

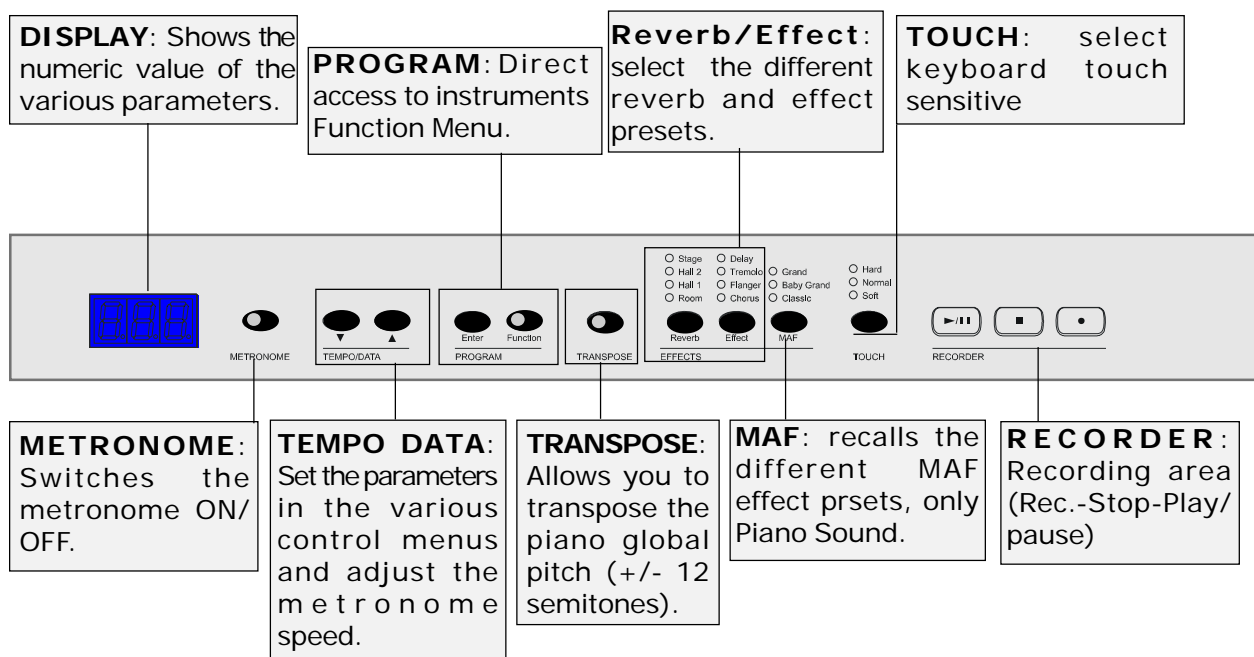
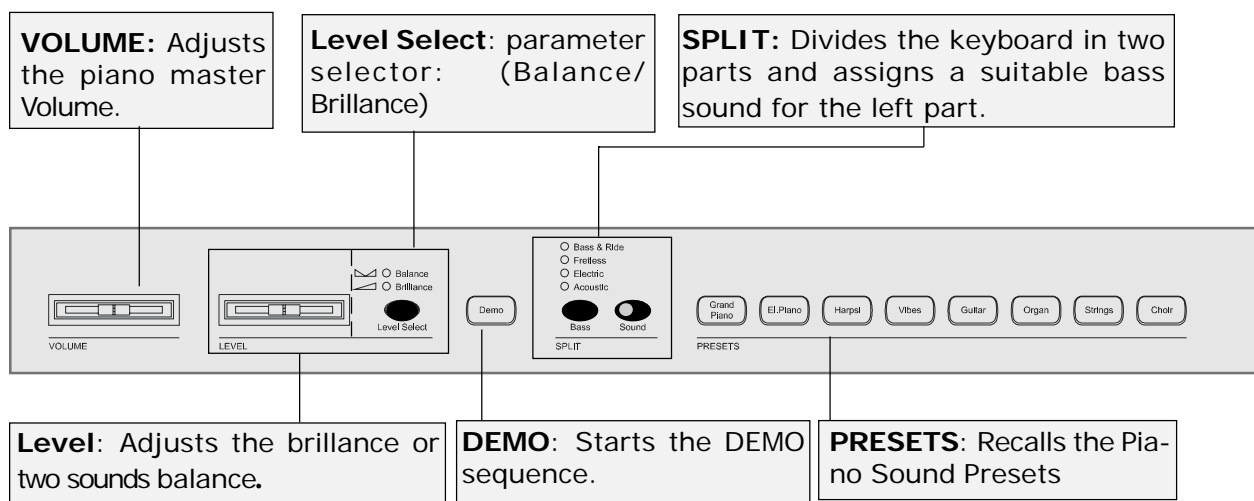
Congratulations and thank you for purchasing a Galileo new digital piano VP120! Whether you are student, enjoy playing for recreation or professionally, these pianos will impress you with their musical quality and stylish design, providing years of enjoyment.

Moreover this digital piano is equipped whit Graded Hammer Action keyboard, for a realistic touch feeling that allow you to play by getting detailed nuances of every instrument sound. For these and many other reasons, you will discover with VP120 the pleasure to play a Digital Piano with characteristics completely similar to a traditional acoustic piano; all these features are proposed with a nice cabinet with modern and refined design. We recommend that you read this manual carefully so that you can fully take advantage of the advanced and convenient functions of the VP120.

We also recommend that you keep this manual in a safe and handy place for future reference.

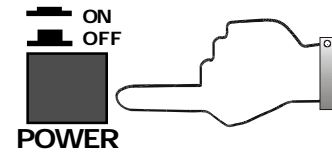
CONTROL PANEL

All the digital piano functions can be easily controlled from the control panel.



