

KURZWEIL®

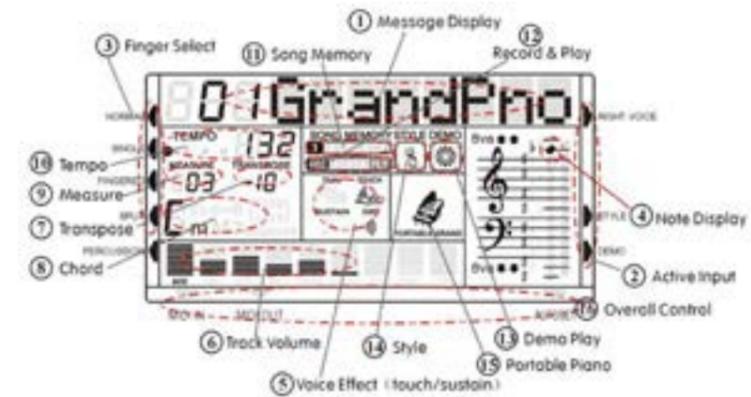
KP120A
USER'S
MANUAL

English Manual

HDC YOUNG CHANG

PANEL DISPLAY INDICATIONS

Your instrument features a large multi-function display (MULTI DISPLAY) that shows all important settings for the instrument. The section below briefly explains the various icons and indications in the display.



- (1) **Message Display** - This section displays the demo song, voice or style name and number you have selected.
- (2) **Active Input** - When you play the instrument, you need to change the voice, style, demo. The arrow point to which is the active section.
- (3) **Finger Select** - This arrow tells you which finger mode is selected and if the keyboard is split into two parts or not.
- (4) **Note Display** - When you play a key on the keyboard, the note will be displayed.
- (5) **Voice Effect** - These icons display the Dual, Sustain, Touch and Effect function is turned ON/OFF.
- (6) **Track Volume** - It displays the volume of each track dynamically when the demo song or style is played.
- (7) **Transpose** - Display the current transpose status of the keyboard. The number 00 indicates No transpose.
- (8) **Chord Type** - Display current chord type you play on the keyboard accompaniment section when the keyboard is in the Single or Fingered mode.
- (9) **Measure** - Display the measure of the demo song, style or record/play back have played.
- (10) **Tempo** - Display the tempo of the demo song, lesson, style or record/play.
- (11) **Song Memory** - Display the record and play track during recording and play back.
- (12) **Record and Play** - Display the record and play status.
- (13) **Demo** - Display the demo is playing.
- (14) **Style** - Display the accompaniment is playing.
- (15) **Piano** - Display if the current voice name is Piano.

DEMO SONGS AND FX BUTTONS

Listen to the pre-programmed demonstration songs - they'll give you a good idea of what the instrument can do.

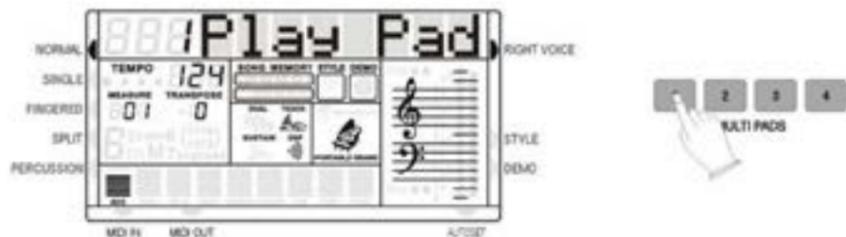


- Turn the Power ON and Set the Master Volume at half way.
- Press DEMO/SONG button to start the DEMO. The number of the selected DEMO will appear on the MULTI DISPLAY. You can select the demonstration song by the [+/-] buttons.

Press the FX buttons to play the sound effects stored in the three buttons.

MULTI PADS

The MULTI PADS have a factory set of 4 different sounds. These four sounds can be replaced with other sounds available in any of the available Drum Kits (150 –159) or Arabic Drum Kits (158 – 159) or in the Effect Sound Bank (160). Press one of the Multipad to play the sounds stored in the buttons.



To program new Drum Sounds in the Multipads:

- Select the Drum Kit or the Effect bank (150 - 160)
- Press the STORE button at the same time with the Multipad button number 1 and release both buttons. The display shows: 1 SavePad.



- As soon as the two buttons are released the display shows: -- SavePad
- Press now again the Multipad number 1 button together with the key on the keyboard related to the desired sound. The display shows: 1 SavePad.
- The new sound effect is now stored in the Multipad button.

It is possible to reprogram all the four Multipads.

SELECTING AND PLAYING THE VOICES

Your instrument has 128 sounds in the internal sound library numbered from 01 to 128, and 10 Drum Kits numbered from 150 to 159. Sound 160 is the SOUND EFFECT preset.

It is possible to play up to two sounds for the right hand (DUAL) and one sound for the left hand (SPLIT).

The available sounds can be played in three different modes: Main, Dual and Split.

MAIN - plays a single voice over the entire range of the keyboard.

DUAL - mixes two different voices together for rich, complex sounds.

SPLIT - you can select one sound for the Left and up to two sounds to the Right part of the keyboard.

Here find the sounds available listed in Sound Groups. Later in the manual is available a detailed Sound list

01- 08	Piano		81-88	Synth Lead
09-16	Chromatic Percussions		89-96	Synth Pad
17-24	Organ		97-104	Synth Effects
25-32	Guitar		105-112	Ethnic
33-40	Bass		113-120	Percussive
41-48	Strings		121-128	Sound Effects
49-56	Ensemble		129-149	Arabic Sounds
57-64	Brass		150-157	Drum Kits
65-72	Reeds		158-159	Arabic Drum Kits
73-80	Pipe		160	Effects

SELECT A MAIN VOICE

Press the VOICE button - the voice mode is selected and the current voice number and name will be indicated on the Message Display section.



Press the numeric key-pad buttons, or the [+/-] buttons to select the desired voice number according to the Voice List.

To select a sound which number is between 1 and 99, for example 65, press the [+/-] buttons until the number 65 is selected on the display.

To select the sound 65 using the numeric key-pad buttons follow the instructions:

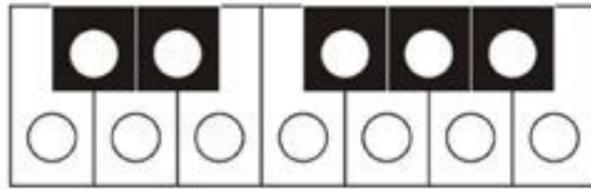
- press the number 6 button and then the number 5 to select the sound.
- the sound number 65 Soprano Sax, is now selected

To select a sound which number is higher than 99, for example 129 KANOUN, press the [+/-] buttons until the number 129 is selected on the display.

To select the sound 129 using the numeric key-pad buttons follow the instructions:

- press the number 1 button and hold it until the number 1 followed by two lines (1 __) appears on the display
- press then the number 2 and the number 9 buttons to select the sound.
- the sound number 129 KANOUN, is now selected.

SETTING THE ARABIC SCALE



These 12 buttons allows to select in real time the desired Arabic Scale. Each one of the buttons is related to one of the 12 semitones of the Octave. Press the desired buttons and the related notes of the instrument keyboard, or the right part of the keyboard when in Split or Auto Accompaniment mode, will be lowered by a 1/4 of a tone.

It is possible to change the scale while playing in real time or store your favourite scales in the 6 Panel Memories available the instrument and recall them at the touch of a button.

We will see how to store this in the related paragraph.

SELECT A DUAL VOICE

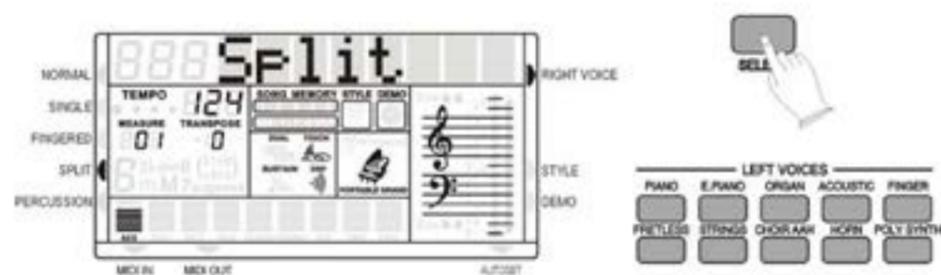
There are 10 sounds available for the Dual Voice function.



