

Artesia

A-20



Owner's Manual

Virgin Musical Instruments

Precaution

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



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

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

WARNING: 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 in conformity with the +/- polarity markings.

Always replace all batteries at the same time. Do not use new batteries together with old ones. Also, do not mix battery types, because this can cause overheating, fire, or battery fluid leakage.

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

Thank you for choosing the Artesia A-20

We would like to express our appreciation and congratulate you for purchasing this Artesia Contemporary Digital Piano. This piano has been designed to, with proper care, provide you with years of musical enjoyment.

Artesia's advanced state of the art electronics are combined with an elegant cabinet that adds beauty and sophistication to any home environment.

This piano is feature packed and can also be used to integrate with your laptop, Tablet (iPad) or Smartphones for a whole host of musical and entertainment options. Listed below are just a few of the features that your new piano is equipped with:

- Artesia's acclaimed stereo 3D sound imaging
- Full Array of Instrument Voices Including a Stereo Grand Piano
- Acoustic instrument voices offering unmatched realism
- Digital effects to further enhance the instrument voices
- Elegant home furniture cabinet that fits any home decor
- Natural Balance Hammer Action Keyboard for Authentic Acoustic Piano Touch and Feel. Teacher Recommended!
- Sustain, Soft and Sostenuto pedals
- Built-in Track Recorder to save you practice and performances
- Grading and 55 built in play-along songs
- Interface to Your Laptop, Tablet or Smartphone with On-Board MIDI and USB ports
- Never Needs Tuning
- Headphones to Practice in Private
- Metronome feature with variable tempo to facilitate practice
- Reverb and Chorus Effects
- Classical Half Sustain
- Programmable Auto Power Off

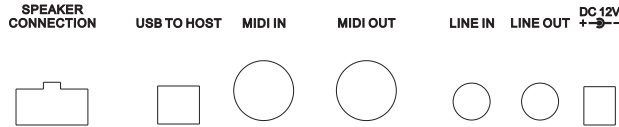


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CONNECTOR PANEL

The connector jacks are located on the bottom panel of the piano.



1. Speaker Connection

Connection for the Speaker cable with square interface on the bottom panel of the piano.

2. USB Midi/USB Audio

USB MIDI: This product allows the transfer of MIDI information over USB to a computer. As complicated this might sound, it's actually pretty straight forward. Because your A-20 is USB Class Compliant, there is no need to install a driver to enable it to work with computer running OSX, Windows XP, Vista or Windows 7. Simply just plug it in and the OS will do the rest. The A-20 will work with all standard MIDI based computer software.

USB Audio interface is a digital audio interface. By USB cable, you can digitally transfer intact audio signals of PC to this instrument, and enjoy it on this instrument or use it for accompany when you play this instrument; likewise, you can transfer intact audio signals of the instrument to PC to record and edit music.

3. Midi In/Midi Out

The Piano provides MIDI IN and MIDI OUT ports. MIDI jacks allow communication with other products equipped with MIDI interfaces.

4. Line In/Line Out

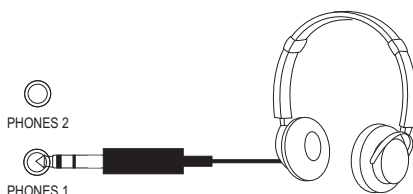
The audio output from other sound system connected to the LINE IN jack on the bottom panel can be mixed with the sound of the unit. This function is convenient when you want to play along with a favourite song. The Line out jack can be used to deliver the output of the piano to a keyboard amplifier, stereo sound system, mixing console or tape recorder.

5. DC 12V Input

Connection for the included DC power adapter. Please use the provided adapter only.

6. Phones 1/Phones 2

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



7. Pedal

Connect the plug of the foot pedal unit to the pedal jack on the bottom panel.

Damper Pedal (Right): It performs the same function as the damper pedal on an actual acoustic piano, letting you sustain the sound of the voices even after releasing your fingers from the keys.

Sostenuto Pedal (Center): If you play a note or chord on the keyboard and press the sostenuto pedal while the notes are held, those notes will be sustained as long as the pedal is held, but all subsequently played notes will not be sustained.

Soft Pedal (Left): The Soft Pedal controls the sound volume. Press the pedal to decrease the output sound volume.

8. Bluetooth

This piano can support Bluetooth with the Connection of the Bluetooth jack. Reference: Bluetooth.



NOTE

Please insert Bluetooth adapter before power is off in unit.

PANEL CONTROLS



1. Power/Standby

Turn the power on by pressing the [POWER/STANDBY] switch, the panel LCD display will light.