Turn the power on

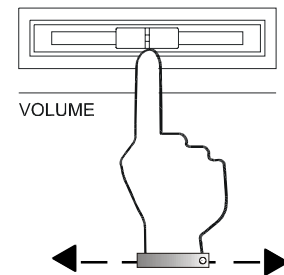
Connect the instrument power supply to an appropriate AC outlet and switch it on using the ON/OFF button on the front panel. The default sound on startup is PIANO1.



Master volume set up

Move the volume slider on the control panel to set the instrument volume. Moving the slider left the volume will be decreased, moving it right it will be increased.

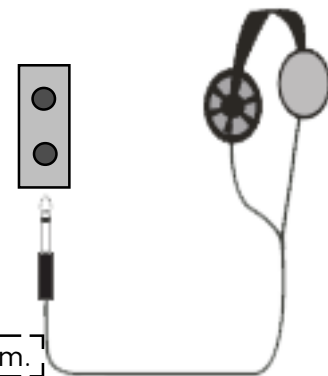
Warning!: Excessive volume (especially with headphones connected) can be harmful to your hearing.



Connecting headphones

In addition to the internal amplification system, You can connect two sets of standard stereo headphones.. The headphones inputs are located under the keyboard of the instrument at left side.

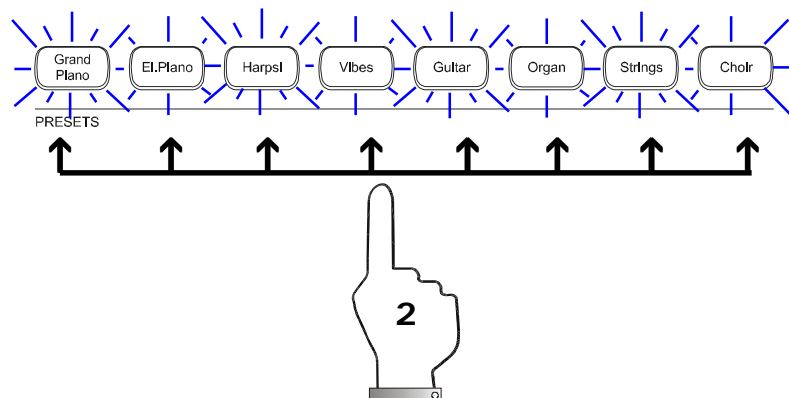
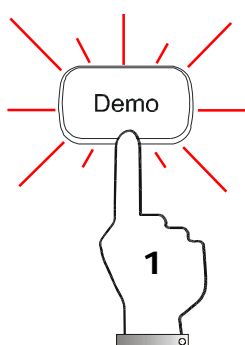
Move the volume slider to set the headphone volume.



NOTE: The headphones connection disables the internal speaker system.

Demo listening

The piano features 8 demo songs. This is a great way to become familiar with the variety of sounds of the instrument in a short and uncomplicated manner. To start a demo song simply press the corresponding button to the demo song of your choice.



Whenever the DEMO button is pressed the preset selection button leds will start flashing. Selecting any of the buttons within 2 sec. The demo song assigned to that button will start.

Presets selection

The presets are the timbral (or sound) resource of the VP 120 digital pianos. These instruments offers 16 sounds which may be played separately, or in combinations of two. They have been selected & optimized with the associated effects and control parameters to provide you with many exciting combinations.

The presets selection is very easy. When you have located the presets selection buttons area on the control panel, just press the sound preset button you want to recall.

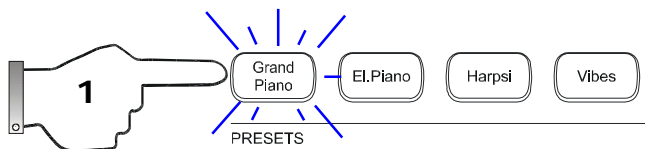
The selected preset is indicated by an illuminated blu led on the button.

Default preset PIANO1, the button led is on.

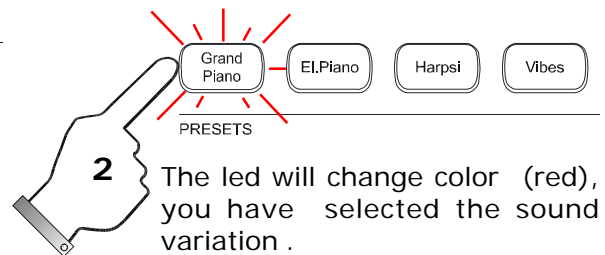


Presets Variation

Each of the piano internal presets features one variation.



To recall a preset variation press one more time the same button.

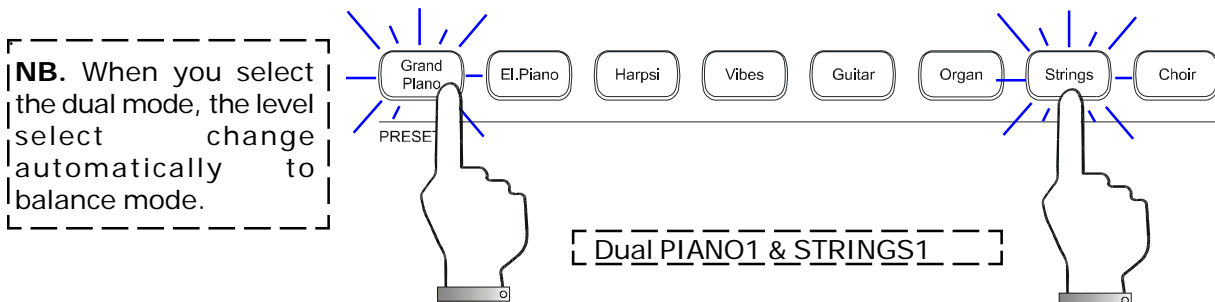


The led will change color (red), you have selected the sound variation.