- Press one of the buttons, the dual voice flag will appear on the multi display. In this mode, you can play two different voices by pressing one key.
- Press the button again to turn Dual Voice off, press other button to select other Dual Voices.

SELECT A LEFT VOICE

There are 10 sounds available for the Left Voice function.



- Press one of the buttons, the Split arrow appear on the multi display. In this mode, you can play a sound together with the automatic accompaniment.
- Press the button again to turn Left Voice off, press other button to select other Left Voices.

SPLIT POINT

The default Left Sound Split point and Auto Accompaniment Split point are in the same position: the G1 key.

The Left Sound Split point can be set to any other key as follows:

- Using the SELECT button select the SPLIT function on the display and when in the SPLIT position hold the SELECT button pressed.
- Press now the key on the keyboard where the new Left Sound Split point is desired. Note that sometimes it is necessary to press the key more than one time to set the new Split point. This may depend by the status of the internal computer.
- The display shows the new Split point
- Release the SELECT button.

The Auto Accompaniment Split point can be set to any other key as follows:

- Using the SELECT button select the SINGLE or FINGERED function on the display and when in the SINGLE or FINGERED position hold the SELECT button pressed.
- Press now the key on the keyboard where the new Auto Accomp. Split point is desired. Note that sometimes it is necessary to press the key more than one time to set the new Split point. This may depend by the status of the internal computer.
- The display shows the new Split point
- Release the SELECT button.

The new Split Point is now set.

For standard use, when changing the Split point always set the Left Sound Split point and the Auto Accomp. Split point in the same position.

DRUM KITS AND EFFECTS

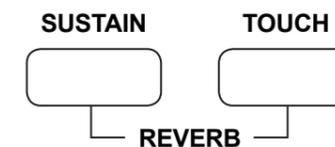
Your instrument has 8 different Standard Drum kits that can be played on the keyboard when selecting voice numbers, 150 through to 157:

150 Standard, 151 Room, 152 Power, 153 Electric, 154 Synth, 155 Jazz, 156 Brush, 157 Classic It also has 2 different Arabic Drum kits, 158 through to 159:

The Sound number 160 is the Sound Effects preset.

DIGITAL REVERB

To select the Reverb effect press [SUSTAIN]+[TOUCH] button at the same time, the REVERB effect will turn on/off.



Use the [+/-] buttons to select the Reverb types form: : Room 1, Room 2, Room 3, Hall 1, Hall 2, Plate, Delay, Pan Delay

TOUCH SENSITIVITY

Just like an acoustic piano, your instrument has a keyboard with velocity control. This means the level of the audio signal will be in proportion with the velocity of the key pressed. If you play soft you will have a quiet sound, while if you play very hard you will have a much louder sound.



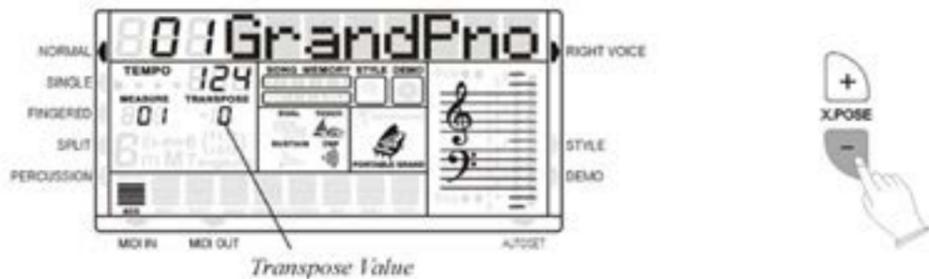
Press [TOUCH] button, you can turn ON/OFF the touch function. When the touch function is ON, the volume will be varied according to how hard you play on the keyboard.

SUSTAIN

Press SUSTAIN button so that its flag appears to turn Sustain ON. It can be used as a damper pedal. Turning Sustain on to sustain notes after the keys are released. Press SUSTAIN button again to turn sustain OFF.

TRANSPOSE

It is possible to Transpose the natural key (C) of your instrument up or down.



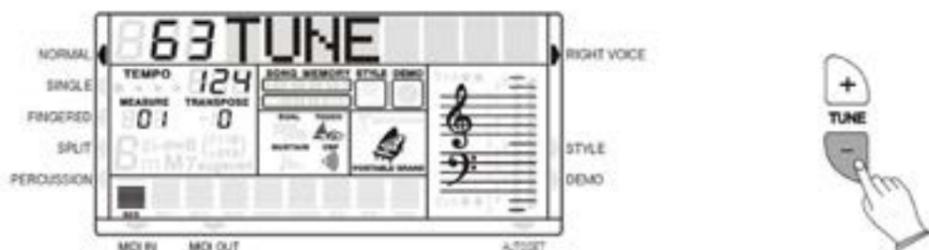
To change the key of the instrument use the TRANSPOSE [+] or [-] buttons as many time as indicated as C0 in the following table,

C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C
-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5	+6	+7	+8	+9	+10	+11	+12

- Press the Transpose [+] button to select number 4 to transpose the instrument into E key.
- Press the Transpose [-] button to select number 2 to transpose the instrument into A# key.
- Press both Transpose [-] [+] buttons to restore the C key.

TUNE

The TUNE feature enables the player to tune the pitch of the instrument to match other instruments.

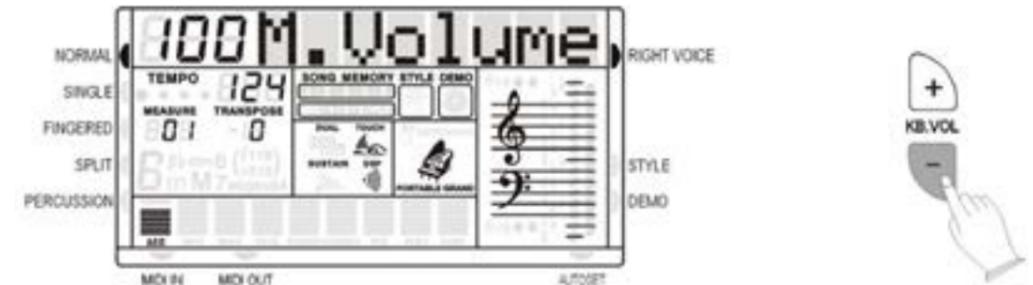


- Press the Tune [+] or [-] button to adjust the pitch.

- The display indicates all changes. The PITCH value on the display can be changed between -64 and +63.
- The normal pitch value (00) can be recalled by pressing both the two [Tune] buttons at the same time.

MAIN VOICE VOLUME

The volume of the MAIN VOICE can be controlled with the related volume buttons.



The volume range is from 00 (no sound) to 127 (maximum volume). Press the two buttons at the same time to restore the Volume default value at 100.

PITCH BEND

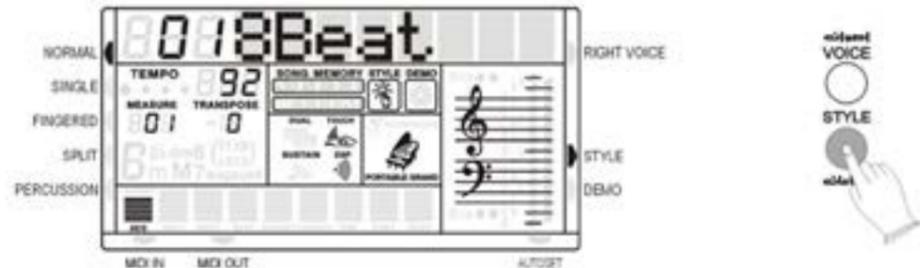
The PITCH BEND wheel is located on the left side of your keyboard and can be used to tune the pitch of the keyboard. By pushing the wheel upwards, the keyboard pitch will be increased. By pulling the wheel downwards the keyboard pitch will be decreased. Push the wheel to the top position for approximately 2 seconds. The LCD will display the pitch range. You can use the data wheel to set the pitch response: 1~12 semitones. When the power is turned ON, the default sensitivity is +/- 2 semitones.

AUTO ACCOMPANIMENT

Your instrument has 130 (01-130) accompaniment styles which can be used to provide fully-orchestrated Auto Accompaniment. When the Auto Accompaniment function is turned ON, the left part of the keyboard will be used to play automatic accompaniments with orchestrated chords and bass lines, the right part of the keyboard is available for normal playing.

