

Musical Instruments

KX 10

Portable Keyboard

Owner's Manual

SAFETY PRECAUTIONS AND INSTRUCTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION:TO REDUCE THE RISK OF ELECTRIC SHOCK, DO ONT REMOVE COVER. NO USER SERVICEABLE PARTS INSLDE. REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING

Make sure that the voltage set is suitable for the instrument (the voltage is indicated next to the power inlet).

When using electric products, always follow basic precautions, including the following:

- 1 Read all of these instructions before using the product.
- 2 To reduce the risk of injury, close supervision is necessary when the product is used near children.
- 3 Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, in a wet basement, near a swimming pool, or the like.
- 4 This product, either alone or in combination with an amplifier and headphones, or speakers may be capable of producing sound levels that could cause permanent hearing loss Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss, or ringing in your ears, you should consult an audiologist.
- 5 The product should be located so that its location, or position, does not interfere with proper ventilation.
- This product should only be located away from heat sources such as radiators, heat registers, and other products that cause heat.
- 7 The product should be connected only to the type of power supply described in the operating instructions, or as marked on the product.
- 8 This product may be equipped with a polarised plug. This is a safety feature. If you are unable to insert the plug into the outlet, c ontact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.
- 9 The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time When re-plugging unit, turn on the instrument and leave on for 3-5 hours to recharge internal battery. The battery may need to be replaced after two or three years of use.
- 10 Care should be taken so that objects do not fall, and liquids are not spilled, into the cabinet through openings
- 11 The product should be serviced by qualified personnel when:
 - a The power-supply cord or the plug has been damaged; or
 - b Objects have fallen, or liquid has been spilled, into the product or
 - c The product has been exposed to rain or
 - d The product does not appear to operate normally, or exhibits a marked change in performance, or
 - e The product has been dropped, or the cabinet damaged
- 12 Do not attempt to service the product beyond that described in the maintenance instructions. All other servicing should be referred to qualified service personnel.

GROUNDING INSTRUCTIONS

This product must be grounded (earthed). In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with the local codes and regulations.

DANGER

Do not modify the plug provided with the product - if it will not fit - have a proper outlet installed by a qualified electrician.

TEMPO / VALUE DISPLAY

The messages contained in the Display may not always match the display pages They are merely examples of the many features of the product.

DISCLAIMER

The information contained in this manual has been very carefully revised. Due to the constant effort to improve the product, the product specifications might differ to those in the manual. The specifications are subject to modification without prior notice.

TAKING CARE OF YOUR INSTRUMENT

Your instrument is a fine instrument and deserves careful treatment.

Follow carefully the next few points, to keep it at it's best for many years.

- Never open the case and touch the internal circuits.
- Always switch the power Off after use.
- Use a cloth or a damp sponge. If the dirt is particularly persistent, use a neutral detergent to remove it. Never use solvents or alcohol.
- Do not place your instrument near electric motors, neon or fluorescent lamps as these may generate disturbances.
- In most cases you just need to change the position of the instrument to avoid interference.
- Keep your instrument away from dusty environments, high humidity, and high temperatures.
- Do not use on the same AC outlet with electrical appliances, neon lights or variable lighting system.
- Before turning on the instrument, make sure that any external amplifier and speaker system that you have connected to your instrument are turned off.
- Computer controlled instruments can be interrupted by spikes, surges and dropouts on the power line. If your instrument stops working because of a power line disturbance, switch it off for a few seconds and then switch it on again.
- Never disconnect the power cable without turning the power switch off.

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GETTING STARTED

PREPARATION

This section contains information about setting up your instrument and preparing to play. Be sure to go through this section carefully before using this instrument.

POWER SUPPLY

Plug the DC output cable from the power adapter into DC IN jack in the rear panel of your instrument, then plug the AC cable of your power adapter into a convenient wall AC power socket.

- 1. Turn on the instrument by pressing the POWER ON/OFF switch located in the back panel.
- 2. Set the MASTER VOLUME to the desired level. The MASTER VOLUME controls the overall volume for the entire instrument.

USING HEADPHONES OR AN EXTERNAL SOUND SYSTEM

A standard stereo headphone can be plugged into the PHONES socket for private practice or late-night playing. The internal speaker system is automatically switched off, when the headphone is plugged into the PHONE socket.

The LINE OUT (Left and Right) sockets can be used to deliver the output of the sound to an external amplifier, stereo sound system, mixing console or tape recorder.

Double Pedal (Optional)

The KX 10 can be used with a Double Programmable pedal.



Connect it to the Pedal Input (SUSTAIN in the panel). It is now necessary to program the double pedal with the desired functions:

SUSTAIN

It has the same function as the "sustain" pedal on the piano. It provides sustain and lets the sound slowly decay after the keys have been released.

START/STOP

It controls the Start or the Stop function of the style section.

FILL 1

The Fill 1 will select Variation 1. The fill-in buttons let you add dynamic variations and breaks in the rhythm to make your performance sound even more profession al.

FILL 2

The Fill 2 will select Variation 2. The fill-in will play when selected as long as one of the fill-in buttons is pressed.

FILLS

This feature allow to play Fill 1 and Fill 2 alternatively.