Auto Standby

This product will switch off automatically in 30 minutes after no any operation on it. In this case, press the [POWER/STANDBY] button to turn the power switch on.

Deactivate the Auto Standby function

Hold the first white key and first black key on the left side of the keyboard at the same time and then turn on the unit to deactivate the Auto Standby function.

2. Adjust The Volume

Use [VOLUME] control to adjust the volume to your desired level.

3. Adjust The Sound

Use [TONE] control to adjust the volume to your desired level.

4. Demo Play

There are 14 demo songs pre-recorded in the piano.

A demo song may be selected for playing by either of two methods:

a. Use [+ / YES] / [- / NO] Buttons: Press [DEMO] button, Use [+ / YES] / [- / NO] buttons to select the song you want to play. The [DEMO] and voice buttons will flash .



b. Voice Select Button: Press the [DEMO] button, then press the desired Voice Select button. The [DEMO] and voice buttons will flash.



NOTE

The Main voice will synchronous change when demo changes.

Press [DEMO] button again to stop playing.

5. LCD Display

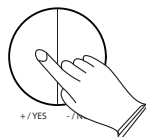
The LCD will display the appropriate status, function, value, voice or the current mode of operation.

6. [SETUP] Button

The [SETUP] button transfers the piano to Edit mode, enabling the modification of the parameters of many features such as touch sensitivity, splits, layers and MIDI control, among others.

7. [+ / YES] & [- / NO]

Parameter adjusting button.

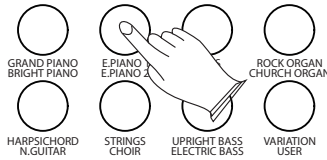


VOICE & FUNCTION

1. Voice

Selecting A Voice

Your instrument has 14 built-in voices, which include several pianos as well as other instruments. These digitally-sampled musical instrument sounds may be selected one at a time.



To select a voice, press the appropriate Voice Select button on the right side of the front panel.

NOTE

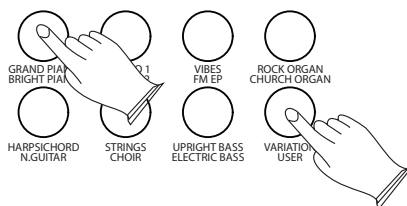
When [VARIATION/USER] button is unlighted, you can press the appropriate button to select the voice in the first line.

When [VARIATION/USER] button is lighted, you can press the appropriate button to select the voice in the second line.

Setting A Voice

Your instrument has 128(01-128) GM standard voices. Press [VARIATION/USER] button 2 seconds, the user indicator is flashing.

In USER voice Mode, Hold down the appropriate voice select button for 2 seconds, then the [VARIATION/USER] and voice button is flashing, use [+ / YES] / [- / NO] buttons to set the voice you want to set into the direct user voice.



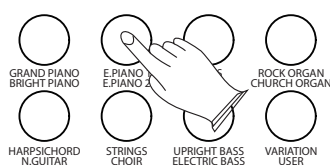
Save User Voice

In user mode, press the appropriate voice select button again to save user voice.

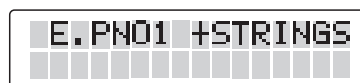
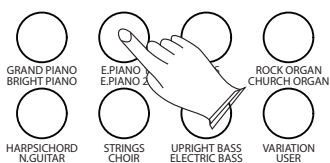
Press [VARIATION/USER] button again to exit.

2. Layer Mode

In Layer mode two voices may be played simultaneously, each at selected volumes. To enter Layer mode by either of one methods: press [LAYER] button and the indicator is flashing, then press the voice button to select the second voice.



When [LAYER] button is lit, press the voice button to select the MAIN sound.



To adjust the volume of the Main voice and layer voice, please refer to [SETUP] function, see page 16.

Press [LAYER] button again to exit.

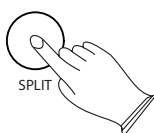
3. Split Mode

Split Mode allows the keyboard to be divided into two sections so that different voices may be played with the left and right hands.

The volume may be independently adjusted for each voice, the Split Point (the highest note played with the left hand) may be adjusted and the Split Voice may be changed as desired.

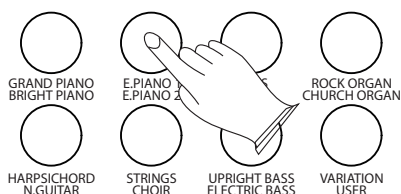
Enter Split Mode

Press the [SPLIT] button. The indicator is flashing. The Split (left hand) voice will be Bass and the Split Point will be G2.