SELECT A STYLE

Press the STYLE button to enter the style select function. The current style number and name will appear on the Display.



- Use the numeric-key pad [0]-[9] or the [+/-] buttons to set the desired style number.
- To select a style which number is between 1 and 99, for example 27 RAI, press the [+/-] buttons until the number 27 is selected on the display.
- To select the style 27 using the numeric key-pad buttons follow the instructions:
- press the number 2 button and then the number 7 to select the style.
 - the style number 27 RAI, is now selected
- To select a style which number is higher than 99, for example 124 Standard Waltz, press the [+/-] buttons until the number 124 is selected on the display.
- To select the style 124 using the numeric key-pad buttons follow the instructions:
- press the number 1 button and hold it until the number 1 followed by two lines (1 __) appears on the display
 - press than the number 2 and the number 4 buttons to select the style.
 - the style number 124 Standard Waltz, is now selected

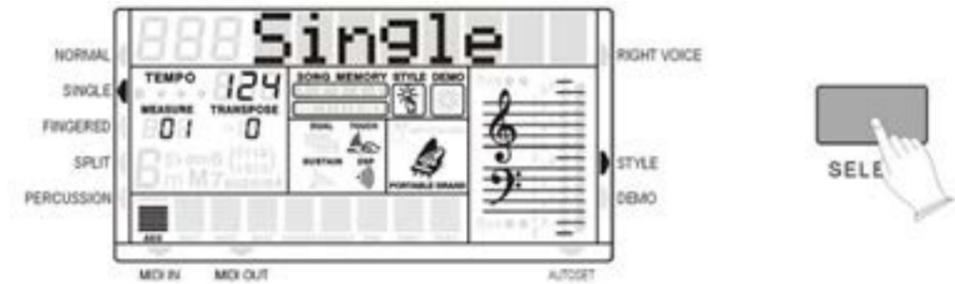
Here find the styles listed in Style Groups. Later in the manual is available a detailed Style list.

01 - 30	Arabic	78 - 82	Blues & Gospel
31 - 36	8 Beat	83 - 88	Country
37 - 42	16 Beat	89 - 95	Latin 1
43 - 49	Ballad	96 - 105	Latin 2
50 - 55	Dance	106 - 114	Ballroom
56 - 61	Disco	115 - 123	Traditional
62 - 70	Big Band	124 - 130	Waltz
71 - 77	Rock & Boogie		

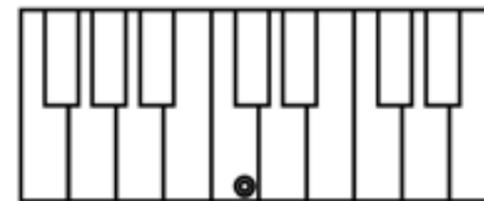
SINGLE FINGER MODE

The SINGLE FINGER Mode fingering makes it simple to produce beautifully orchestrated auto accompaniment using major , seventh , minor and minor-seventh chords by pressing a minimum number of keys.

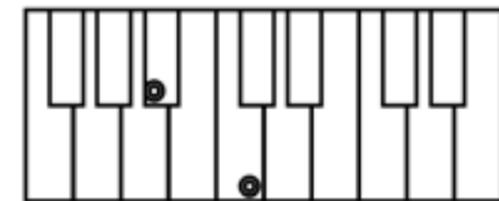
- Press the SELECT button one time to select SINGLE function in the display.



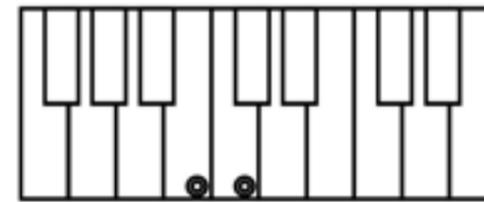
- See a sequence of C chords using SINGLE FINGER mode
 - C Major Press the key C.
 - C minor Press the key C + any black key to the left
 - C Seventh Press the key C + any white key to the left
 - C minor 7th Press the key C + any black + any white key to the left



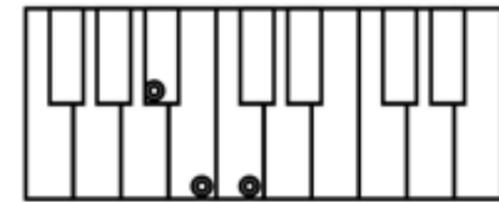
C chord - press C key



C minor - press C + any black key to left



C 7th - press C + any white key to left



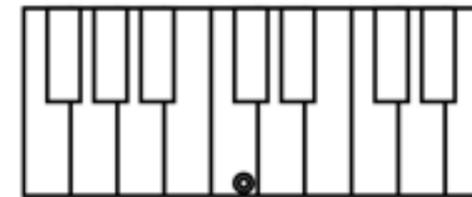
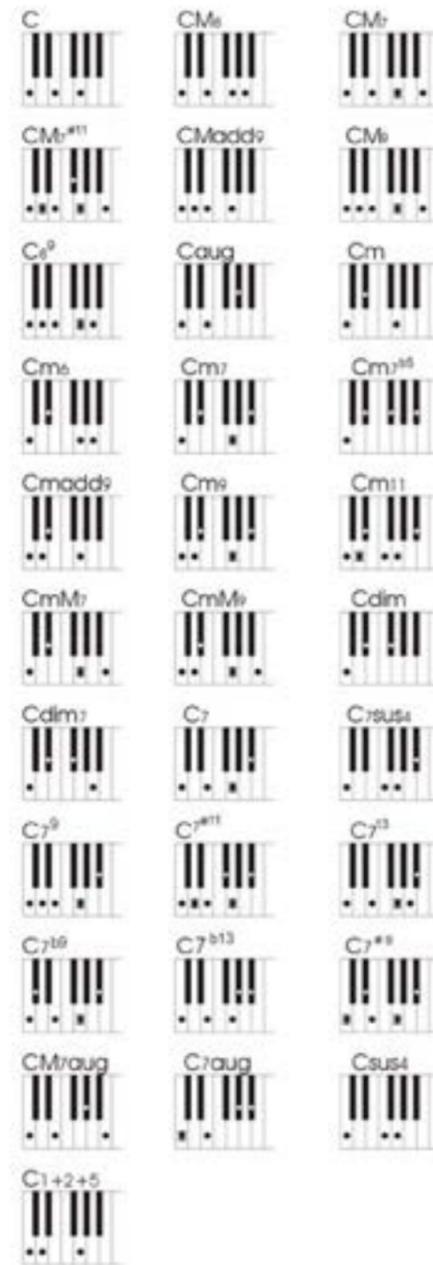
C minor 7th - press C + any black and any white to left

The Auto Accompaniment will continue playing even if you lift your fingers from the Auto Accompaniment keys. You only need to press the Auto Accompaniment keys when changing chords.

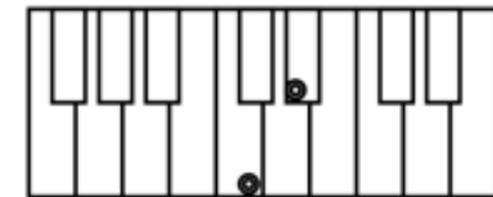
FINGERED

- Press the SELECT button to select FINGERED function in the display.
- Play the desired chords using the standard configurations with three or more fingers.
- The keyboard recognize the following chords:

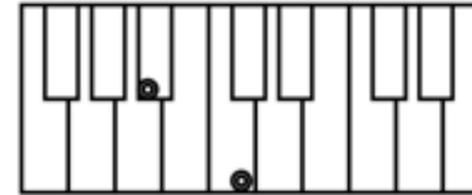
Name	Normal/Voiding	Chord (Q)
[M]	1-3-5	C
[6]	1-3-5-6	C6
[M7]	1-3-5-7	CM7
[M7#11]	1-2-3-#4-5-7	CM7#11
[Madd9]	1-2-3-5	CMadd9
[M9]	1-2-3-5-7	CM9
[6 9]	1-2-3-5-6	C6 9
[aug]	1-3-#5	Caug
[m]	1-b3-5	Cm
[m6]	1-b3-5-6	Cm6
[m7]	1-b3-5-7	Cm7
[m7b5]	1-b3-b5-7	Cm7b5
[madd9]	1-2-b3-5	Cmadd9
[m9]	1-2-b3-5-7	Cm9
[m11]	1-2-b3-4-5-7	Cm11
[mM7]	1-b3-5-7	CmM7
[mM9]	1-2-b3-5-7	CmM9
[dim]	1-b3-b5	Cdim
[dim7]	1-b3-b5-6	Cdim7
[7]	1-3-5-b7	C7
[7sus4]	1-4-5-b7	C7sus4
[7 9]	1-2-3-5-b7	C7 9
[7#11]	1-2-3-#4-5-b7	C7#11
[7 13]	1-3-5-6-b7	C7 13
[7b9]	1-b2-3-5-b7	C7 b9
[7b13]	1-3-5-b6-b7	C7 b13
[7#9]	(1)-#2-3-5-b7	C7#9
[M7aug]	1-3-#5-7	CM7aug
[7aug]	(1)-3-#5-b7	C7aug
[sus4]	1-4-5	Csus4
[1+2+5]	1-2-5	C1+2+5