EMPTY

No functions.

To program the pedals follow these procedures:

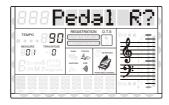
- Press the [FUNCTION] button a few times to select Pedal L on the display:



- Press [ENTER] button to confirm the function. The display indicates the current status.
- Use the [+/-] buttons or the Data Wheel to select : Sustain, Start Stop, Fill 1, Fill 2, Fills, Empty.
- Press the [FUNCTION] button a few times to select Pedal L on the display:



- Use the [+/-] buttons or the Data Wheel to select Pedal Right



- Press [ENTER] button to confirm the function. The display indicates the current status.
- Use the [+/-] buttons or the Data Wheel to select: Sustain, Start Stop, Fill 1, Fill 2, Fills, Empty.

The display will return to the normal display mode and the Pedal Mode is now set.

VOLUME PEDAL

The optional ORLA volume pedal can be requested at any time. It is possible however to customize the keyboard to use most of the available volume pedals to be compatible with the instrument. Most of them, maybe not all of them.



Insert the volume pedal jack plug in the socket in the back of the instrument (FOOT VOLUME in the panel).

To program the volume pedal parameters follow these procedures:

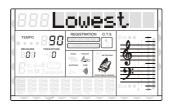
- Press the [FUNCTION] button a few times to select VolLock on the display:



- Use the [+/-] buttons or the Data Wheel to select VolAuto on the display



- Press [ENTER] button to confirm the function. The display indicates **Lowest**. This is to set the pedal volume value at the lowest volume level.



Move the pedal to lowest volume position while the display indicates Lowest. The display will automatically go to normal mode and the lowest value is set.

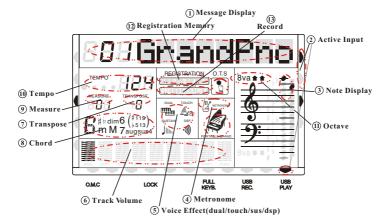
 Press the [ENTER] button again to display the Highest page, Move the pedal to highest volume position while the display indicates Highest.



The display will automatically go to normal mode and the highest value is set.

PANEL DISPLAY INDICATIONS

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



- (1) Message Display- This section displays the demo song, voice or style name and number you have selected. Other important functions and parameters are also displayed in this section.
- (2) Active Input-Enables the user to make selection changes to the Main voice, the split point and the Accompaniment section (ON/OFF). The status of the LOCK and DISK functions can also be accessed.
 - The arrow indicates the active feature and points to which item can be input.
- (3) Note Display When you play a key on the keyboard, the note will be displayed. When the higher 2 octave keys are played, the icon 8va will also display with the note.
- (4) Metronome When the Metronome function is turned ON, the icon will be lit.
- (5) Voice Effect These icons indicate the Dual, DSP and Touch functions.
- **(6) Track Volume -** Displays the volume of each track dynamically, when the demo song or a style is played.

- (7) **Transpose** Displays the currentkey of the keyboard. The number 00 indicates No transpose.
- (8) Chord Type Displays the current chord system in use on the keyboard accompaniment section. There are two chord systems available Single or Fingered mode.
- (9) Measure Displays the number of bars played of the demo song, style and record/play back of a song recording.
- (10) Tempo Displays the tempo of the demosong, style and song recording.
- (11) Octave Display the octave value.
- (12) Registration Memory Display the registration memory when recording.
- (13)Record and Play Display the record and play status

DEMO SONGS

There are 26 demo songs in the internal memory. Listen to the pre-programmed demonstration songs and they will give you a good idea of what the instrument cando.



- With the Power ON and the Master Volume at half way.
- Press the [STYLE] button and the [VOICE] button at the same time to activate
 the DEMO function. The name of the selected DEMO will appear on the
 INFORMATION DISPLAY. You can select the demo songs by using the [+/-]
 buttons
- Press [STYLE] button and the [VOICE] button again to stop the DEMO song.

SELECTING AND PLAYING THE VOICES

Your instrument has 476 sounds in the internal sound library numbered from 01 to 476, and 8 Drum Kits numbered from 477 to 484. Sound 485 is the SOUND EFFECT bank preset.

The available sounds can be played in three different modes: Right 1, Right 2 and Left.

- Right 1 plays a single voice over the entire range of the keyboard.
- Right 2 mixes two different voices together for rich, complex sounds.
- Left allows the player to select one sound for the Left part and up to two sounds for the Right part of the keyboard.

The complete list of the available Sounds is available in the SOUND LIST pages at the end of this manual.

GM Sound List

01 - O8	Piano	65 - 72	Woodwind
O9 - 16	Chromatic Perc.	73 - 80	Flute
17- 24	Organ	81 - 88	Synth Lead
25 - 32	Guitar	89 - 96	Synth Pad
33 - 40	Bass	97 - 104	Synth Effects
41 - 48	Strings	105 - 112	World
49 - 56	Ensemble	113 - 120	Percussive
57 - 64	Brass	121 - 128	Sound Effects

XM Sound List

129 - 150	Piano	325 - 333	Flute
151 - 161	Chromatic Perc.	334 - 347	Synth Lead
162 - 190	Organ	348 - 357	Synth Pad
191 - 217	Guitar	358 - 368	Synth Effects
218 - 243	Bass	369 - 377	World
244 - 252	Strings	378 - 390	Percussive
253 - 279	Ensemble	391 - 436	Sound Effects
280 - 306	Brass	437 - 476	Accordions
307 - 324	Woodwind	477 - 485	Drum Kits

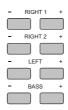
The first 128 sounds are listed according to GM sound list from 1 to 128. From 129 to 476 the sounds are listed according to ORLAXM Sound List that incorporate all the GM sounds plus all ORLA sound variations.