Dual Presets

The piano allows you to easily use dual sounds (i.e.: Piano + Strings).

To select dual sounds, press two voice buttons at the same time (or press one voice button while holding another). The voice led of both selected voices will be on when Dual mode is active.



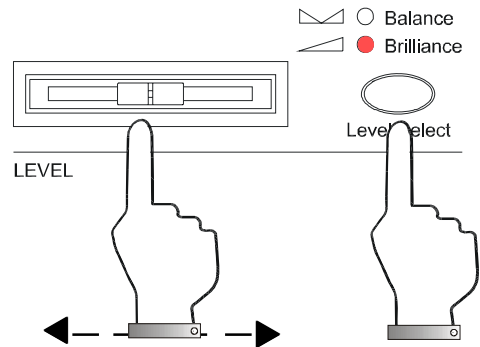
NOTE: Pressing any of the enabled preset buttons, the current preset will switch back to Single mode.

LEVEL Select

The Level slider has a dual function, i.e. can adjust the sound Brilliance or Balance. When the Brilliance led is on, the Level slider adjust the sound Brilliance. When the Balance led is on, the Level Slider adjusts the sound Balance. By pressing the Level Select button you can alternatively switch on the two leds enabling the commutation between these two functioning modes. Whenever you change level select mode, the current level of the old mode is stored in memory, while the last stored level of the new mode will become the current level that will be hooked to the slider position as soon this will be moved.

Brilliance: to lower the sound brilliance moving the slider to the left back, moving the slider to the right to increase the sound brilliance. If you change mode the last brilliance value will be locked and stored in memory.

Balance: Allows the balance between two sound when you are playing in dual or split mode. if you play the piano in "single mode" the level select is locked to brilliance. In the Easy Split mode you can balancing the volume between two sounds (Lower and upper)



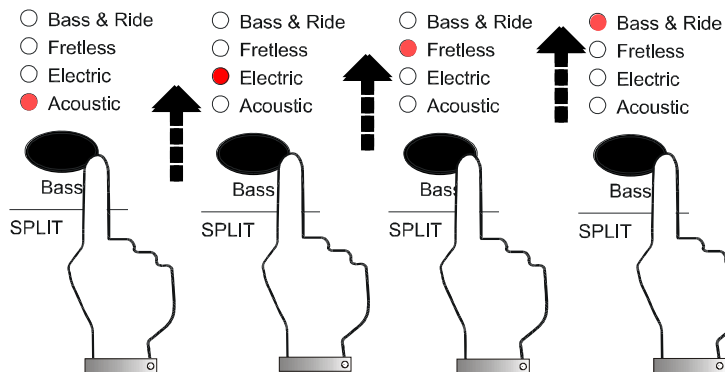
If you select balance mode when you have also enabled both split and dual mode the balance adjust the level of dual sounds, while the split sound will play with the last memorised balance level.

SPLIT

The controls of this section allows to activate the split (divide the keyboard in two parts), to select the active split sounds, and select the split points for Bass and Sounds Preset.

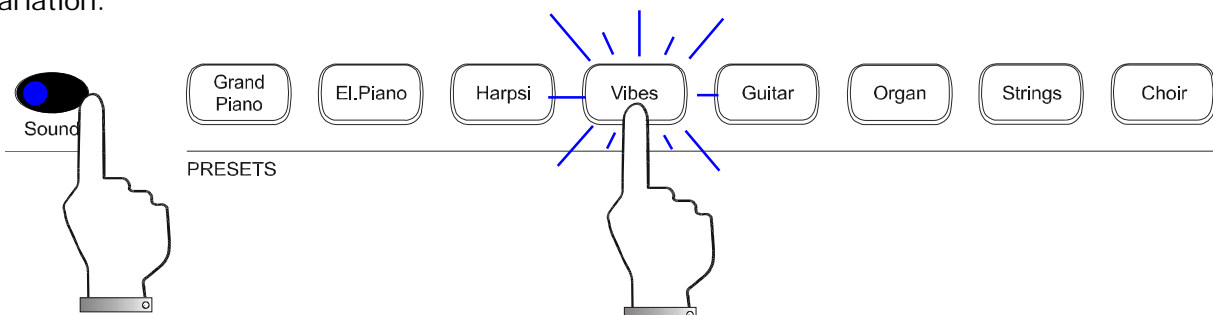
SPLIT Bass:

To active the Bass Sound of the left hand press BASS button. The Bass sound selection is notified by the corresponding led on the panel. Press the Bass button to change the Bass Sound.



SPLIT Sound:

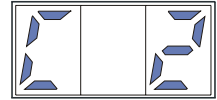
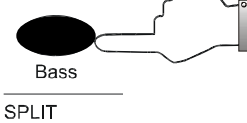
To active the Sound Preset of the left hand press Sound button. To select the different Sound preset hold the Sound button and pressed one of the Preset or variation.



Change the Split point:

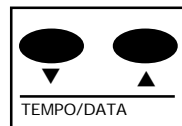
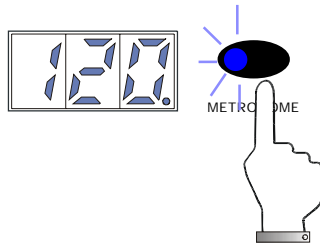
To change the Split Point Keep the Bass button for two second, the display shows the current Split Point. Use the keyboard key or DATA buttons, to assign a new split point. Press both the DATA buttons at the same time to return at the default value C2. Press Bass button to exit from editing.