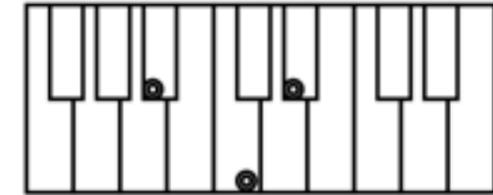
C chord - press C key



C minor - press C + 3rd key to right



C 7th - press C + 2nd key to left



C m 7th - press C + 2nd key to left and 3rd to right

The Auto Accompaniment will continue playing even if you lift your fingers from the keyboard. You only need to press the keys when changing chords.

AUTO ACCOMPANIMENT CONTROLS

Your instrument provides a range of accompaniment features: Start/Stop, Sync. Start, Intro, Main, Fill-In, Ending

START/STOP

The START/STOP button starts the selected accompaniment style immediately.



Select the Fingered or Single mode on the display to turn ACCOMPANIMENT on before starting the style.

The accompaniment will start with the rhythm drum sound when the START/STOP button is pressed, then the bass and chord parts will play as soon as the first note or chord is played on the accompaniment part of the keyboard.

STYLE SELECTION

A different accompaniment style can be selected at any time while the accompaniment is playing. The style number and name on the Message Display will change as soon as the selection is made, but the new style will start from the beginning of the next bar. The tempo will not change when the new style is running.

SYNCHRO START

Press the SYNCHRO-START button if you want the auto accompaniment to start when you play the first note or chord on the AUTO ACCOMPANIMENT section of the keyboard.



If you press the SYNCHRO-START button, the BEAT indicator dots on the display will flash at the current tempo.

Note that when in Fingered mode the keyboard will recognize the chords also played with a second different Single Finger system. This will help the players that are used to this second Single Finger system.

C Major Press the key C.

C minor Press the key C + the 3rd key to the right

C Seventh Press the key C + the 2nd key to the left

C Diminished Press the key C + the 3rd key to the right + 4th key to the left

INTRO/ENDING

If you press the Intro button before you start the rhythm, the normal rhythm pattern will be preceded by a special introduction (INTRO). If you press the Ending button when the rhythm is already running, the instrument plays a final variation (ENDING) and the style will stop automatically.



Any of your instrument accompaniment patterns can be started with an appropriate introduction by pressing the INTRO button directly. When the intro finishes playing, the accompaniment change to the main style.

If you press the SYNC-START button and then the INTRO button, the accompaniment will start from the introduction as soon as a chord is detected in the AUTO ACCOMPANIMENT section of the keyboard.

FILL-IN

The fill-in button let you add dynamic variations and breaks in the rhythm of the accompaniment, to make your performance sound even more professional.

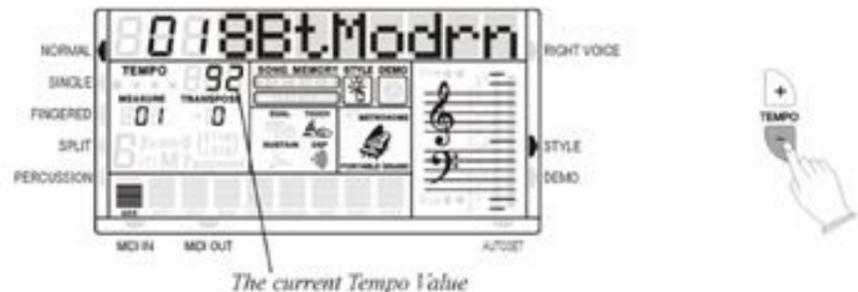
Simply press the FILL IN button as you play, and the fill-in plays automatically.

VARIATIONS

There are three different levels of accompaniment in the instrument. Variation 1 provides a simple basic arrangement for any kind of music. Variation 2 extra feeling to the accompaniment.

TEMPO

The [-TEMPO+] buttons can be used to control the tempo of the Auto Accompaniment section, the DEMO songs and the record/play back of a song recording.

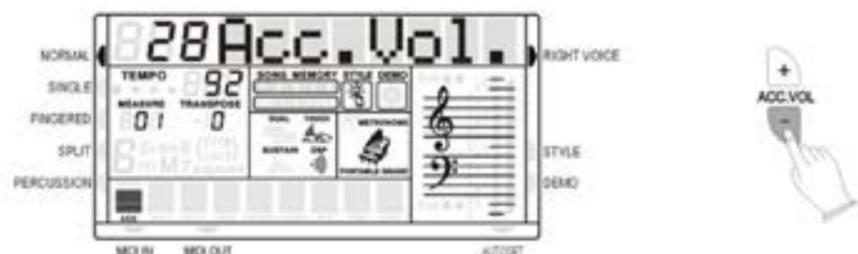


Press the [-TEMPO+] buttons to set the desired tempo value (20-280). The current tempo (beats per minute) will appear on the Message Display.

Press the [TEMPO+] and [TEMPO-] buttons simultaneously to restore the default tempo setting.

ACCOMPANIMENT VOLUME CONTROL

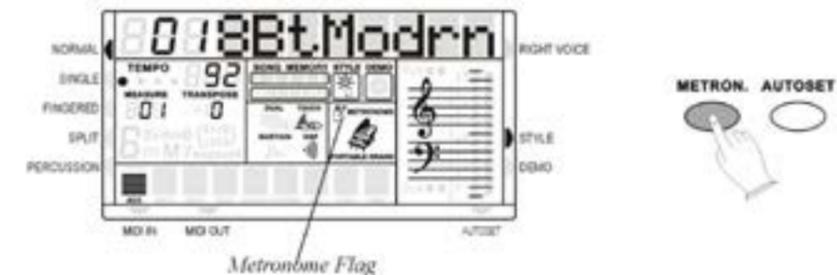
The [ACC+/-] buttons can be used to adjust the volume of the selected accompaniment.



Use the [ACC+/-] buttons to set the desired volume. The volume range is from 0 (no sound) to 31 (Max volume). The default volume value (28) can be recalled instantly by pressing both the [ACC+/-] buttons at the same time.

METRONOME CONTROL

The metronome feature is activate by pressing the METRONOME button.



When this is set to ON, the beat indicator flashes at the current tempo.

To select the metronome type (3/4, 4/4) it is necessary to select a related style:

Select a Waltz for the (3/4) , select a 8 Beat for (4/4). Use the Tempo buttons to control the Metronome speed.

AUTOMATIC SET UP

This function allows you to recall the best registration for each rhythm and when a style is selected and the AUTOMATIC SET-UP activated (the icon appears on the bottom right part of the display), a nice registration for both the left hand and right hand parts will be automatically selected.



The AUTOMATIC SET-UP will also select the optimum tempo for the style selected. An indicator illuminates in the Message Display when the system is activated. When the registration is changed with the AUTO SET UP activated, the instrument will accept the changes but the registration will not be changed in the internal memory.

A good way to start exploring the keyboard is to play using the AUTOMATIC SET-UP's for all the rhythms. By selecting the desired rhythm with the AUTOMATIC SET-UP system ON, you will hear 130 nice registrations. The AUTOMATIC SET UP system can be switched ON and OFF by pressing the AUTOSET button.