In GM mode the instruments allows the player to select the sounds according to the GM mapping and most of the player remember the sound numbers and therefore may be easier for them.

In the XM mode the complete sound list is available including not only all the GM sounds but also the many sound variations specially developed by the ORLA musicians team

SOUND VOLUME

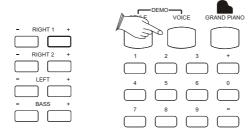
The volume of each section can be controlled with the related volume buttons.



The volume range is from 00 (no sound) to 127 (maximum volume).

SELECTING THE SOUNDS

SELECT RIGHT 1 SOUND



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



Press the numeric key-pad buttons, or the [+/-] buttons or the Data Wheel 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 5 and 6 buttons or the [+/-] buttons or use the Data Wheel 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 than 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 123, press the 1, 2 and 3 buttons or the [+/-] buttons or use the Data Wheel until the number 123 is selected on the display.

To select the sound 123 using the numeric key-pad buttons follow the instructions:

- Press the number 1 button and hold it until the number 1 appears on the display



- Press than the number 2 and the number 3 buttons to select the sound.
- The sound number 123 Sea Shore, is now selected

To set the RIGHT 1 Section offpress the two buttons at the same time and the display will indicate: **RIGHT10FF.**

To select the RIGHT 1 section ON again press the two buttons and the display will indicate the selected sound.

SELECT RIGHT 2 SOUND

Press the [RIGHT 2 +/-] volume buttons at the same time to select the RIGHT 2 sound. The RIGHT 2 voice icon will be indicated on the display. In this mode you can play two different sounds at the same time. The name of the RIGHT 2 sound will be indicated on the display for a few seconds.



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

Press the [RIGHT 2+/-] volume buttons simultaneously to switch this section On or Off.

SELECT LEFT SOUND

Press the [LEFT +/-] buttons simultaneously to select the LEFT sound. The current voice number and name will display on the Message Display section. The keyboard is now divided in two sections: Left and Right. You can use left and right hands to play two different sounds at the same time.



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

Press the [LEFT+/-] volume buttons simultaneously to switch the Left Voice On or Off. Note that it is possible to play the Left Sound together with the Auto Accompaniment.

SELECT BASS SOUND

Press the [BASS +/-] buttons simultaneously to select the BASS sound. The current voice number and name will display on the Message Display section. The keyboard is now divided in two sections: Left and Right. You can use left and right hands to play two different sounds at the same time.

Press the numeric key-pad buttons or the [+/-] buttons or the Data Wheel to select the desired BASS voice number according to the Voice List. The BASS sound is monophonic.

Press the [BASS+/-] volume buttons simultaneously to switch the BASS Voice On or Off.

SELECT THE SPLIT POINT

The default position of the Split point is B2. The Split Point can be set to any other key as follows:

- Press the [FUNCTION] button a few times to select on the display:





- Press [ENTER] button to confirm the function. The display indicates the current Split Point position: **24** SplPoint.
- Use the [+/-] buttons or the Data Wheel to set the Split Point Value. The default value is 24 that corresponds to the note B2.
- To set the Split Point on the E3 Position change the value to 29.

The display will return to the normal display mode and the new Split Point is now set. The new Left Sound Split Point will remain active until the instrument is switched OFF.

GRAND PIANO



When pressed the [GRAND PIANO] button resets the instrument to the Grand Piano sound.

DRUM KITSAND EFFECTS

Your instrument has 8 different Drum kits that can be played on the keyboard when selecting voice numbers - 477 through to 484.

Sound No.	Drum Kit	Sound No.	Drum Kit
477	Standard	482	Jazz
478	Room	483	Brush
479	Power	484	Classic
480	Electric	485	Effects
481	Dance		

The Sound number 485 is the Sound Effects preset.

OMC-ORLA MAGIC CHORD



Whenever you play a chord with the left hand, this function adds a complete chord to the melody line played with the right hand based on the left hand notes that are being played. It is intended to convert a single note melody into a full chord.

When using the OMC it is important to play the lower manual in a legato fashion with sustained left hand chords.

This feature provides a very full overall professional sound, however it has greater effect if it is not used all of the time.

DIGITAL REVERB CHORUS EFFECT





Press the [REVERB] button to turn the REVERB effect ON or OFF. While the Reverb setting is indicated on the display, the parameter can be changed. Use the [+/-] buttons or the Data Wheel to select the desired REVERB settings.

The display will indicate the available Reverb types: REVERB OFF, Room1, Room2, Room3, HALL1, HALL2, Plate, Delay, Pan Delay.

It is possible to adjust the Reverb effect for each section.