- Bass & Ride
- Fretless
- Electric
- Acoustic



METRONOME: playing with a metronome guide

Press the METRONOME button to enable the metronome click. The button led button starts flashing while the display will show the current metronome value. The metronome value has a default preset of 120BPM and can be changed in a range from 30 to 250 BPM.

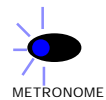
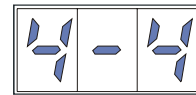


Use the TEMPO/DATA buttons to change the current beat value.

Press again the METRONOME button to switch off the metronome click.

Metronome parameters editing

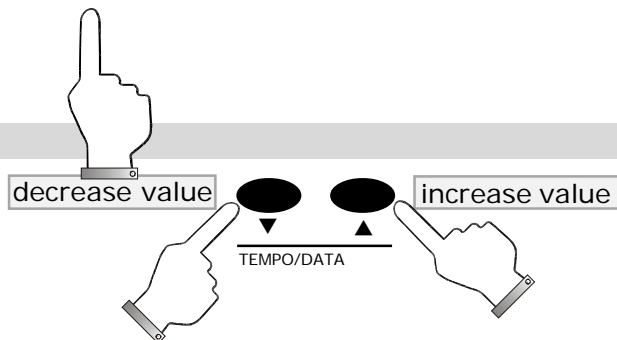
By holding the METRONOME button pressed for more than 2 sec. the piano will enter the metronome parameters editing menu. The display shows the first parameter: TIME SIGNATURE. Select the TEMPO/DATA button to set the time metrical subdivision you need (1/4 - 2/4 - 3/4 - 4/4 - 5/4 - 6/4 - 7/8 - 3/8 - 6/8 - 7/8 - 9/8 - 128) .



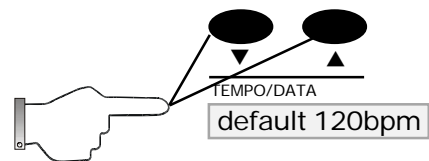
press the METRONOME button to exit.

TEMPO

To change Tempo value (bpm) in a range from 30 to 250 (default 120), using TEMPO/DATA button.

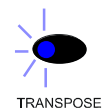


To recall default value (120 bpm) press TEMPO/DATA buttons at the same time



TRANPOSE: to change the instruments tranposition

The global piano transposition can be increased or decrease by +/-12. Keep the TRANPOSE buttons on the control panel pressed for more than 2 sec. , the corresponding led blinks. The display enters the transpose edit.



Press the TEMPO/DATA buttons to change the current value.

The first time you press the buttons the display will show the current value (default=0,C=C). The next time you press the buttons the value will be modified.

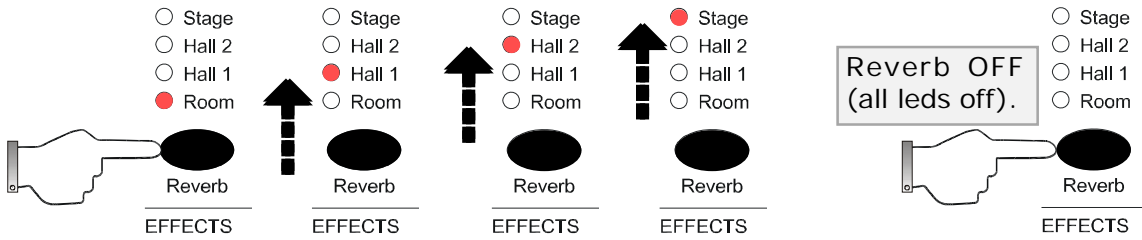
Press the TRANPOSE button to exit the transpose edit status. The button led stops flashing but remains ON, to show the current transposed status of the piano.

Press the TRANPOSE button again, to quit the transpose, restoring the normal piano status mode.



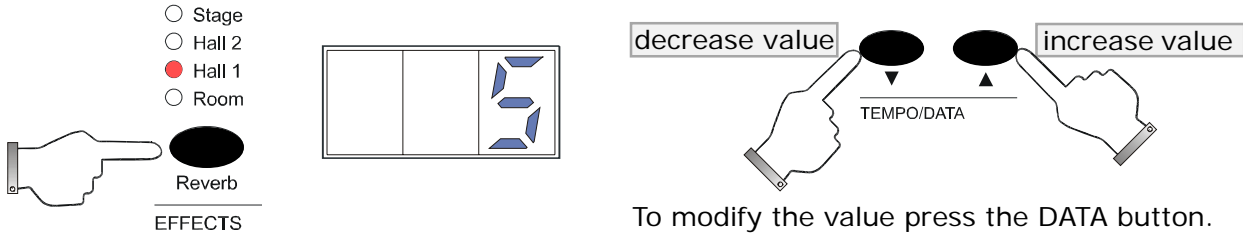
REVERB: Selecting or modifying a reverb in a preset

Each of the VP120 recalled presets includes a reverb. The reverb type (Room - Hall 1 - Hall 2 - Stage) selection is indicated by the corresponding led on the panel. Press the reverb button to change the reverb type.



Edit the "reverb send" value for a selected preset

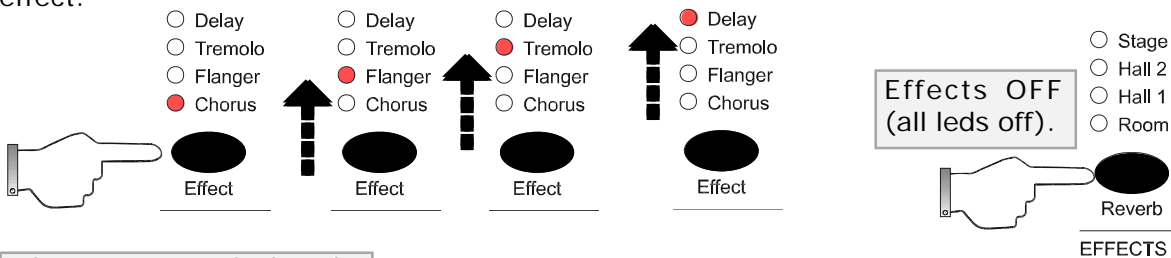
It is possible to customize the default reverb level set from the factory. Keep the REVERB button pressed for two seconds. The current reverb led start flashing and the display shows the current send level value (from 1 to 10).