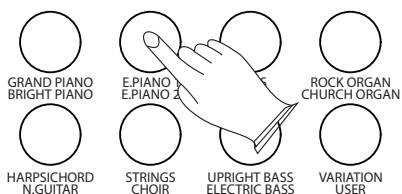
Change the Split (left hand) voice

Change the Split (left hand) voice by either of one methods:
Press [SPLIT] button, the Split indicator is flashing, then press the voice select button to select the left hand voice.



Change the Main (right hand) voice

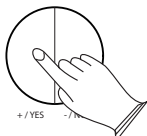
When the Split indicator is lighted, then press the voice select button to select the Main voice.



ELECTRIC PIANO1
ELECTRIC PIANO2

Change the Split Point

Press the [SPLIT] button, the indicator will momentarily display off, then hold down the [SPLIT] button and press the appropriate piano key or use [+ / YES] / [- / NO] buttons to change the Split Point.



GRAND PIANO
SPLITPOINT:85

Or press [SETUP] button to change it, see page 17.

Setting the Split Voice Volume

Please refer to [SETUP] function, see page 16.

Exit the Split Mode

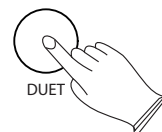
Press [SPLIT] again, the Split indicator turns off and the Split mode is no longer active.

4. Duet

Press the [DUET] button to select DUET mode. In this mode, the keyboard will be separated into two playing areas.

Right: from C#3 to C7

Left: from A-1 to C3



This will be very helpful when the instrument is used by two players at the same time and they will be able to play the same piano sound in the same octave.

Press [DUET] button again to exit the DUET mode.

5. Reverb

The [REVERB] button selects a number of digital reverb effects that you can use for extra depth and expressive power. Press [REVERB] button to turn off or turn on the reverb effect. When REVERB is turned on, press [REVERB] button 2 seconds, use [+ / YES] / [- / NO] button to select reverb level.

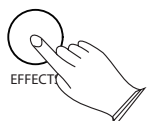


Or press [SETUP] button to select reverb type and level. Please see page 13 and 14.

6. Effects

Shimmering, broadening effect. Press [EFFECTS] button to turn off or turn on the CHORUS effect.

When [EFFECTS] is turned on, press [EFFECTS] button 2 seconds, use [+ / YES] / [- / NO] button to select CHORUS level.



Or press [SETUP] button to select chorus type and level. Please see page 13 and 14.

7. Metronome

Metronome is a convenient feature for practice, and it can also provide a solid rhythmic guide when recording.

Press [METRONOME] button to turn on or off the Metronome effect. When Metronome is turned on, hold [METRONOME] button for 2 seconds, use [+ / YES] / [- / NO] buttons to change the Metronome volume (00-127) .



Or press [SETUP] button to select Metronome type and volume. Please see page 15.

8. Tempo

This function allows you to change the tempo.

Press [TEMPO] button to turn on the TEMPO effect.

Press [TEMPO] button, use [+ / YES] / [- / NO] buttons to change the tempo value; range from 20 to 280 BPM (beats per minute).



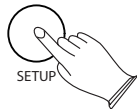
SETUP

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select the function . Press [+ /YES] button into the option, use [+ /YES] / [-/NO] to set the parameter.

The option and the parameters are as the follows:

1. Reverb Type

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [R.TYPE?]. Press [+ /YES] into the option, the LCD will display: R.TYPE: ROOM3



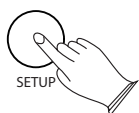
Then use [+ /YES] / [-/NO] to set the parameter (Default: ROOM3). The LCD will indicate these parameters as shown below:

R.TYPE: ROOM1
R.TYPE: ROOM2
R.TYPE: ROOM3
R.TYPE: STAGE1
R.TYPE: STAGE2
R.TYPE: PLATE
R.TYPE: HALL1
R.TYPE: HALL2

Press [+ /YES] & [-/NO] buttons simultaneously to restore the default value.

2. Effects Type

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [C.TYPE?]. Press [+ /YES] into the option, the LCD will display: C.TYPE: CHORUS3



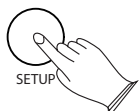
Then use [+ / YES] / [- / NO] to set the parameter (Default: CHORUS3). The LCD will indicate these parameters as shown below:

C.TYPE: CHORUS1
C.TYPE: CHORUS2
C.TYPE: CHORUS3
C.TYPE: CHORUS4
C.TYPE: FEEDBACK
C.TYPE: FLANGER
C.TYPE: SHTDELAY
C.TYPE: SHRTDLFB

Press [+ / YES] & [- / NO] buttons simultaneously to restore the default value.

3. Reverb Level

Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [R.LEVEL?]. Press [+ / YES] into the option, the LCD will display: R.LEVEL: 32.