- Press [FUNCTION] button to select R1 RevVo? on the display and use the [+/-] buttons or the Data Wheel to select R2 RevVo? or Lf RevVo? or Bs RevVo? page.
- Press the [ENTER] button to select the Right 1 section.
- Use the [+/-] buttons or the Data Wheel or use the numeric key-pad buttons to change the Reverb value (the range is from 00 to 63).
- Press the [+/-] buttons at the same time to set the default value.

After a few seconds the display will go back to the normal display mode and the new Reverb Value for Right 1 section is now saved.

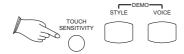
Press the [CHORUS] button to turn the CHORUS effect ON or OFF. Whilst the Chorus setting is indicated on the display, the sound can be changed. Use the [+/-] buttons or the Data Wheel to select the desired CHORUS types. The display will indicate the available Chorus type: CHORUS OFF, Chorus 1, Chorus 2, Chorus 3, Chorus 4, Feedback, Flanger, Short Delay, Feed Back Delay.

It is possible to Change the Chorus effect for each section.

- Press [FUNCTION] button to select R1 RevVo? on the display and use the [+/-] buttons or the Data Wheel to select R1 Chr Vo? or Lf Chr Vo? or R2 ChrVo? or Bs ChrVo? page.
- Press the [ENTER] button to select the Right 1 section.
- Use the [+/-] buttons or the Data Wheel or use the numeric key-pad buttons to change the Chorus value (the range is from 00 to 63).
- Press the [+/-] buttons at the same time to set the default value.

After a few seconds the display will go back to the normal display mode and the new Chorus Value for Right 1 section is now saved.

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.

This function can be set to different levels to adjust the touch with you own playing style.

After the [TOUCH] button is pressed the display will show



Using the + and button select the available Touch Sensitivity value:

00 No Touch Sensitivity - Sensitivity Off

01 - 05

- These 5 curves are offering 5 different touch response to the keyboard instrument. Use the data wheel to set the sensitivity value (1 - 5) that suits your playing taste.

The Factory default Touch Curve is number 4.

TRANSPOSE

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



The default C natural setting is indicated as C0 in the following table.

С	C#	D	D#	Е	F	F#	G	G#	Α	A#	В	C	C#	D	D#	Е	F	F#	G	G#	Α	A#	В	С
-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

The examples below illustrate how to use the above table:

- To Transpose the instrument to the key of E above C, press the Transpose [+] button 4 times.
- To Transpose the instrument to the key of A# below C, press the Transpose [-] button 2 times.

Press the [TRANSP/PITCH] buttons at the same time to restore the instrument to the key of C0.

PITCH FINE TUNING

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

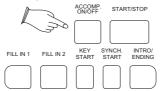


Press the two buttons for a few seconds and the display will display: PITCH Use the + and buttons to set the desired Pitch value. The PITCH value on the display can be changed between 64 and +63.

Press the [TRANSP/PITCH] buttons at the same time to set the default value (0).

AUTO ACCOMPANIMENT SECTION

Your instrument has 260 (01-260) 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 playing the melody.

SELECT ASTYLE

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



Press the numeric key-pad buttons or the [+/-] buttons to select the desired style number with the same system used to select the sounds.

You can see the complete Style List at the end of this manual.

The Styles are listed in groups according to the following table:

01-12	8 Beat	108-11	7 Blues & Gospel
13-20	16 Beat	118-13	6 Country
21-32	Ballad	137-15	8 Latin 1
33-43	Dance	159-18	2 Latin 2
44-56	Disco	183-21	2 Ballroom
57-86	Big Band & Swing	213-24	1 World
87-107	Rock & Boogle	242-26	0 Waltz

AUTO CHORD RECOGNITION

When playing the Auto accompaniment it is possible to change chords using one or more fingers without selecting the One Finger Note system or the Multi Finger Chord system. The internal computer will automatically select it for you.

SINGLE FINGER MODE

C chord - press C key

SINGLE FINGER Mode fingering makes it simple to produce be autifully orchestrated accompaniment using major, seventh, minor and minor-seventh chords by pressing a minimum number of keys in the Auto Accompaniment section of the keyboard.

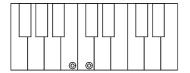
There are two different Single Finger mode available in the instrument:

- Chord System 1
- Chord System 2.

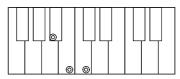
These two types refer to the most common Single Finger systems used in the portable keyboards. To select the desired Single Finger Type see the [FUNCTION] button paragraph.