Note: it is possible to change the reverb send for any Sound Preset.

EFFECTS: Selecting or modifying a effects in a preset

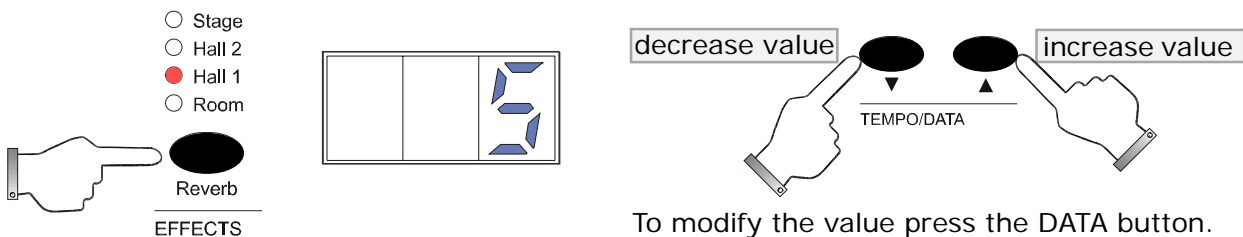
EFX: Each of the VP120 presets can include an EFX (Chorus - Phaser - Tremolo - Delay). The effect type selection is notified by the corresponding led on the panel. Press the EFX button to change the effect.



The preset PIANO1 has the effect OFF (all leds are off).

Edit the effect send value for a selected preset

It is possible to customize the default effect level set from the factory. Keep the EFX button pressed for two seconds. The current effect led start flashing and the display shows the current send level value (from 1 to 10).



Note: it is possible to change the effect send for any Sound Preset.

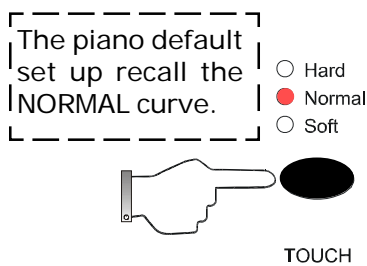
MAF: Selecting MAF (Mechanical Acoustic Feel)

the MAF (cabinet and mechanical sounds simulation) selection is possible only to the Piano sound. The MAF type (Classic - Baby Grand - Grand) selection is indicated by the corresponding led on the panel. Press the MAF button to change the MAF type. MAF OFF (all leds off).



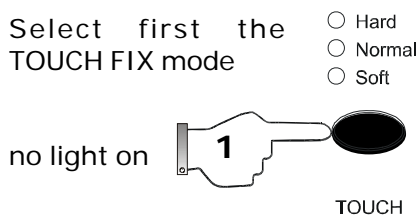
TOUCH: selects keyboard touch sensitivities

The TOUCH parameter sets the response between the piano keyboard and the sound generator. In this way it is possible to adapt the instrument to the piano technique that best suits your playing style.

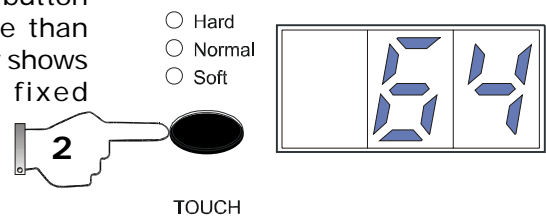


FIXED	No dynamic sensitivity (fixed value)
SOFT	Highest dynamic sensitivity (recommended for those who play with a light touch)
NORMAL	Optimal sensitivity (default value)
HARD	Reduced dynamic sensitivity (recommended for those who play with a heavy touch)

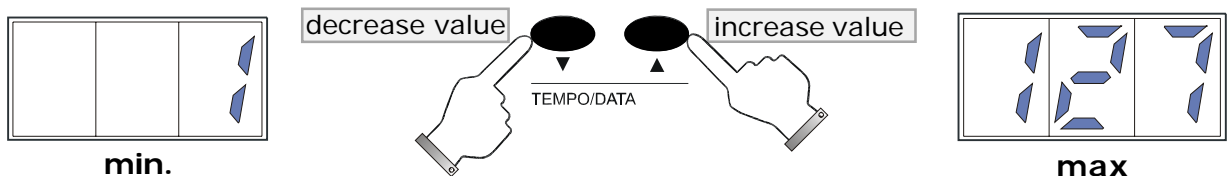
Programming a fix dynamic value



Keep the TOUCH button pressed for more than 2 sec. the display shows the current fixed dynamic value:



Now by pressing the TEMPO/DATA buttons you can set the dynamic value transmitted by the keyboard.

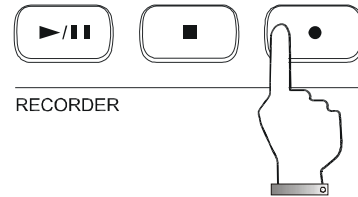


SONG PLAYER/REC: recording a song

This section allows you to easily record and playback your performances using the digital piano presets.

Press the RECORD button to prepare recording.
Two record modes are possible:

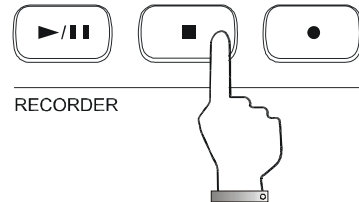
1. Press the RECORD button to immediately start record.