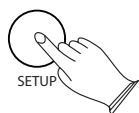


Then use [+ / YES] / [- / NO] button to adjust the REVERB level. Range: 00-127 (Default: 32).

Press [+ / YES] & [- / NO] buttons simultaneously to restore the default value.

4. Effects Level

Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [C.LEVEL?]. Press [+ / YES] button into the option, the LCD will Display: C.LEVEL: 50



Then use [+ / YES] / [- / NO] button to adjust the CHORUS level.
Range: 00-127 (Default: 50).

Press [+ / YES] & [- / NO] buttons simultaneously to restore the default value.

5. Metro Type

Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [METROTYPE?]. Press [+ / YES] button into the option, the LCD will display: METROTYPE: 4/4.

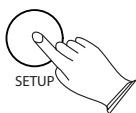


Then use [+ / YES] / [- / NO] button to set the parameter: 2/2、1/4、2/4、3/4、4/4、5/4、6/4、3/8、6/8、7/8、9/8、12/8 (Default: 4/4).

Press [+ / YES] & [- / NO] buttons simultaneously to restore the default value.

6. Metro Volume

Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [METROVOL?]. Press [+ / YES] button into the option, the LCD will display: METROVOL: 100.

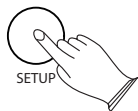


Then use [+ / YES] / [- / NO] button to adjust the METROVOL
Range: 00-127 (Default: 100).

Press [+ / YES] & [- / NO] buttons simultaneously to restore the default value.

7. Main Volume

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [MAINVOL?]. Press [+ /YES] button into the option, the LCD will display: MAINVOL: 100.

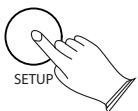


Then use [+ /YES] / [- /NO] buttons to adjust the MAINVOL Range: 00-127 (Default: 100).

Press [+ /YES] & [- /NO] buttons simultaneously to restore the default value.

8. Split Volume

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [SPLITVOL?]. Press [+ /YES] button into the option, the LCD will display: SPLITVOL: 80.

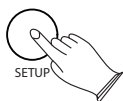


Then use [+ /YES] / [- /NO] buttons to adjust the SPLITVOL Range: 00-127 (Default: 80).

Press [+ /YES] & [- /NO] buttons simultaneously to restore the default value.

9. Layer Volume

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [LAYERVOL?]. Press [+ /YES] button into the option, the LCD will display: LAYERVOL: 50.



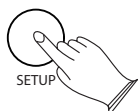
Then use [+ /YES] / [- /NO] button to adjust the LAYERVOL Range: 00-127 (Default: 50).

Press [+ /YES] & [- /NO] buttons simultaneously to restore the default value.

10. USB PLAY Volume

When playing back recorded songs on the USB Disk you can adjust the volume to play along with.

Press [SETUP] button, use [-/NO] or [SETUP] button to select [USBDISKVOL?]. Then use [+ /YES] button into the option, then use [+ /YES] / [-/NO] buttons to adjust the USB Disk Song's Volume. Range: 00-127, Default: 127.

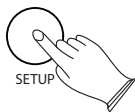


11. USB Thumb Drive Playback Tempo Adjustment

This function allows you to select the play back speed for USB on the piano.

Press [SETUP] button, use [-/NO] or [SETUP] button to select [USBSPEED?]. Then use [+ /YES] button into the option, then use [+ /YES] / [-/NO] buttons to adjust the USB Play Speed.

You can select a speed of 50 to 200%, with a default value of 100.



12. USB Mute Track

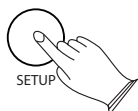
Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [MUTETRACK?]. Press [+ /YES] button into the option, the LCD will display: MUTETRACK01?



Then press [SETUP] button to adjust MUTETRACK(Range:01?~16?), Press [+ /YES] button into the option, use [+ /YES] / [-/NO] button to select on or off.

13. Split Point

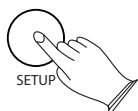
Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [SPLITPOINT?]. Press [+ /YES] button into the option, the LCD will display: SPLITPOINT: 35



Then use [+ /YES] / [-/NO] button to adjust the SPLITPOINT Range: 01-88 .

14. Touch

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [TOUCH?]. Press [+ /YES] button into the option, the LCD will display: TOUCH: NORMAL.



Then use [+ /YES] / [- /NO] button to set the parameter as shown below:

HARD
NORMAL
SOFT
FIX?

If you choose TOUCH: FIX?, Press [SETUP] button to enter the option, then use [+ /YES] / [- /NO] button to set the parameter: 00~127 (Default: 100).