REGISTRATION MEMORY

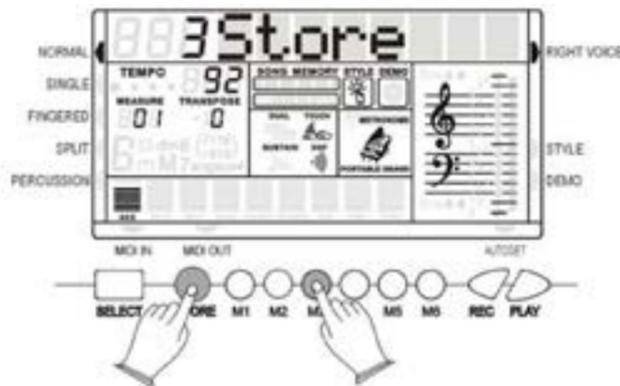
Your instrument REGISTRATION MEMORY can be used to store six sets of VOICE and AUTO ACCOMPANIMENT settings that can be recalled during you playing at the touch of a button. It is possible to reprogram the settings to suite your personal taste.

The new settings will be stored in the internal memory and remembered when the instrument is switched off.

It is also possible to store your favourite Arabic Scale settings in the 6 panel memories.

MEMORIZING THE SETTINGS

The panel settings can be stored to any one of the six REGISTRATION MEMORY position.



Prepare your favourite settings selecting the sounds and the style you like, balance the sounds and select the effects. Select also, if necessary, the desired Arabic Scale setting by selecting On the notes in the Arabic Scale Keypad.

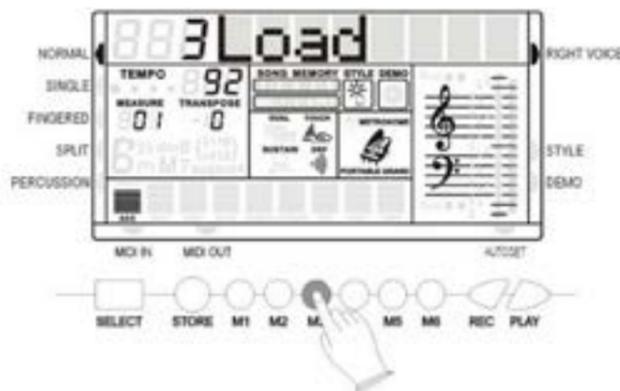
To store new settings in the memory positions [M1] - [M6]:

- Press and hold the [STORE] button.
- Press the Memory button [M1] - [M6] to store the new settings.
- The selection is confirmed when [1Store]-[6Store] will appear on the MULTI DISPLAY.

Please note that whenever you store a new registration in one of the REGISTRATION MEMORY position, all settings previously stored in that position will be erased and replaced by the new settings.

RECALLING THE SETTINGS

The settings stored to a REGISTRATION MEMORY can be recalled by simply pressing the appropriate button. The [01Load]-[06Load] will appear on the MULTI DISPLAY.



RECORDING FUNCTION

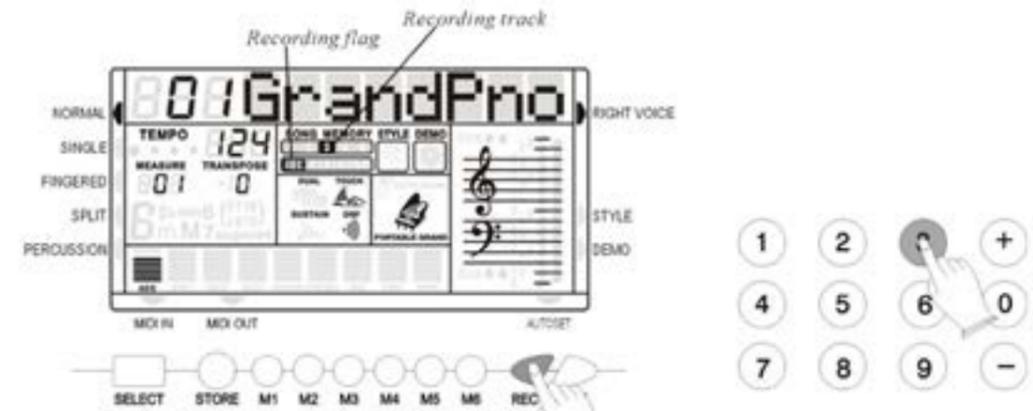
Your instrument allows you to record and playback what you have played on the keyboard.

Four melody tracks and one accompaniment track can be recorded separately and they can be addressed using the number [1] to [5] in the numeric key pad: nr. [1] is for the auto accompaniment and number [2] to [5] to address four separate melody tracks.

We strongly suggest to record first the Accompaniment track using your favourite style and Auto Accompaniment and afterwards the Melody track/s.

ACCOMPANIMENT TRACK RECORD

- Set the style and Fingered or Single mode.
- Press the [RECORD] button and number [1] button in the numeric key pad at the same time and its icon flash to indicate this track is ready. The beat point flash on the current tempo.
- Press a key on the left hand section on the keyboard to start the recording.
- The [START/STOP] button can start the recording also, but the bass and chord can not be started until the key is pressed on the keyboard.
- Press the [RECORD] button or the [ENDING] button to stop the recording.



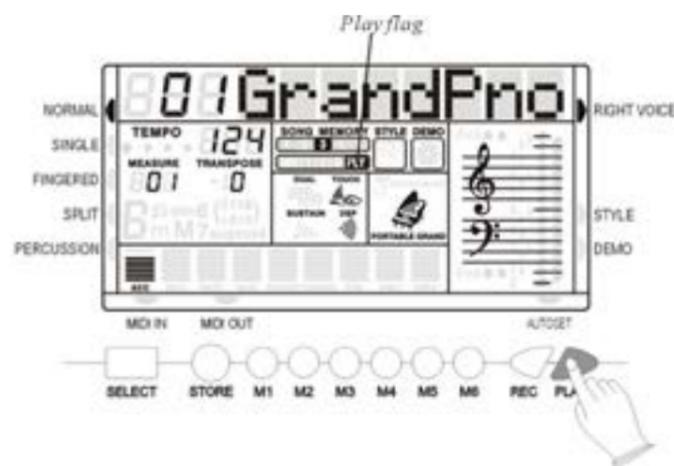
MELODY TRACK RECORD

- Select the desired sound for the melody.
- Press and hold the [RECORD] button and then press the number [2] - [5] button, the related track icon flashes to indicate its track is ready. Now the beat point flash at the current tempo. If the accompaniment track is already recorded, it will play when the recording is started.
- The recording is started once a key is pressed on the keyboard.
- Press this [RECORD] button again, the recording is end.

Note: If the memory is full, the recording will be stopped automatically.

PLAY

Press [PLAY] button, you can enjoy the song you have recorded. Now you can follow the song by playing the keyboard and change the tempo of the song.



Press and holding [PLAY] button and then press [1] - [5] number buttons, can be able to turn on or off that corresponding track.

Press [PLAY] button or all the song is played, the playing will be ended.

RESET

If it should be necessary to completely erase the internal RAM memory, a very simple reset feature is provided.

- 1 - Make sure that the instrument is switched off.
- 2 - Press and hold the [+] and [-] buttons
- 3 - Switch on the instrument holding the [+] and [-] buttons down.
- 4 - The display shows Reseting

Do not reset the instrument if is not necessary. All your information you have programmed will be automatically erased from the internal RAM memory. The factory set programs will be automatically restored.

MIDI

MIDI, the Musical Instrument Digital Interface, is a world-standard communication interface that allows MIDI-compatible musical instruments and equipment to share musical information and control one another.

This makes it possible to create "systems" of MIDI instruments and equipment that offer far greater versatility and control than is available with isolated instruments.

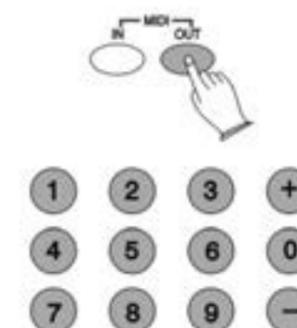
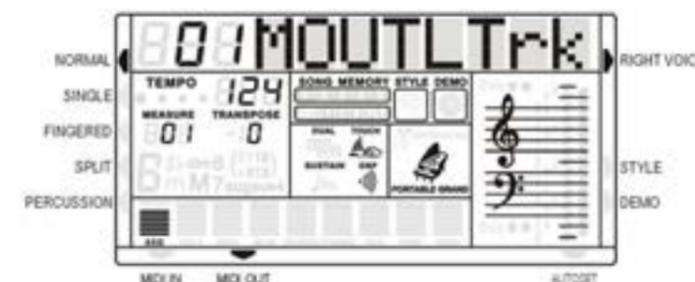


Your instrument MIDI IN connector receives MIDI data from an external MIDI device which can be used to control yours. The MIDI OUT connector transmits MIDI data generated by your instrument (e.g. Note and velocity data produced by playing the keyboard).