2. Keep the RECORD button pressed for two seconds. The button start flashing and the recording is enabled, when you play the first note on the keyboard the piano start recording.

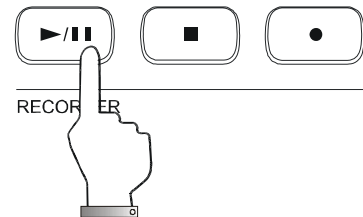
The recorder will record all events including playing the actual keys on the keyboard, the pedals, changing the presets and effects (Rev-EFX-MAF).

STOP: Press the button STOP to stop recording (or playback).
Press STOP one more time, the playback starts from the begin of the song (Go to Start mode).



PLAY/PAUSE: press PLAY/PAUSE button to listen your recording.

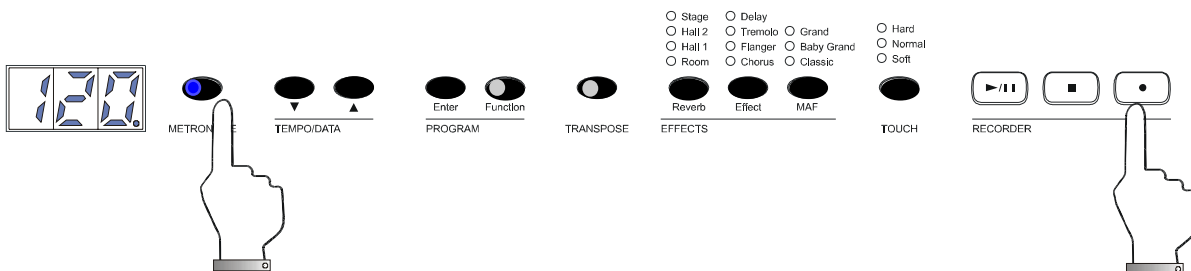
Press PLAY/PAUSE once, the button led will flash by meaning that you are in pause mode.
Now press PLAY/PAUSE one more time, the playback will begin from the same point where the song was stopped.
(Continue mode)



Recording using the metronome guide

With the sequencer it is possible to record a song using a proper metronome guide.
Set up the metronome parameter as already explained in the previous chapter (metronome parameters editing), TIME SIGNATURE, VOLUME, SPEED. When these correspond to your needs, press the REC button on the control panel.

They will be automatically memorized in the sequencer.



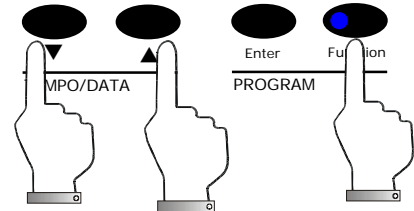
PROGRAM:

The piano functions menu allows you to fine adjust the instrument to different operating situations.

Function

FUNCTION button allows to enter in function menù . Press the function button, LED start flashing and the display shows F 1 (first function).

To select the MENU function (F1...F12) use the DATA buttons.



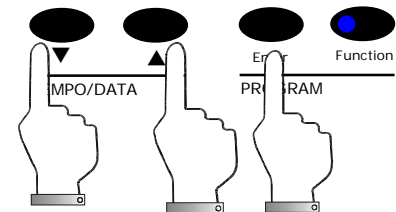
Enter

Press ENTER button to select the function (F1...F12)

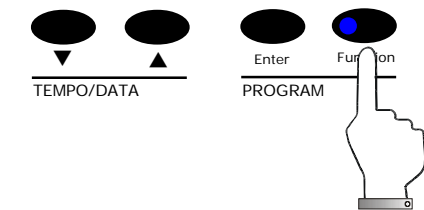
The display shows the current value.

using the DATA buttons to edit value

Press ENTER to confirm the modify, the display shows the function selected.



Press FUNCTION button to exit



Piano FUNCTION menu

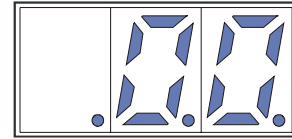
	Functions	parameter range
F1	Tune	From -99 to 99 cent
F2	Temperament	Equal (default), Pythagorean, Vallotti, Meantone, Weirckmeister, Kirnberger
F3	Volume metronome	From 0 to 10
F4	Equalizer	ON/OFF
F5	Decay Env.	ON/OFF
F6	Transpose lower	(-3, -3, -1, 0, +1, +2, +3)
F7	Transpose upper	(-3, -3, -1, 0, +1, +2, +3)
F8	MIDI	UP1 - UP2 - BAS - FIL - LOC
F9	Back-up	ON/OFF
F10	Help	ON/OFF
F11	Restore defaults	Yes/No
F12	Release	number of software release

(F1)Tune

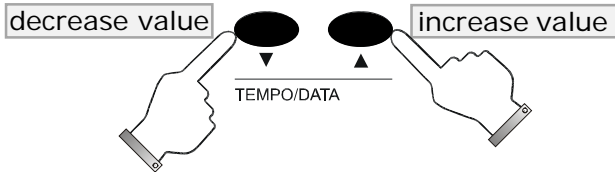
This function allows you to fine adjust the piano's pitch:

the display shows the current tune value **0.0 semicent** by default.

Edit the value using TEMPO/DATA buttons, from -99 to 99 **cent** of tone.



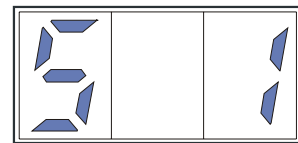
0.0=standard pitch A=440Hz



(F2)Temperament

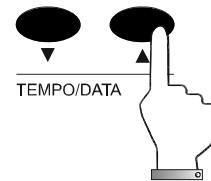
This function allows you to select different temperaments:

the display shows the current temperament value (S1...S6)



- ▶ 1. Equal (default)
- ▶ 2. Pythagorean
- ▶ 3. Vallotti
- ▶ 4. Meantone
- ▶ 5. Weirckmeister
- ▶ 6. Kirnberger

Change the temperament using the TEMPO/DATA buttons.