15. Transpose

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [TRANPOSE?]. Press [+ /YES] button into the option, the LCD will display: TRANPOSE: -0-.

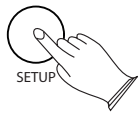


Then use [+ /YES] / [- /NO] button to adjust the TRANPOSE Range: -12 ~ +12 (Default: 0).

Press [+ /YES] & [- /NO] buttons simultaneously to restore the default value.

16. Master Tune

Press [SETUP] button to enter the function menu. Use [SETUP] button and [- /NO] button to select [MASTERTUNE?]. Press [+ /YES] button into the option, the LCD will display: MASTERTUNE: -0-.

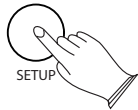


Then use [+ / YES] / [- / NO] button to adjust the MASTERTUNE Range: -64 ~ +63 (Default: 0).

Press [+ / YES] & [- / NO] buttons simultaneously to restore the default value.

17. Loadmem

Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [LOADMEM?]. Press [+ / YES] button into the option, the LCD will display: LOADMEM: 1?. Then press [SETUP] button to adjust the LOADMEM Range: 1?~8? . Use [+ / YES] button to confirm, the LCD will display: LOADMEM: 1DONE.



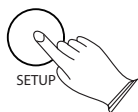
The LOADMEM mode will indicate these parameters as shown below:

Mainstone	Splitstone
Layertone	Tempo
Tune	Touch
Splitpoint	Mainvol
Splitvol	Layervol
Reverb	Reverb level
Chorus	Chorus level
Transpose	Metrovol
Usertone 1-8	Keyboardstatus
User On/Off	

18. Savemem

Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [SAVEMEM?]. Press [+ / YES] button into the option, the LCD will display: SAVEMEM: 1?. Then press [SETUP] button to adjust the SAVEMEM

Range: 1?~8? (Default: 1?). Use [+ / YES] button to confirm, the LCD will display: SAVEMEM: 1DONE.



The SAVEMEM mode will indicate these parameters as shown below:

Mainstone	Splitstone
Layertone	Tempo
Tune	Touch
Splitpoint	Mainvol
Splitvol	Layervol
Reverb	Reverb level
Chorus	Chorus level
Transpose	Metrovol
Usertone 1-8	Keyboardstatus
User On/Off	

19. Grading

When this function is engaged, after playing play-along songs, it will give you grading automatically according to your performance. There are 4 levels of the grading: Excellent, Very good, Good and Try Again.

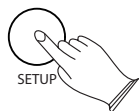
Press [SETUP] button to enter the function menu. Use [SETUP] button or [- / NO] button to select [GRADING]. Then use [+ / YES] / [- / NO] button to select on or off.



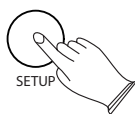
GRADING ON: turn on the Grading mode.
GRADING OFF: turn off the Grading mode.

20. Local

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [LOCAL ?]. Press [+ /YES] button into the option, the LCD will display:***LOCAL ON***.

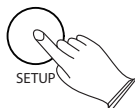


Then use [-/NO] button to mute the local sound. The LCD will display:***LOCAL OFF** .



21. Bluetooth

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [BLUETOOTH?]. Press [+ /YES] button into the option, the LCD will display: BLUETOOTH OFF. Then use [+ /YES] / [-/NO] button to Select ON or OFF.



22. Reset

Press [SETUP] button to enter the function menu. Use [SETUP] button or [-/NO] button to select [RESET?]. Press [+ /YES] button into the option, the LCD will display: RESETTING. The Piano return to the factory setting.



REGISTRATION MEMORY

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

1. Save

Please refer to [SETUP] function, see page 19.

2. Load

Please refer to [SETUP] function, see page 19.

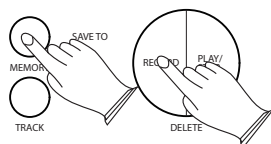
3. Saving The Registration Data To USB Disk

Insert the USB Disk into the USB terminal.

Press the [MEMORY] button and press the [RECORD] button simultaneously, the LCD will display: SAVE REG TO USB?

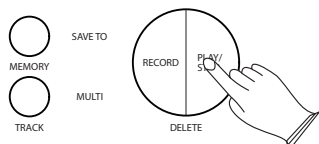
Then press [+ / YES] button, display shows SAVE OK!

A message xxREGyyy (xx indicates this file's sequence Number in Udisk. yyy indicates registration file number) appears, indicating your Registration Memory Settings are saved to USB Disk, with 8 Registrations stored to a single file.