MIDI OUT

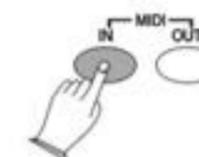
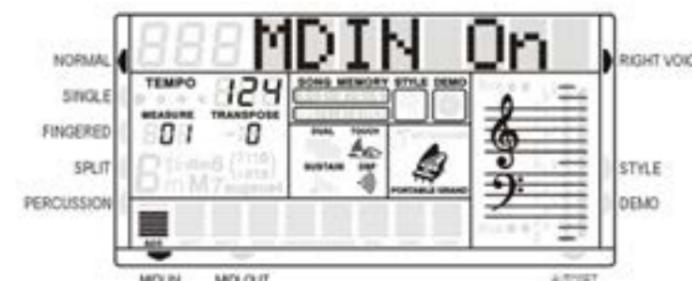
Use the [MIDI OUT] button to select:

- No MIDI Out, the display will indicate "MOUT OFF".
- Select the left-hand Midi Out channel, the display will indicate "MOUTLTrk". Use the numeric key-pad buttons or [+/-] buttons to select the channel.
- Select the right-hand Midi Out channel, the display will indicate "MOUTRTrk", then use the numeric key-pad buttons or [+/-] buttons to select the channel.



MIDI IN

Press [MIDI IN] button, you can control the Midi In on/off.



KP120A SOUND LIST

1	Grand Piano	51	Synth Strings 1	101	Brightness
2	Brigth Piano	52	Synth Strings 2	102	Goblins
3	Electric Grand	53	Choir Aahs	103	Echoes
4	Honky Tonk	54	Choir Oohs	104	Sci-Fi
5	El. Piano 1	55	Synth Voice	105	Sitar
6	El. Piano 2	56	Orchestral Hit	106	Banyo
7	Harpichord	57	Trumpet	107	Shamisen
8	Clavinet	58	Trombone	108	Koto
9	Celesta	59	Tuba	109	Kalimba
10	Glockenspiel	60	Muted Trumpet	110	Bag Pipe
11	Music Box	61	French Horn	111	Fiddle
12	Vibraphone	62	Brass Section	112	Shanai
13	Marimba	63	Synth Brass 1	113	Thinkle Bell
14	Xylophone	64	Synth Brass 2	114	Agogo
15	Tubolar Bells	65	Soprano Sax	115	Steel Drum
16	Dulcimer	66	Alto Sax	116	Wood Block
17	Drawbar Organ	67	Tenore Sax	117	Taiko Drum
18	Percussive Org.	68	Baritone Sax	118	Melodic Tom
19	Rock Organ	69	Oboe	119	Synth Drum
20	Church Organ	70	English Horn	120	Reverse Cymbal
21	Reed Organ	71	Basson	121	Guit. Fret Noise
22	Accordion	72	Clarinet	122	Breath Noise
23	Harmonica	73	Piccolo	123	Seashore
24	Tango Accord.	74	Flute	124	Birds
25	Nylon Guitar	75	Recorder	125	Telephone
26	Steel Guitar	76	Pan Flute	126	Helicopter
27	Jazz Guitar	77	Blown Bottle	127	Applause
28	Clean Guitar	78	Shakuhachi	128	Gunshot
29	Muted Guitar	79	Whistle	129	KANOUN
30	Overdriven Guit.	80	Ocarina	130	KANOUN TREM.
34	Distortion Guitar	81	Square	131	KANOUN METAL
32	Guitar Harmaon.	82	Sawthooth	132	KANOUN.MET.TR.
33	Acoustic Guitar	83	Calliope	133	LOUD
34	Finger Bass	84	Chiff	134	LOUD TREMOLO
35	Pick Bass	85	Charang	135	NAY
36	Fretless Bass	86	Voice	136	KAWALA
37	Slap Bass 1	87	Fifths	137	RABABA
38	Slapp Bass 2	88	Bass+Lead	138	ZORNA
39	Synth Bass 1	89	New Age	139	MIZMAR
40	Synth Bass 2	90	Warm Pad	140	BOUZOUK
41	Violin	91	Polisynth	141	AC. SAZ
42	Viola	92	Choir	142	EL. SAZ
43	Cello	93	Bowed Pad	143	AR. ACCORDEON
44	Contrabass	94	Metallic Pad	144	MIJWEZ
45	Tremolo Strings	95	Halo Pad	145	MEZWED
46	Pizzicato Strings	96	Sweep Pad	146	ZOKRA
47	Orchestral Harp	97	Rain	147	GUASBA
48	Timpani	98	Sound Track	148	AWTAR
49	String Ensem. 1	99	Crystal	149	OR. ORGAN
50	String Ensem. 2	100	Atmospere		

	KP120A Style L ist				
	ARABIC		DANCE		LATIN 2
01	SAIDI	50	Swing House	96	Rhumba 1
02	FALLEHI	51	Club Latin	97	Rhumba 2
03	WEHDA KABIRA	52	UK Pop	98	Beguine
04	WEHDA SAGHIRA	53	HH Groove	99	Disco Mambo
05	MAKSOUM	54	Club Dance	100	Cha Cha
06	MAKSOUM.S	55	Techno Party	101	Bolero
07	KATAKOFTI		DISCO	102	Meneito
08	BALADI	56	70' Disco	103	Bamba
09	MALFOUF	57	Philly	104	Gipsy
10	MASMOUDI KABIR	58	Latin Disco	105	Reggae
11	WALTZ ,M	59	Disco		BALLROOM
12	ZAFFAH	60	Pick Up	106	Tango 1
13	AYOUB	61	Soul	107	Tango 2
14	IBRAHIMI		BIG BAND & SWING	108	Pasodoble
15	10/8 SAMAI	62	Big Band Ballad	109	Charleston
16	KHALIJI	63	Big Band Fast	110	Slow Fox
17	ADNI	64	Show Ballad	111	Slow Ballad
18	RHUMBA.M	65	Jazz Club	112	Fox Trot
19	RAI	66	Piano Bar	113	Quick Step
20	FAZZENI 1	67	Rag Time	114	Easy Quick
21	FAZZENI 2	68	Dixie 1		TRADITIONAL
22	6/8GHITA	69	Dixie 2	115	March
23	ZABY	70	Hully Gully	116	March 6/8
24	SALLEMI		ROCK & BOOGIE	117	Tarantella
25	JERBI	71	Rock	118	Polka
26	BONAWARA	72	Rock & Roll	119	Party Polka
27	BOUSIGUA	73	Jazz Rock	120	Ober Polka
28	ALLEJI	74	Boogie	121	Reel 6/8
29	WAHRANI	75	Jive	122	Hawaiian
30	HADHRA	76	Shuffle	123	Slow 6/8
	8 BEAT	77	Twist		WALTZ
31	8 Beat 1		BLUES & GOSPEL	124	Standard Waltz
32	8 Beat 2	78	Bluesy	125	Slow Waltz
33	8 Beat 3	79	Blues	126	Jazz Waltz
34	Folk Pop	80	Rhythm & Blues	127	Musette
35	8 Beat Modern	81	Bluesman	128	Mazurka
36	60's 8 Beat	82	Gospel	129	Traditional Waltz
	16 BEAT		COUNTRY	130	Viennese
37	16 Beat 1	83	Country		
38	16 Beat 2	84	Slow Country		
39	16 Beat 3	85	Country Waltz		
40	Pop Shuffle	86	Country Rock 1		
41	Guitar Pop	87	Bluegrass		
42	Kool Shuffle	88	70' Shuffle		
	BALLAD		LATIN 1		
43	Nice & Easy	89	Bossa		
44	Soft Ballad	90	Slow Bossa		
45	New Ballad	91	Latin Jazz 1		
46	Love Song	92	Latin Jazz 2		
47	Pop Ballad	93	Samba 1		
48	Slow Rock 1	94	Samba Pop		
49	Slow Rock 2	95	Samba 2		