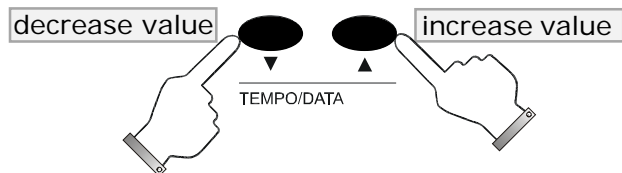
(F3)Volume metronome

This function allows you to select the volume of metronome:

the display shows the current value (0...10)



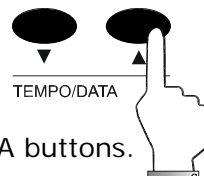
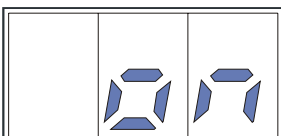
Edit the value using the TEMPO/DATA buttons.



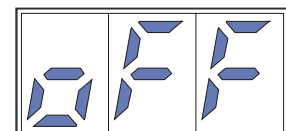
(F4)Equalizer

This menu turns ON or OFF the piano internal equalizer.

the display shows the current value (ON) by default.



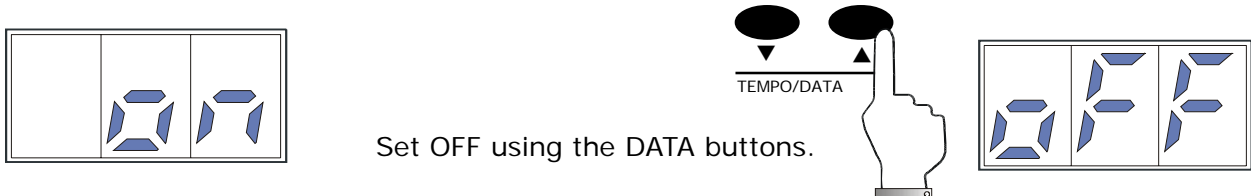
Set OFF using the DATA buttons.



(F5) Decay Env.

This new function enables you to select two different modes for the damper pedal for the decay of strings, pads, organs etc. sounds. If using dual sounds (piano+strings) for example, you can select DECAY ENV. ON (which is the factory default), allowing the string sound to decay at a pre determined decay envelope. By turning this feature to OFF, the Strings, (Pads, Organ etc.) will remain "held" until you release the damper pedal.

Pressing the DATA button the display shows the current value (ON by default).

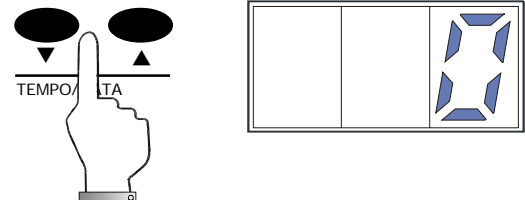


(F6) Transpose Lower

This function allows you to set the octave traspose of lower part.

Pressing ENTER the display shows the current value, Default: 0. (No traspose)

Pressing the TEMPO/DATA button to edit the value (-3, -2, -1, 0, +1, +2, +3)

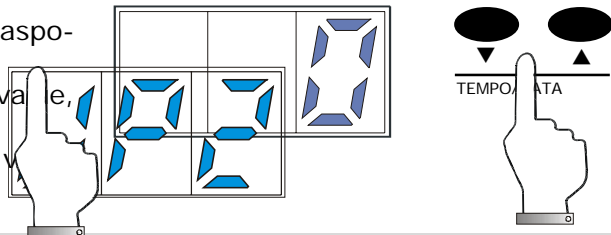


(F7) Transpose Upper

This function allows you to set the octave traspose of Upper part.

Pressing ENTER the display shows the current value, Default: 0. (No traspose)

Pressing the TEMPO/DATA button to edit the value (-3, -2, -1, 0, +1, +2, +3)



(F8) MIDI

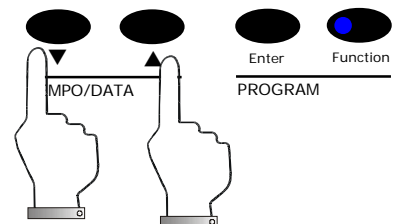
This function allows you to edit the piano MIDI configurations.

ENTER button allows you to choose one of this functions:

UP1 - UP2 - BAS - FIL - LOC

Select a function by using the TEMPO/DATA button.

Press ENTER to edit the function.

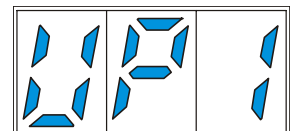


UP1: This function allows you to edit the Upper 1 MIDI IN/OUT configuration. (1-16).

Default: MI di channel 1.

Edit the value using the TEMPO/DATA buttons.

Press ENTER to confirm.



UP2: This function allows you to edit the Upper 2 MIDI IN/OUT configuration, (1...16).

Default: MI di channel 2.

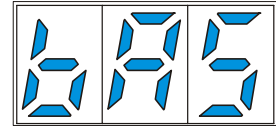
Edit the value using the TEMPO/DATA buttons.

Press ENTER to confirm.

BAS: This function allows you to edit the Bass section MIDI IN/OUT configuration, (1...16).

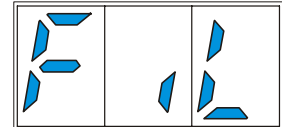
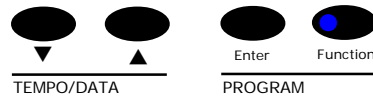
Default: Midi channel 3.