4. Use Registration Data From USB

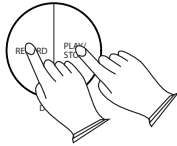
Insert the USB Thumb Drive into the USB terminal. Use [+ / YES] / [- / NO] buttons to select REG file, then press [PLAY / STOP] button, display shows LOAD OK!



8 Registrations will be loaded to the memory store on the panel. You can recall the information you have loaded by pressing [FUNCTION] button. Please refer to [FUNCTION] menu, see page 19.

5. Delete REG File From USB

Insert the USB Disk into the USB terminal. Use[+/YES] / [-/NO] buttons to select REG file you want to delete, then hold down the [PLAY/STOP] button and press the [RECORD] button .LCD shows:



Press[+/YES]button to delete the file.
Press[-/NO]button to cancel this Delete Function.

SONG RECORDING

This digital piano lets you record your performances and Registration settings to a USB Disk. Each user song lets you record up to sixteen independent tracks.

These include the voices for the keyboard performance.

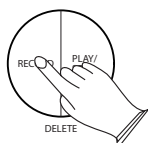
There are two different ways to record: USB Recording and Melody Track Recording. Melody Track Recording can be saved into local memory. Two Tracks recording can be saved into USB disk as a MIDI File and the MIDI file in the USB disk can be loaded into local memory.

I. Quick Recording

1.1. Insert the USB Disk into the USB Terminal

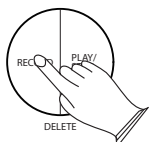
1.2. Start Recording

Press the [RECORD] button and the button indicator will start flashing, then you can start recording.



1.3. Stop Recording

Press [RECORD] button again to stop recording. Recording stops and your performance is written to a new song. The song to which your performance is recorded is automatically named “xxSONGxx” (xx indicates this file's sequence Number in U disk. SONGxx indicates the recording file number). You can edit the song as desired by computer or midi editing software.



NOTE

Quick Recording automatically makes the track assignments shown below:

Track 1----- Main Voice

Track 2----- Split Voice

Track 3----- Dual Voice

2. Multi Track Recording

Multi track recording provides two ways to record:

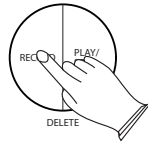
- A. Use Auto Track Assignment.
- B. Select Tracks by yourself.

2.1. Use Auto Track Assignment.

2.1.1 Insert the USB Disk Into the USB Terminal

2.1.2 Press the [RECORD] button to start recording.

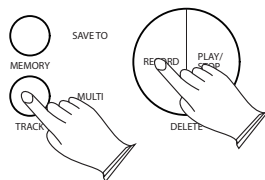
(The first measure is for a tempo prompt only. It cannot record any data).



2.1.3 Press [RECORD] button again to stop recording.

Recording stops and your performance is written to a new song. The song to which your performance is recorded is automatically named xxSONGxx (xx indicates the song file number. SONGxx is the song's name).

2.1.4 Hold down [TRACK] button, then press [RECORD] button to start Recording. When the recording is finished, the recording file will be saved as a new file named SONG02.



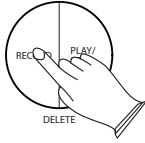
2.1.5 Use the same operation as step 4 to record additional tracks. The name of the new file will be saved in sequence.

2.2. Select Tracks by Yourself

2.2.1 Insert the USB disk Into the USB terminal.

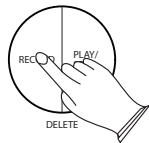
2.2.2 Press the [RECORD] button to start recording.

(The first measure is for a tempo prompt only. It cannot record any data).



2.2.3 Press [RECORD] button again to stop recording.

The Recording will stop and your performance is written to a new song. The song to which your performance is recorded is automatically named “xxSONG xx” (“xx” indicates the song file number. “SONGxx ” is the song's name).



2.2.4 Select Recording Track

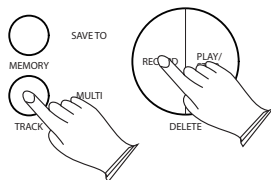
Press [TRACK] button repeatedly can select three voice mode, you can use[+ /YES]/[- /NO] button to select the track (01-16,off) in each mode.

NOTE

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

If you record the Main Voice only, please turn off the Split Track and Dual Track.

2.2.5. Hold down the [TRACK] button ,then press [RECORD] button, when the recording is finished, the recording file will be saved as a new file named “SONG02”

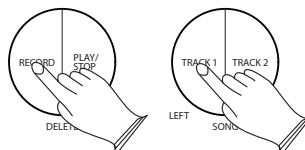


2.2.6. Use the same operation as Step 4 and Step 5 to record more tracks. The name of the new file will be saved in sequence.

