	80	80	80	80	122	×	×	1
C3	2	81	81	81	81	81	124	12	12	2
C#3	3	82	82	82	82	82	126	×	×	3
D3	4	83	83	83	83	83	128	×	×	4
D#3	5	84	84	84	84	84	130	×	×	5
E3	6	85	85	85	85	85	132	×	×	6
F3	7	86	86	86	86	86	134	×	×	7
F#3	8	87	87	87	87	87	136	×	×	8
G3	9	88	88	88	88	88	138	×	×	9
G#3	10	89	89	89	89	89	140	×	×	10
A3	11	90	90	90	90	90	142	×	×	11
A#3	12	91	91	91	91	91	144	×	×	12
B3										
C4										

	Tuning	Voice Vol	Layer Vol	Metro. Vol	Reverb Vol	Chorus Vol	Tempo	Treble EQ	Bass EQ	Trans.
C#4	13	92	92	92	92	92	146	×	×	×
D4	14	93	93	93	93	93	148	×	×	×
D#4	15	94	94	94	94	94	150	×	×	×
E4	16	95	95	95	95	95	152	×	×	×
F4	17	96	96	96	96	96	154	×	×	×
F#4	18	97	97	97	97	97	156	×	×	×
G4	19	98	98	98	98	98	158	×	×	×
G#4	20	99	99	99	99	99	160	×	×	×
A4	21	100	100	100	100	100	162	×	×	×
A#4	24	101	101	101	101	101	164	×	×	×
B4	27	102	102	102	102	102	166	×	×	×
C5	30	103	103	103	103	103	168	×	×	×
C#5	33	104	104	104	104	104	170	×	×	×
D5	36	105	105	105	105	105	172	×	×	×
D#5	39	106	106	106	106	106	174	×	×	×
E5	42	107	107	107	107	107	176	×	×	×
F5	45	108	108	108	108	108	178	×	×	×
F#5	48	109	109	109	109	109	180	×	×	×
G5	51	110	110	110	110	110	185	×	×	×
G#5	54	111	111	111	111	111	190	×	×	×
A5	57	112	112	112	112	112	195	×	×	×
A#5	60	113	113	113	113	113	200	×	×	×
B5	63	114	114	114	114	114	205	×	×	×
C6	66	115	115	115	115	115	210	×	×	×
C#6	69	116	116	116	116	116	215	×	×	×
D6	72	117	117	117	117	117	220	×	×	×
D#6	75	118	118	118	118	118	225	×	×	×
E6	78	119	119	119	119	119	230	×	×	×

	Tuning	Voice Vol	Layer Vol	Metro. Vol	Reverb Vol	Chorus Vol	Tempo	Treble EQ	Bass EQ	Trans.
F6	81	120	120	120	120	120	235	×	×	×
F#6	84	121	121	121	121	121	240	×	×	×
G6	87	122	122	122	122	122	245	×	×	×
G#6	90	123	123	123	123	123	250	×	×	×
A6	93	124	124	124	124	124	255	×	×	×
A#6	96	125	125	125	125	125	260	×	×	×
B6	99	126	126	126	126	126	270	×	×	×
C7	100	127	127	127	127	127	280	×	×	×

Note:

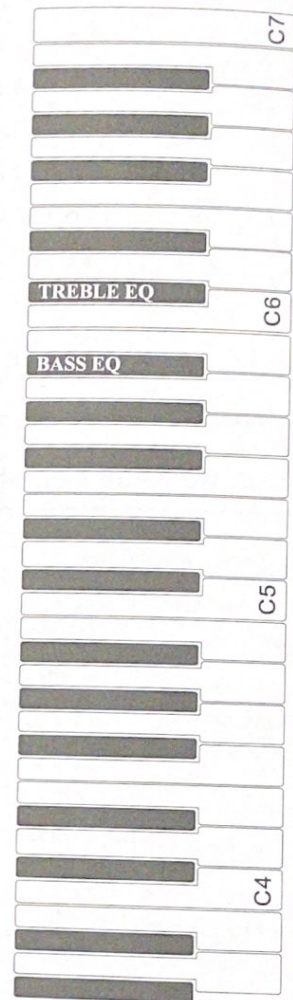
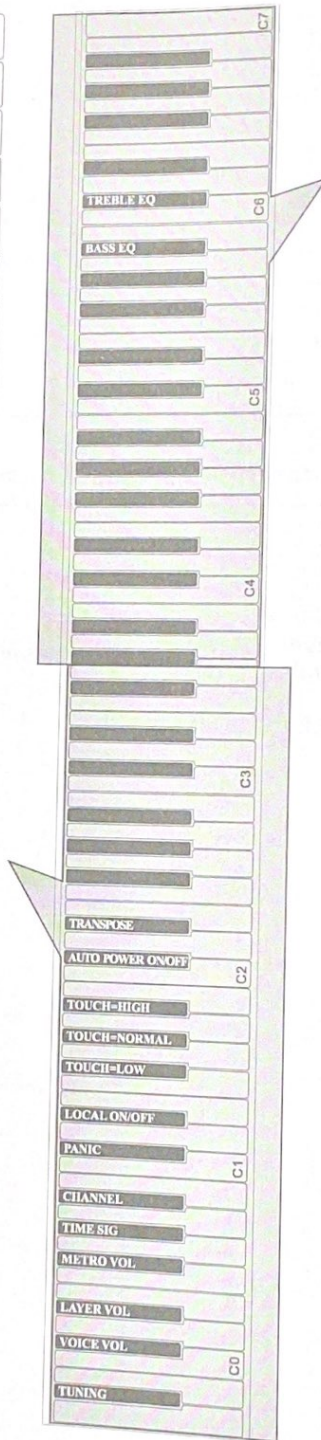
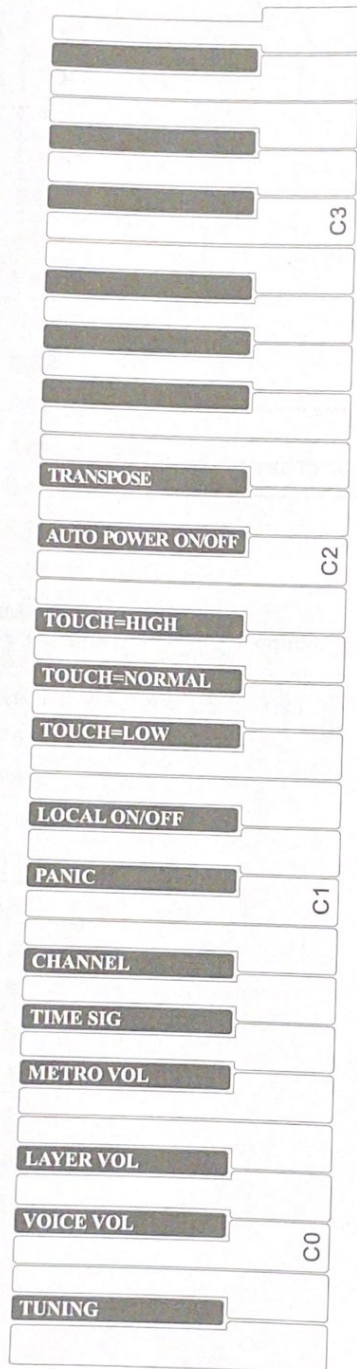
X: No value available for this particular Edit Function on this key.

Resetting Value:

	Tune	Voice Vol	Layer Vol	Metro. Vol	Local	Channel	Tempo	Voice Select	Trans.	Auto Power Off
Factory Default	0	110	100	100	ON	1	120	1 (Grand Piano)	0	OFF

	Treble EQ	Bass EQ
Factory Default	5	3

Advanced Functions Keyboard Chart



Specifications

Keyboard:	88 velocity-sensitive keys
Voice:	12
Polyphony:	32
Voice Control:	Layer, Layer level, Keyboard sensitivity, Tuning, Transpose
Metronome:	On/Off, Level, Time signature
Pedal Response:	Sustain
Effect:	Reverb, Chorus, Bass EQ, Treble EQ
Demo Songs:	12
MIDI & Audio:	Channels 1-16, Local On/Off; USB Audio
Connectors:	USB To Host, Pedal, Line Out L/R, Phones, DC Power
Speakers:	YDT713 10W/8ohm x 2 YD66 10W/8ohm x 2
Dimensions(W x D x H):	50 x 10.6X7.1 inches, 1270mm x 270mm x 180 mm
Weight:	9Kg
Supplied Accessories:	Owner's Manual, Music Rest

10506386-V5.0

Warranty

This product, except the exterior cosmetic parts, is warranted 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, Artesia Pro Inc will pay the labor charges to repair the defective product. After this one year period, you must pay all labor charges.
2. In addition, Artesia Pro Inc 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 should contact Artesia Pro Inc, the parent company of Artesia Pianos, at **888-998-9848**. Artesia Pro Inc will then repair the product or return it to the VMI distribution center for repairs. Upon completion of the repair, the unit will be returned to the music store, freight prepaid.

This warranty will not apply to this product if it has been misused, abused, or altered. Without limiting the foregoing, bending, dropping of unit, or visible cracks and/or scratches are presumed to be defects resulting from misuse or abuse.

This warranty is void if the product has been opened.

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.

Outside the US contact the original retailer where the product was purchased for additional warranty details.