ChordSys 1	C Major C minor C Seventh C minor 7th	Press the key C. Press the key C + the 3rd key to the right Press the key C + the 2nd key to the left Press the key C + the 3rd key to the right + 2nd key to the left
C chord - pro	ess 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
C / th press	2 Para Rey to left	to right
ChordSys 2	C Major C minor C Seventh C minor 7th	Press the key C. Press the key C + any black key to the left Press the key C + any white key to the left Press the key C + any black + any white key to the left
		

C minor - press C + any black key to left



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



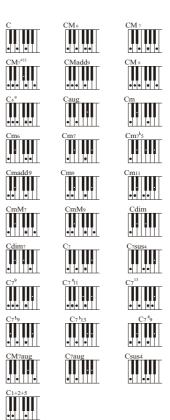
C minor 7th - press C + any black and any white to left

The default system is **Type 1.**

MULTIFINGERED MODE

Your Instrument recognise the following chords

Name	Normal Voicing	Chord(C)
[M]	1-3-5	C
[6]	1-(3)-5-6	C6
[M7]	1-3-(5)-7or1-(3)-5-7	CM7
[M7#11]	1-(2)-3-4- 5-7 or 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)- b7	Cm7
[m7b5]	1- b3- b5- b7	Cm7 5
[madd9]	1-2- b3-5	Cmadd9
[m9]	1-2- b3-(5)- b7	Cm9
[m11]	1-(2)- b3-4-5-(b7)	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)- ^b 7 or 1-(3)-5- ^b 7	C7
[7sus4]	1-4-(5)- b7	C7sus4
[7 9]	1-2-3-(5)- b7	C7 9
[7#11]	1-(2)- 3-"4-5- b7 or 1-2-3-"4-(5)-b7	C7"11
[7 13]	1-3-(5)-6- b7	C7 13
[7b9]	1- b2-3-(5)- b7	C7 9
[7b13]	1- 3-5- ⁶ 6 - ⁶ 7	C7 13
[7#9]	1- "2-3-(5)- b7	C79
[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



FULL KEYBOARD

METRONOME	TAP TEMPO	FULL KEYBOARD
\bigcirc	\bigcirc	\bigcirc

This feature allows you to play automatic chords in the full length of the keyboard. Press the button and dedicated arrow will indicate it on the display. The Full Keyboard system requires a minimum of 3 notes played to recognise the desired chord.

When in full keyboard the chords played by the Auto Accompaniment System will not be displayed on the screen.

When selected the dedicated arrow will indicate the feature on the display.

AUTO ACCOMPANIMENT SELECT AND CONTROLS

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. If the Auto Set Up function is not activated, the tempo will not change when the new style is running.

- TEMPO + ACCOMP. START/STOP
ON/OFF START/STOP

TAP FILL IN 1 FILL IN 2 KEY SYNCH. INTRO/
START START ENDING

Your instrument provides a range of accompaniment features:

Start/Stop, Auto Accompaniment, Intro/Ending, Fill-In 1, Fill-In 2, Key Start, Synchro Start.

AUTO ACCOMPANIMENT

Press [ACCOMP. ON/OFF] button to activate the Auto Accompaniment feature. The indicator will appear on the display. Press it again to deactivate.

INTRO/ENDING

If you press this button before you start the rhythm, synchro function will work automatically. The normal rhythm pattern will be preceded by a special introduction (INTRO) as soon as a chord is detected and it will be possible to play the instrument with your preferred chords. However, if you press the button when the rhythm is already running, the instrument plays a final variation (ENDING) and the rhythm section will stop automatically.

All of your instrument accompaniment patterns can be started with an appropriate introduction by pressing the [INTRO/ENDING] button, once the style has been selected. When the INTRO finishes playing, the accompaniment will change to the main style pattern. If using the KEY START and INTRO/ENDING function together, the style will start with the Intro when the first chord is played in the keyboard and it will continue as long as the chord is pressed.

FILL IN 1 and FILLIN 2 - STYLE A/B VARIATIONS

There are 2 variations available for each style: Variation A and Variation B. Press the Fill 1 to select Variation 1 and press Fill 2 to select Variation 2.

The Auto Accompaniment pattern changes depending on the chords you play with your left hand.

The fill-in buttons let you add dynamic variations and breaks in the rhythm of the accompaniment, to make your performance sound even more professional. At the end of the fill-in the appropriate Style Variation is automatically selected.

The fill-in will play when selected as long as one of the fill-in buttons is pressed.

AUTO START

There are two types of Auto Start features:

- SYNCHRO START When this feature is selected the Auto Start will automatically

start the style when the first key or chord is pressed.

KEY START When this feature is selected the Auto Start will automatically start the style when the first key or chord is pressed and

automatically stop the style when the key or chord is released.

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

If you select the SYNCHRO START function the dedicated icon will light up indicating that the Synchro Start feature is activated. When you than press the first chord on the left part of the keyboard the Led will work normally indicating the down-beat.

If you select the KEY START function its arrow will light up on the display and the dedicated icon will start blinking indicating that the Key Start feature is activated. When you than press the chord on the left part of the keyboard the Led will work normally indicating the down-beat.

START/STOP

The [START/STOP] button starts the selected accompaniment style immediately. Press the [ACCOMP. ON/OFF] button to turnACCOMPANIMENT 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 keyboard.

TEMPO CONTROL

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.

The instrument also offers the ability to input TEMPO settings via the [+/-] buttons. Press the [TEMPO+] and [TEMPO-] buttons simultaneously to restore the default tempo setting.

TAPTEMPO

This function all ows you to set the rhythm tempo by tapping in tempo on the [TAP TEMPO] button. Tap on the button while rhythm playing and the he rhythm tempo will automatically set at the desired speed.

To set the tempo before starting rhythm, tap on the button 4 times.

METRONOME

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



The metronome sound is alternately turned on and turned off by pressing the [METRONOME] button.