3. Melody Track Recording

3.1 Melody Track1 Recording

Hold down the [RECORD] button, and then press the [TRACK1] button, the [TRACK1] and the [RECORD] indicator flashes to indicate ready to record. You can start recording simply by playing the key board.



Press the [RECORD] button again to stop recording and the data will save to local memory track.

NOTE

If TRACK 2 has data recorded, the indicator will light and the track will play when recording. You can press the [TRACK 2] button to mute it, the indicator will turn off.

3.2 Melody Track2 Recording

Hold down the [RECORD] button, and then press the [TRACK2] button, the [TRACK2] and the [RECORD] indicator will start flashing to indicate it is ready to record. You can start recording simply by playing the key board.

Press the [RECORD] button again to stop recording and the data will be saved to a local memory track 2.

NOTE

If TRACK 1 has data recorded, the indicator will light and the track will play when [TRACK2] is recording. You can press the [TRACK 1] button to mute it, the indicator will turn off.

3.3 Play the Local Track Recording

Press the [PLAY] to play the local recording. During song playback you can select which track you wish to hear by pressing the [TRACK 1] or [TRACK2] button.

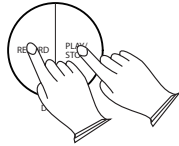
3.4 Delete the Local Track Recording

If TRACK 1 has data recorded, hold the [TRACK 1] button for 3 seconds and the LCD will display: CLEAR Tck1.

If TRACK 2 has data recorded, hold the [TRACK 2] button for 3 seconds and the LCD will display: CLEAR Tck2.

4. Delete Song

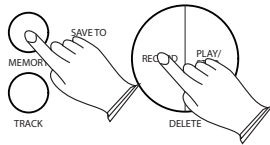
Insert the USB Disk into the USB terminal. Use [+ / YES] [- / NO] buttons to select “SONGxxx” file you want to delete, hold down the [PLAY / STOP] button and press the [RECORD] button .



Press [+ / YES] button to delete the file.
Press [- / NO] button to cancel.

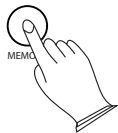
5. Save Tck to USB

Hold Down [MEMORY] button and press [RECORD] button repeatedly to select: SAVE TCK TO USB?, then press [ENTER] button, the LCD will display: SAVE OK!



6. Memory Button

This button can switch to the USB save mode immediately even if the keyboard was set up to save in any other mode.



7. USB Mute Track

With this function you can turn off or on any tracks before song playing or recording.

Please refer to [SETUP] function, see page 17.

8. USB Play Volume

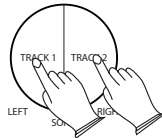
Please refer to [SETUP] function, see page 17.

PLAY ALONG SONGS

There are 55 songs built into this piano for your musical enjoyment. These songs have separate left and right-hand parts that can be turned on and off as required so you can practice the corresponding part on the piano.

1. Selecting A Song

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

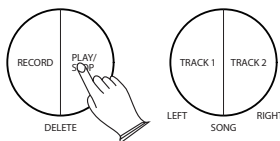


Use the [-/NO] / [+ /YES] buttons to select a song. Press the [PLAY/STOP] button to start the song.

If you want to play slower or faster than the preset tempo, press the [TEMPO] button and use the [-/NO] / [+ /YES] buttons to change the tempo from the original tempo of the song. The range is 20 to 280 BPM (beats per minute).

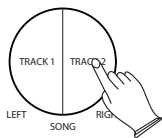
2. Listening To The Entire Song

- 1). With the play along song mode engaged, press the [PLAY/STOP] button to hear both hand parts playing the entire song.
- 2). Press the [PLAY/STOP] button again to stop. Otherwise, playback will stop automatically at the end of the song.



3. Practicing The Right Hand Of The Selected Song

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



2). Press the [PLAY/STOP] button. Its indicator lights up and you will hear the metronome "count in" the song. You will then hear the left-hand part.

NOTE

The default status of the metronome is ON. Press the METRONOME button if you want to disable the metronome sound in the right / Left hand mode.

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

4). Press the [PLAY/STOP] button again to stop.

4. Practicing The Left Hand Of The Selected Song

Follow steps 1-4 listed above, substituting the [LEFT] button whenever [RIGHT] button is mentioned. You will hear the right-hand part of your selected song. Play the left-hand part of your selected song while the right-hand part plays.

5. Practicing with Both Hands in The Selected Song

1). While the play along song mode is engaged.

2). Press the [LEFT] button first, then the [RIGHT] button.

3). Press the [PLAY/STOP] button. Its indicator lights up and you will hear the metronome "count in" the song.

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

5). Press the [PLAY/STOP] button again to stop. Otherwise, playback will stop automatically at the end of the song.