Oriental Percussions		
	Arab Mix	Arab Percussions
24 - C1	Bass Drumm03	
25 - C#1	Snare07	Zarb 1
26 - D1	Snare01	Zarb 2
27 - D#1	Clap3	Zarb 3
28 - E1	Snare02	Zarb 4
29 - F1	Tom01	Zarb 5
30 - F#1	Closed Hihat01	Dadol1
31 - G1	Tom02	Zarb 6
32 - G#1	Closed Hihat02	Dadol2
33 - A1	Tom03	Zarb 7
34 - A#1	Open Hihat01	Dadol4
35 - B1	Tom04	Zarb8roll
36 - C2	Tom05	Clap1
37 - C#2	Crash Cymbal04	Zaghroua1
38 - D2	Bf Dom	Clap2
39 - D#2	Bf Roll	Zaghroua2
40 - E2	Bf Link	Clap3
41 - F2	Bf Tak	Tabel Tak
42 - F#2	Bf Saq	Saghat1
43 - G2	Dw Dom	Tabel Dom
44 - G#2	Dw Roll	Saghat2
45 - A2	Dw Link1	Tabel Tak2
46 - A#2	Dw Link2	Saghat3
47 - B2	Dw Tak	Rek1
48 - C3	Df Dom	Rek2
49 - C#3	Df Roll	Rek3
50 - D3	Df Link	Rek4
51 - D#3	Df Tak	Rek5
52 - E3	Df Saq	Rek6
53 - F3	Davol1	Rek7
54 - F#3	Davol2	Rek8
55 - G3	Davol3	Rek9roll
56 - G#3	Bandirwdom	Rek10
57 - A3	Bandirwess	Rek11
58 - A#3	Bandirwtak1	Rek12
59 - B3	Bandirwtak2	Rek13
60 - C4	Saghat Open	Rek14
61 - C#4	Saghatclose	Rek15
62 - D4	Saghatclose 2	Rek16
63 - D#4	Saghatclose 3	Rek17
64 - E4	Saghatclose 4	Rek18
65 - F4	Khj Kit F5	Dof1
66 - F#4	Khj Kit F#5	Dof2
67 - G4	Khj Kit G5	Dof3
68 - G#4	Khj Kit G#5	Dof4
69 - A4	Khj Kit A2	Dof5
70 - A#4	Khj Kit A#5	Dof6
71 - B4	Khj Kit B5	Dohola1
72 - C5	Khj Kit C6	Dohola2
73 - C#5	Khj Kit C#6	Dohola3
74 - D5	Khj Kit D6	Dohola4
75 - D#5	Khj Kit D#6	Dohola5
76 - E5	Khj Kit E6	Tabla1rak
77 - F5	Khj Kit F6	Tabla2dom
78 - F#5	Khj Kit F#6	Tabla3roll
79 - G5	Khj Kit G6	Tabla4rak
80 - G#5	Khj Kit G#6	Tabla5rak
81 - A5	Khj Kit A6	Tabla6rak
82 - A#5	Khj Kit A#6	Tabla7rak
83 - B5	Khj Kit B6	Tabla8rak
84 - C6	Khj Kit C7	Tabla9rak
85 - C#6	Zaghroua Tun	Tabla10rak
86 - D6		Tabla11mute
87 - D#6		Tabla12sak
88 - E6		Tabla13mute
89 - F6		Tabla14rak
90 - F#6		Tabla15rak
91 - G6		Tabla16rak
92 - G#6		
93 - A6		
94 - A#6		
95 - B6		
96 - C7		
97 - C#7		

GM Drum Kit - a -					
	STANDARD PC=1	ROOM PC=9	POWER PC=17	ELECTRIC PC=25	TR-808 PC=26
24 - C1	Fingers Snap Left	Fingers Snap Left	Fingers Snap Left	Fingers Snap Left	Fingers Snap Left
25 - C#1	Finger Snap Right	Finger Snap Right	Finger Snap Right	Finger Snap Right	Finger Snap Right
26 - D1	Snare Roll	Snare Roll	Snare Roll	Snare Roll	Snare Roll
27 - D#1	High Q	High Q	High Q	High Q	High Q
28 - E1	Slap	Slap	Slap	Slap	Slap
29 - F1	Scratch Push	Scratch Push	Scratch Push	Scratch Push	Scratch Push
30 - F#1	Scratch Pull	Scratch Pull	Scratch Pull	Scratch Pull	Scratch Pull
31 - G1	Sticks	Sticks	Sticks	Sticks	Sticks
32 - G#1	Square Click	Square Click	Square Click	Square Click	Square Click
33 - A1	Metron. Click	Metron. Click	Metron. Click	Metron. Click	Metron. Click
34 - A#1	Metron. Bell	Metron. Bell	Metron. Bell	Metron. Bell	Metron. Bell
35 - B1	Bass Drum 2	Bass Drum 2	Bass Drum 2	EI. Bass Drum 2	808 Bass Drum 2
36 - C2	Bass Drum 1	Bass Drum 1	Bass Drum 1	EI. Bass Drum 1	808. Bass Drum 1
37 - C#2	Side Stick	Side Stick	Side Stick	Side Stick	Side Stick
38 - D2	Snare Drum 1	Snare Drum 1	Gated Snare	EI. Snare Drum 1	808 Snare Drum
39 - D#2	Hand Clap	Hand Clap	Hand Clap	Hand Clap	Hand Clap
40 - E2	Snare Drum 2	Snare Drum 2	Snare Drum 2	Gated Snare	Snare Drum 2
41 - F2	Low Floor Tom	Room Low Tom 2	Room Low Tom 2	EI. Low Tom 2	808 Low Tom 2
42 - F#2	Close Hi-Hat	Close Hi-Hat	Close Hi-Hat	Close Hi-Hat	808 Close Hi-Hat
43 - G2	H. Floor Tom	Room Low Tom 1	Room Low Tom 1	EI. Low Tom 1	808 Low Tom 1
44 - G#2	Pedal Hi-Hat	Pedal Hi-Hat	Pedal Hi-Hat	Pedal Hi-Hat	808 Pedal Hi-Hat
45 - A2	Low Tom	Room Mid Tom 2	Room Mid Tom 2	EI. Mid Tom 2	808 Mid Tom 2
46 - A#2	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	808 Open Hi-Hat
47 - B2	Low Mid Tom	Room Mid Tom 1	Room Mid Tom 1	EI. Mid Tom 1	808 Mid Tom 1
48 - C3	Hi Mid Tom	Room Hi Tom 2	Room Hi Tom 2	EI. Hi Tom 2	808 Hi Tom 2
49 - C#3	Crash Cymbal1	Crash Cymbal1	Crash Cymbal1	Crash Cymbal1	808 Crash Cymbal1
50 - D3	High Tom	Room Hi Tom 1	Room Hi Tom 1	EI. Hi Tom 1	808 Hi Tom 1
51 - D#3	Ride Cymbal 1	Ride Cymbal 1	Ride Cymbal 1	Ride Cymbal 1	Ride Cymbal 1
52 - E3	Chinese Cymbal	Chinese Cymbal	Chinese Cymbal	Reverse Cymbal	Chinese Cymbal
53 - F3	Ride Bell	Ride Bell	Ride Bell	Ride Bell	Ride Bell
54 - F#3	Tambourine	Tambourine	Tambourine	Tambourine	Tambourine
55 - G3	Splash Cymbal	Splash Cymbal	Splash Cymbal	Splash Cymbal	Splash Cymbal
56 - G#3	Cowbell	Cowbell	Cowbell	Cowbell	808 Cow bell
57 - A3	Crash Cymbal2	Crash Cymbal2	Crash Cymbal2	Crash Cymbal2	Crash Cymbal2
58 - A#3	Vibraslap	Vibraslap	Vibraslap	Vibraslap	Vibraslap
59 - B3	Ride Cymbal 2	Ride Cymbal 2	Ride Cymbal 2	Ride Cymbal 2	Ride Cymbal 2
60 - C4	Hi Bongo	Hi Bongo	Hi Bongo	Hi Bongo	Hi Bongo
61 - C#4	Low Bongo	Low Bongo	Low Bongo	Low Bongo	Low Bongo
62 - D4	Mute Hi Conga	Mute Hi Conga	Mute Hi Conga	Mute Hi Conga	808 Mute Hi Conga
63 - D#4	Open Hi Conga	Open Hi Conga	Open Hi Conga	Open Hi Conga	808 Open Hi Conga
64 - E4	Conga Low	Conga Low	Conga Low	Conga Low	808 Low Conga
65 - F4	High Timbale	High Timbale	High Timbale	High Timbale	High Timbale
66 - F#4	Low Timbale	Low Timbale	Low Timbale	Low Timbale	Low Timbale
67 - G4	High Agogo	High Agogo	High Agogo	High Agogo	High Agogo
68 - G#4	Low Agogo	Low Agogo	Low Agogo	Low Agogo	Low Agogo
69 - A4	Cabasa	Cabasa	Cabasa	Cabasa	Cabasa
70 - A#4	Maracas	Maracas	Maracas	Maracas	808 Maracas
71 - B4	Short Whistle	Short Whistle	Short Whistle	Short Whistle	Short Whistle
72 - C5	Long Whistle	Long Whistle	Long Whistle	Long Whistle	Long Whistle
73 - C#5	Short Guiro	Short Guiro	Short Guiro	Short Guiro	Short Guiro
74 - D5	Long Guiro	Long Guiro	Long Guiro	Long Guiro	Long Guiro
75 - D#5	Claves	Claves	Claves	Claves	808 Claves
76 - E5	Hi Woodblok	Hi Woodblok	Hi Woodblok	Hi Woodblok	Hi Woodblok
77 - F5	Low Woodblok	Low Woodblok	Low Woodblok	Low Woodblok	Low Woodblok
78 - F#5	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica
79 - G5	Open Cuica	Open Cuica	Open Cuica	Open Cuica	Open Cuica
80 - G#5	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle
81 - A5	Open Triangle	Open Triangle	Open Triangle	Open Triangle	Open Triangle
82 - A#5	Shaker	Shaker	Shaker	Shaker	Shaker
83 - B5	Jingle Bell	Jingle Bell	Jingle Bell	Jingle Bell	Jingle Bell
84 - C6	Bell Tree	Bell Tree	Bell Tree	Bell Tree	Bell Tree
85 - C#6	Castanets	Castanets	Castanets	Castanets	Castanets
86 - D6	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo
87 - D#6	Open Surdo	Open Surdo	Open Surdo	Open Surdo	Open Surdo