The Time Signature of the metronome can be set by using [+/-] buttons when turning on the metronome function and while the Time Signature value is indicated on the display.

To set the Time Signature (1/4, 2/4, 3/4, 4/4, 6/4, 3/8, 6/8, 9/8) press the [METRONOME] button for a few seconds and the Time Signature set for the metronome will be indicated on the display, use the [+/-] buttons or the Data Wheel to select the new value.

To change the Tempo use the [-TEMPO+] buttons to set the desired tempo speed. To set the tempo of metronome, please see the details in TEMPO section.

AUTOMATICSET UP



This function enables the instrument to set an appropriate registration for each rhythm. When a style is selected and the AUTOMATIC SET UP is activated (the icon is activated on the display), a nice registration for both the left hand and right hand parts will be automatically selected. The AUTOMATIC SET UP (ASU) 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 ASU 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 instrument is to listen to the ASU registrations. By selecting the desired rhythm with the AUTOMATIC SET UP system ON, you will hear 260 nice registrations. The ASU system can be switched ON and OFF by pressing the [AUTOMATIC SET UP] button.

REGISTRATIONMEMORY



The instrument can store 5 groups x 4 banks of panel settings. By pressing the corresponding memory button, you can recall these settings rapidly. You can customise the panel settings to accommodate your performance and store them to the registration memory positions. These setting will not be lost, even if the power is turned OFF.

STORING THE PANEL SETTINGS

It is possible to load up to 20 panel registrations using the 5 Memory (M1-M5) positions and 4 memory banks.

By pressing the [MEMORY/BANK] button four times, you can select 4 different banks. The display shows the available memory banks [1 to 4 MmryBank].

The following panel settings can be saved: Left/Right Sounds, Volume levels, Pan settings, Tempo, Octave, Effects, Style and keyboard mode. Other global parameters are also memorised

- Select the desired style, tempo, sounds, volume and effects.
- Select the Memory Bank where to store the new settings by pressing a few times the [MEMORY/BANK] button, for example BANK 3.
- Press and hold [MEMORY/BANK] button, and then press one of the [M1-M5] buttons where to store the panel setting, for example M1.
- The LCD displays



The current panel settings are now stored in the memory in position BANK 3-M1. It is possible to repeat this procedure for all available positions.

RECALLING THE SETTINGS



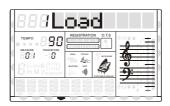
By pressing the [M1-M5] buttons, the information you have stored previously can be recalled. Press [MEMORY/BANK] button to access the Memory banks (press a few times).

The LCD displays the panel settings and memory position number.

LOCK



By pressing the [LOCK] button, turns the LOCK function ON/OFF. When the LOCK function is ON, the sounds registrations stored in each memory location can be recalled, whilst the style accompaniment settings will be LOCKED. The display shows the related indicator arrow:



This enables the player to make changes to the melody part(s) of the music 'on the fly'. The accompaniment section will remain LOCKED, therefore all levels and other parameters pertaining to this section will remain unchanged.

SAVE THE REGISTRATION MEMORIES ON USBDISK

It is possible to SAVE the Panel Memories Registrations Banks in the USB disk and save them in the USB Disk following the instructions:

- Insert the USB Disk into the USB socket.
- Press [SAVE] button and the display will show:



XX indicates the progressive file number 001 indicates the registration file number

- The display indicating your Panel Memory Registration Settings are saved into USB Disk, with 20 Registration Memories stored to a single file.

New banks of Panel Memory Registration Settings can be stored in the USB disk and a new name will be automatically assigned to each bank as follows:

01 REGST 001

02 REGST 002

03 REGST 003

.... REGST

LOADING THE MEMORY REGISTRATIONS DATA FROM USB DISK

Insert the USB Disk into the USB socket.

Press and hold the [USB FILES] button to access the **Setting** files in the USB Disk. Select the **Setting** page by pressing the number 3 button.

Use [+/-] button to select the desired Panel Memory Registration Setting file, then press [PLAY/LOAD] button, display shows "Load Ok".

DELETE MEMORY REGISTRATIONS FROM USB

Insert the USB Disk into the USB socket. Press and hold the [USB FILES] button to access the **Setting** files in the USB Disk. Select the **Setting** page by pressing the number 3 button.

Use [+/-] button to select the desired Panel Memory Registration Setting file you want to

delete, then hold down the [RECORD] button and press [PLAY/LOAD] button. LCD shows:



Press [+] button to delete the file.

Press [-] button to exit the function without deleting the file.

NOTE - When a file is deleted from a list its progressive number will be cancelled and saved in a special memory location inside the instrument. This number will be automatically assigned to the next file of the same type that will be loaded.

USB FILES MODE SELECT

The files listed in the USB disk can be accessed in two ways: by number or by alphabet letters. It is possible in fact to access the files recalling their numbers or scrolling the initial letters. To select these two systems follows these instructions.