MIDI FUNCTION

If you are an advanced MIDI user, this section will help you to access the MIDI controller capabilities of the digital piano. If you already know that you need this specialized functionality, then this section is for you. However, this information is not necessary in order to enjoy playing the piano.

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

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

1. Local On/Off

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

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

Turn Local On/Off to Off

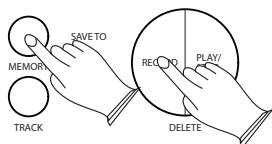
Please refer to [SETUP] function, see page 21.

Turn Local On/Off to On

Please refer to [SETUP] function, see page 21.

2. Load MIDI File

Hold Down [MEMORY] button and press [RECORD] button repeatedly to select LOAD MIDI FILE?, Then press [ENTER] button, the LCD will display: LOAD OK!



2. MIDI Implementation Chart

Function	Transmitted	Recognized	Remarks
Basic Default	(*1)	1-16CH	
Channel Changed	(*1)	1-16CH	
Mode Default	Mode 3	Mode 3	
Messages	X	X	
Altered	*****	X	
Note	0~127	0~127	
Number : True voice	*****	0~127	
Velocity Note ON	O 9nH,v=1~127	O 9nH,v=1~127	
Note OFF	O 9nH,v=0 or 8nh	O 9nH,v=0 or 8nh	
Affter Key's	X	X	
Pitch Bender	X	O	
Control Change 0,32	O	O	Bank Select
1	X	O	Modulation
5	X	O	Portamento time
6	O	O	Data Entry
7	O	O	Volume
10	X	O	Pan
11	X	O	Expression
64	O	O	Sustain
65	X	O	Portamento
66	O	O	Sostenuto
67	O	O	Soft pedal
80,81	O	O	DSP TYPE
91,93	O	O	DSP DEPTH
100,101	O	O(*2)	RPN LSB,MSB
120	O	O	All sound off
121	X	O	Reset all Controllers
122	O	O	Local control
Program	O 0-127	O 0-127	
Change : True	0-127	0-127	
System Exclusive	X	O	
System : Song Position	X	X	
: Song Select	X	X	
Common : Tune	X	X	
Aux : Local on/off	O	O	
: All Notes Off	O	O	
Messages : Active Sense	X	O	
: Reset	X	O	

Mode1:OMNI ON,POLY Mode2:OMNI ON,MONO O: Yes
 Mode3:OMNI OFF,POLY Mode4:OMNI OFF,MONO X: NO

*1: Main voice track (01-16).Default: 01
 Split voice track (01-16).Default: 02
 Dual voice track (01-16).Default: 03
 Percussion track (01-16).Default: 10

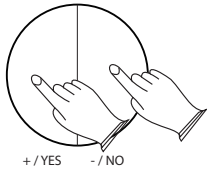
*2: Registered parameter number:
 #0: Pitch sensitivity
 #1: Fine tuning cents
 #2: Coarse tuning in half-tones

3. Factory Reset

1). Turn off the power.



2). Hold down [+ / YES] & [- / NO] buttons, then turn the power on, This will restore all internal settings to factory set.



4. Specifications

Keyboards	88 Graded Hammer Keys with Touch Response
Display	LCD display
Polyphony	64 Note Polyphonic
Voices	128
Voice Control	Layer, Split, User, Touch, Duet, Transpose, Tune
Pedal	Sustain Pedal, Soft Pedal, Sostenuto Pedal
Effect	8 Reverb Types and Reverb Level 8 Chorus Types and Chorus Level
Demo	14
Song Recording	Quick Recording, Multi Recording, Recording Tracks: 1-16 2 Tracks of record and playback without USB Disk
Registration Memory	8 Panel Setting, Memorize to USB, USB Host
Midi	Transmit Settings Local Control USB MIDI
Connectors	MIDI In, MIDI Out, Pedal, Line In, Line Out, Phones1, Phones2, USB midi, Bluetooth, Speaker connection
Speakers	YDG50_3/4ohm X 2, YD134-9A(4ohm, 15W) X 2
Dimensions (W x D x H)	1360mmX384mmX775mm
Weight	42Kg
Supplied Accessories	Owner's Manual, Sustain Pedal, Music Rack, A/C Adapter

5. Warranty Information

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, Virgin Musical Instrument Company will pay the labor charges to repair the defective product. After this one year period, you must pay all labor charges.
2. In addition, Virgin Musical Instrument Company 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 Virgin Musical Instrument Company, the parent company of Artesia Pianos, at 888-998-9848. Virgin Musical Instrument Company 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.

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.

Artesia

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