GM Drum Kit - b -				
	JAZZ PC=33	BRUSH PC=41	ORCHES. PC=49	SOUND FX PC=57
24 - C1	Fingers Snap Left	Fingers Snap Left	Fingers Snap Left	xxxxxxxxxxxx
25 - C#1	Finger Snap Right	Finger Snap Right	Finger Snap Right	xxxxxxxxxxxx
26 - D1	Snare Roll	Snare Roll	Snare Roll	xxxxxxxxxxxx
27 - D#1	High Q	High Q	Closed Hi-hat	xxxxxxxxxxxx
28 - E1	Slap	Slap	Pedal Hi-Hat	xxxxxxxxxxxx
29 - F1	Scratch Push	Scratch Push	Open Hi-Hat	xxxxxxxxxxxx
30 - F#1	Scratch Pull	Scratch Pull	Ride Cymbal	xxxxxxxxxxxx
31 - G1	Sticks	Sticks	Sticks	xxxxxxxxxxxx
32 - G#1	Square Click	Square Click	Square Click	xxxxxxxxxxxx
33 - A1	Metron. Click	Metron. Click	Metron. Click	xxxxxxxxxxxx
34 - A#1	Metron. Bell	Metron. Bell	Metron. Bell	xxxxxxxxxxxx
35 - B1	Bass Drum 2	Bass Drum 2	Bass Drum 2	xxxxxxxxxxxx
36 - C2	Bass Drum 1	Bass Drum 1	Bass Drum 1	xxxxxxxxxxxx
37 - C#2	Side Stick	Side Stick	Side Stick	xxxxxxxxxxxx
38 - D2	Jazz Snare 2	Brush Tap	Concert SD	xxxxxxxxxxxx
39 - D#2	Hand Clap	Brush Slap	Castanets	High Q
40 - E2	Jazz Snare 1	Bush Swirl	Concert SD	Slap
41 - F2	Low Floor Tom	Low Floor Tom	Timpani F	Scratch Push
42 - F#2	Close Hi-Hat	Close Hi-Hat	Timpani F#	Scratch Pull
43 - G2	H. Floor Tom	H. Floor Tom	Timpani G	Sticks
44 - G#2	Pedal Hi-Hat	Pedal Hi-Hat	Timpani G#	Square Click
45 - A2	Low Tom	Low Tom	Timpani A	Metronome Click
46 - A#2	Open Hi-Hat	Open Hi-Hat	Timpani A#	Metronome Bell
47 - B2	Low Mid Tom	Low Mid Tom	Timpani B	Guitar Slide
48 - C3	Hi Mid Tom	Hi Mid Tom	Timpani C	Guitar Cut Noise 1
49 - C#3	Crash Cymbal1	Crash Cymbal1	Timpani C#	Guitar Cut Noise 2
50 - D3	High Tom	High Tom	Timpani D	Double Bass Slap
51 - D#3	Ride Cymbal 1	Ride Cymbal 1	Timpani D#	Key Click
52 - E3	Chinese Cymbal	Chinese Cymbal	Timpani E	Laughing
53 - F3	Ride Bell	Ride Bell	Timpani F	Screaming
54 - F#3	Tambourine	Tambourine		Punch
55 - G3	Splash Cymbal	Splash Cymbal		Heart Beat
56 - G#3	Cowbell	Cowbell		Foot Step 1
57 - A3	Crash Cymbal2	Crash Cymbal2	Concert Cymb. 2	Foot Step 2
58 - A#3	Vibraslap	Vibraslap		Applause
59 - B3	Ride Cymbal 2	Ride Cymbal 2	Concert Cymb. 1	Door Creaking
60 - C4	Hi Bongo	Hi Bongo	Hi Bongo	Door Closing
61 - C#4	Low Bongo	Low Bongo	Low Bongo	Scratch
62 - D4	Mute Hi Conga	Mute Hi Conga	Mute Hi Conga	Wind Chime
63 - D#4	Open Hi Conga	Open Hi Conga	Open Hi Conga	Car Start
64 - E4	Conga Low	Conga Low	Conga Low	Car Breaking
65 - F4	High Timbale	High Timbale	High Timbale	Carr Pass
66 - F#4	Low Timbale	Low Timbale	Low Timbale	Car Crash
67 - G4	High Agogo	High Agogo	High Agogo	Police
68 - G#4	Low Agogo	Low Agogo	Low Agogo	Train
69 - A4	Cabasa	Cabasa	Cabasa	Jet
70 - A#4	Maracas	Maracas	Maracas	Helicopter
71 - B4	Short Whistle	Short Whistle	Short Whistle	Starship
72 - C5	Long Whistle	Long Whistle	Long Whistle	Gun Shot
73 - C#5	Short Guiro	Short Guiro	Short Guiro	Machine Gun
74 - D5	Long Guiro	Long Guiro	Long Guiro	Laser
75 - D#5	Claves	Claves	Claves	Explosion
76 - E5	Hi Woodblok	Hi Woodblok	Hi Woodblok	Dog
77 - F5	Low Woodblok	Low Woodblok	Low Woodblok	Horse
78 - F#5	Mute Cuica	Mute Cuica	Mute Cuica	Birds
79 - G5	Open Quica	Open Quica	Open Quica	Rain
80 - G#5	Mute Triangle	Mute Triangle	Mute Triangle	Thunder
81 - A5	Open Triangle	Open Triangle	Open Triangle	Wind
82 - A#5	Shaker	Shaker	Shaker	Seashore
83 - B5	Jingle Bell	Jingle Bell	Jingle Bell	Bubble
84 - C6	Bell Tree	Bell Tree	Bell Tree	Yeah
85 - C#6	Castanets	Castanets	Castanets	xxxxxxxxxxxx
86 - D6	Mute Surdo	Mute Surdo	Mute Surdo	xxxxxxxxxxxx
87 - D#6	Open Surdo	Open Surdo	Open Surdo	xxxxxxxxxxxx
88 - E6			Applause	

KP120A Midi Chart

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

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

*1: Registered parameter number:

- #0 : Pitch sensivity
- #1 : Fine tuning in cents
- #2 : Coarse tuning in half-tones

*2: Keyboard midi out:

- Main Voice Default channel 1
- Split Voice Default channel 2
- Dual Voice Default channel 3
- Percussion Default channel 10
- Main Voice,Split Voice,Percussion Voice Channel Can be Changed to 1-16CH

NOTE



NOTE

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