- Insert the USB disk in the USB socket
- Press the USB FILES button
- Press and hold the 0 (zero) on the numeric keypad until the display shows

Alphabet or Number

- Using the [+/-] buttons select on the display Alphabet or Number as you prefer.
- The available files will now be listed according to your choice, by number or by letters.
- to select the files by numbers simply select the desired number on the display using the numeric keypad.
- To select the files by letters refer to the below table that is similar to telephone letter indications:

1 - no letters	2 - A,B,C	3 - D, E, F
4 - G,H,I	5 - J,K,L	6 - M,N,O
7 - P.O.R.S	8 - T.U.V	9 - W.X.Y.Z

- To select the desired letter press the related button as follow:
 - D press the 3 button one time. The display shows SEL **DEF**
 - R press the 7 button 3 times. The display shows SEL $PQ\overline{R}S$

The files are now listed by initial letter. If the selected initial letter is not available in the list the instrument will select the nearest available letter.

THE FUNCTION BUTTON

Some of the features that you will find in the manual have been already explained in this manual but since the **[FUNCTION]** button provides access to a wide range of functions that give your instrument extraordinary versatility we prefer to list all the features of this section again in a step by step explanation.

Switch the instrument On and press the [FUNCTION] button several times until we see all the available functions:

Pan
Reverb Chorus
Octave
Style Accompaniment
Split Point
Midi
All Local
Auto Track
Chord Type
Pedal
Volume Lock
Play Mode
Transpose Set

PAN

In this page you can set the stereo panoramic effect of each sound to create a nice stereo effect.

Press [FUNCTION] button to select R1. PAN?, use [+/-] button to select R2. PAN? Lf.PAN? and Bs. PAN?

R1 .PAN	Right 1 Voice Pan
R2 .PAN	Right 2 Voice Pan
Lf .PAN	Left Voice Pan
Bs. PAN	Bass Pan

Press [ENTER] button to confirm the section , and use [+/-] button to set the pan value. Value -64 is the maximum value to the Left and value 63 is maximum value to the Right. To select centre pan effect, value 0 (zero) press the [+/-] buttons at the same time.

REVERB AND CHORUS DEPTH

In this page you can adjust the reverb and chorus depth for the selected voice. Press [FUNCTION] button to select R1 RevVo?, use [+/-] button to select R2 RevVo?, LF RevVo?, Bs RevVo?, R1 ChrVo?, R2 ChrVo?, Lf ChrVo?, Bs ChrVo?

R1 RevVo?	Right 1 Voice Reverb Depth
R2 RevVo?	Right 2 Voice Reverb Depth
Lf RevVo?	Left Voice Reverb Depth
Bs RevVo?	Bass Reverb Depth
R1 ChrVo?	R1 Voice Chorus Depth
R2 ChrVo?	R2 Voice Chorus Depth
Lf ChrVo?	Left Voice Chorus Depth
Bs ChrVo?	Bass Chorus Depth

Press [ENTER] button to confirm, use [+/-] button to adjust the value: 00-63 To select the default value press the [+/-] buttons at the same time.

OCTAVE

Press the [FUNCTION] button to select R1 Octav?, use [+/-] button to select R2 Octav? Lf Octav? and Bs Octav?.

R1 Octav?	Right 1 Voice Octave
R2 Octav?	Right 2 Voice Octave
Lf Octav?	Left Voice Octave
Bs Octav?	Bass Voice Octave

Press [ENTER] button to confirm, use [+/-] button to set the octave value: -2 to +2 To select octave 0 (zero) press the [+/-] buttons at the same time.

STYLE ACCOMP.

In this page, you can select if you like to switch off the accompaniment tracks of the style. Only the Drum lines and the Bass lines will be playing.

Press [FUNCTION] button to select "STYAcmp?".

Press [ENTER] button to select and use [+/-] buttons to select "AccompOn" or "AcompOff".

SPLIT POINT

In this page, you can set the split point for your keyboard.

Press [FUNCTION] button to select "SplPoin".

Press [ENTER] button to program the split point and use [+/-] button to set the split point. Range: 00-60.

The default value is 24 and it corresponds to B2.

MIDI

In this page, you can select MIDI settings.

Press [FUNCTION] button to select MIDI R1?, use [+/-] button to select MIDI R0, MIDI R1, MIDI R2, MIDI S0, MIDI S1, MIDI S2, MIDI S3, MIDI S4.

Press [ENTER] to confirm, and use [+/-] button to set the parameters.

MIDI R0-----Reception Disabled

MIDI R1-----Reception Enabled, this setting is dedicated for computer interface (default mode).

MIDI R2----Typical configuration for a Midi Accordion or Master keyboard. The sections are set automatically as follows:

R1	Ch 1
R2	Ch 4
Left	Ch 2
Bass	Ch 3

MIDI S0-----Transmission Off

MIDI S1-----Selecting R1 Ch

MIDI S2----Selecting Lf Ch

MIDI S3-----Selecting R2 Ch

MIDI S4-----Selecting Bass Ch

When selecting "MIDI S1-S4" mode, the transmission is enabled automatically, and use [+/-] buttons or the numeric keypad to select MIDI channel (1-16) for which you want to specify a new transmission.

LOCAL CONTROL

In this page, you can decide to send or not your music to the internal speaker system. Press [FUNCTION] button to select "ALLLocl?", press [ENTER] button to confirm, use [+/-] button to select "Local On" or "Local Off".