Edit the value using the TEMPO/DATA buttons.
Press ENTER to confirm.



FIL: If you are using the piano to control other instruments connected via MIDI, it may be necessary to filter the Control and Program change messages from the MIDI transmission. Pressing the TEMPO/DATA button the display shows the current value (OFF by default). Set the filter type using the TEMPO/DATA buttons.

0	OFF
1	Program Change
2	Control Change
3	Program Change + Control Change



Press ENTER to confirm.

LOC: This function allows you to properly connect the piano to a computer MIDI network, (ON/OFF)

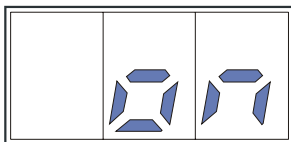
Default: ON.

Set OFF using the TEMPO/DATA buttons.

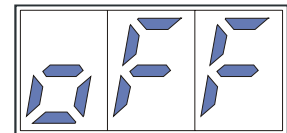
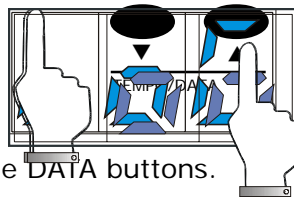
(F9) Backup

With this menu you can decide if the default start set up of the piano will be factory set or user set.

Default: ON.



Set OFF using the DATA buttons.



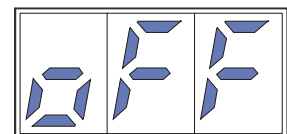
(F10) Speaking help

To disable or enable the help voice in the function menu.

Default: ON.



Set OFF using the DATA buttons.



(F11) Restore defaults

To allows Restore Factory Settings on the piano. The sequencer memory will be erased.

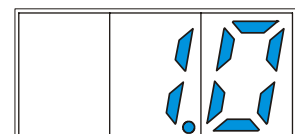
Default: YES.

Set NO using the TEMPO/DATA buttons.

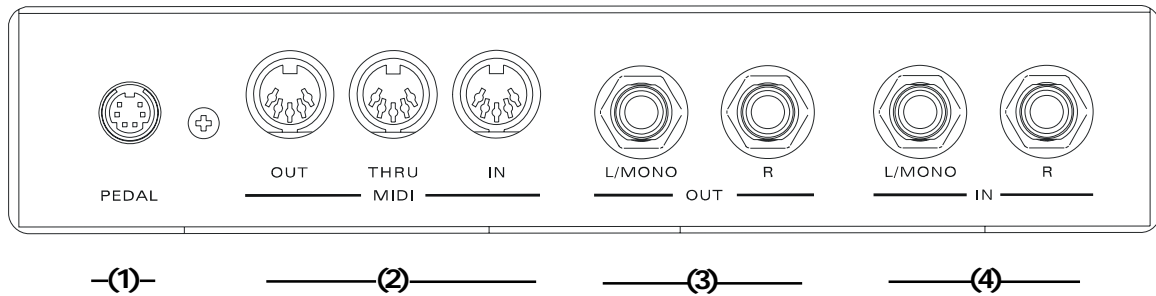
Set YES and press ENTER to confirm the factory reset: the piano will be re-start.

(F12) Release

This function allow to know the number of VP120 software release.



REAR PANNEL



(1) PEDAL	Socket to connect the pedals (Damper, Soft, Sostenuto)
(2) MIDI In-Thru-Out	Standard MIDI connection
(3) MAIN OUT Right e Left/Mono	Connect the instrument to an external speaker system.
(4) INPUT Right e Left/Mono	Connect an instrument to the internal speaker system (CD, MIDI player, etc.)

PRESET E VARIATION LIST

prg	Preset	prg	Variation	prg	Bass
1	Grand Piano (MAF)	9	Upright Piano (MAF)	17	Acoustic
2	El. Vintage Piano	10	Digital Piano	18	Electric
3	Harpsichord	11	Clavi	19	Fretless
4	Vibraphone	12	Marimba	20	Acou+Ride
5	Nylon Guitar	13	Jazz Guitar		
6	Church Organ	14	Jazz Organ		
7	Strings Ensemble	15	Slow Strings Ensemble		
8	Choir	16	Warm Pad		

Technical Specifications

keyboard	88 keys with graded hammer action
poliphony	64 note max
sounds	20 presets
operating mode	Whole, Layer, Dual (volume balance adjustable), Split (progr.)
controls	volume, balance/brillance, demo, split, metronome, play, stop, rec, tempo/data, transpose, preset and variation selection, split, , reverb (send edit), efx (send edit), MAF 3 preset: Classic - Baby Grand - Grand - OFF, touch (3 dynamic curves + fix mode), functions menu: global tune, temperament (6 types), volume metronome, equalizer on/off, decay env. on/off, transpose lower, transpose upper, midi menu (receive/transmit channel progr., local control, midi filter), back up mode.
technology	ISS ² piano technology MAF technology (Mechanical Acoustic Feel).
digital effects	4 reverber and 4 modulation ,assignable with separate sends.
sequencer	3 tracks, 64.000 events, metronome 8 demo songs.
display	led 3 digits
connections	stereo in/out L (mono)/R, MIDI (In/thru/out), Headphone X 2, AC In
pedals	damper (half pedal), soft, sostenuto
cabinet	Hig Gloss black - Rosewood (with a sliding keyboard cover)
amplification	50W + 50W
dimensions _(WxDxH)	(54,134" x 20,177" x 41,22")
weight	137,35 pounds

TECHNOLOGY



Graded Hammer Feeling



MAF (Mechanical Acoustic Feel)
Cabinet and mechanical sounds simulation



Speaking Help Functions



ISS² Interpolated Spectral Synthesis



Easy to use