Local ON
Local OFF
Normal operation. Keyboard and Controllers are sent to the Sound Engine.
There will be no sound produced by the brain's tone generator. MIDI function can work as usual.

If you press [FUNCTION] button to select "ALLLocl?", and you press the [+/-] buttons you can select the following Local Functions:

- KBDLocl? This configuration will set Local Control for the keyboard only. Use the [+/-] buttons to select KBD On or KBD Off.
- USBLocl? This configuration will set Local Control for the USB Song Player only. The instrument will send the played notes only thru midi Out. . Use the [+/-] buttons to select USB On or USB Off.
- STYLocl? This configuration will set Local Control for the STYLE only. The instrument will send the played notes only thru midi Out. Use the [+/-] buttons to select STY On or STY Off.

AUTO TRACK RECORDING SYSTEM

This is a very useful system to automatically assign the Track number while doing Multi Track Recording.

It is possible to turn on or turn off the AUTO TRACK function for recording mode. The setting will be saved automatically when the power is off.

Press [FUNCTION] button to select "AutoTrk?", press the [ENTER] button to confirm, and use [+/-] button to select OnAutoTrk and OffAutoTrk.

- OnAutoTrk if you want to record more tracks, select OnAutoTrk and the internal computer will assign the next recording track automatically.
- OffAutoTrk if you want to select tracks by yourself, select Off AutoTrk function first, then press the [TRACK] button on the panel to select the track you want.

SINGLE FINGER CHORD TYPE

In this page, you can decide your preferred Single Finger system.

Press [FUNCTION] button to select "ChrType?", press [ENTER] button to confirm, use [+/-] button to select "Type 1" or "Type 2".

SINGLE FINGER Mode fingering makes it simple to produce beautifully orchestrated accompaniment using major, seventh, minor and minor-seventh chords by pressing a minimum number of keys in the Auto Accompaniment section of the keyboard.

PEDAL (only when using the optional 2 levers pedal)

In this page, you can select the setting for the Double Pedal. Press [FUNCTION] button to select "Pedal L" on the display.

Press [ENTER] button and use [+/-] button to select the available functions: Sustain, Start Stop, Fill 1, Fill 2, Fills, Empty.

Press [FUNCTION] button until you select "**Pedal L**" again on the display. Use the [+/-] button to select "**Pedal R**"

Press [ENTER] button and use [+/-] button to select the available functions: Sustain, Start Stop, Fill 1, Fill 2, Fills, Empty.

At the end of the programming time the display goes back in normal mode.

VOLUME LOCK

In this page, you can select the Volume Pedal settings.

Press the [FUNCTION] button a few times to select "VolLock" on the display. Use the [+/-] buttons or the Data Wheel to select "VolAuto" on the display. Press [ENTER] button to confirm the function. The display indicates Lowest. This is to set the pedal volume value at the lowest volume level.

Move the pedalto lowest volume position while the display indicates Lowest. The display will automatically go to normal mode and the lowest value is set. Press the [FUNCTION] button again to display the VolAuto page and press the ENTER button again to select Highest on the display.

Move the pedal to highest volume position while the display indicates Highest. The display will automatically go to normal mode and the highest value is set.

PLAYMODE

In this page, you can select the setting for the song. It is possible in fact to play the songs listed in the USB disk.

Press [FUNCTION] button to select "PlayMod?". Press [ENTER] button to select and use [+/-] buttons to select "Single" or "Loop".

Single The selected song will be played after the Play button is pressed and will stop at the end of it.

Loop The selected song will be played after the Play button is pressed and will automatically play all the following songs without stopping until the [PLAY] button will not be pressed again.

TRANSPOSE SET

In this page, you can select which sections of the instrument you would like to transpose. Press [FUNCTION] button to select "Tras.Set?". Press [ENTER] button to select and use [+/-] buttons to select "ALL" or "Panel" or "Song".

ALL The all instrument will be transposed including the USB Song (this is the default mode).

Panel The all instrument will be transposed but not the USB song.

Song Only the USB song will be transposed.

MANAGING THE USB DISK

When inserting the USB disk in its slot you will notice that the display will immediately indicate the first available Midi File Song stored in the memory.

It is possible to load different type of styles in the USB disk:

- 1 Standard Midi File songs
- 2 Style files
- 3 Setting Panel Memory Registrations

The display will only show the files related to each of the listed groups when selected. To select one of the groups follow the indications below:

- Press and hold the [USB FILES] button
- Using the [+/-] buttons select one of the 3 available options. It is also possible to select the desired option by pressing the buttons [1] or [2] or [3].

When the desired option is selected the display will show only the USB files related to the type of file selected until the instrument is switched off.

At power up, the instrument will automatically restore the SMF song option.

SAVING THE REGISTRATION DATA TO USB DISK

It is possible to SAVE the Panel Memories registrations in the USB disk and save them in different banks. See in this manual on previous pages.

LOADING THE REGISTRATION DATA FROM USB

It is possible to LOAD the Panel Memories registrations from the USB disk and save them in different banks. See in this manual on previous pages.

DELETE REGISTRATION FILES FROM USB

It is possible to DELETE the Panel Memories registrations in the USB. See in this manual on previous pages.

SONG RECORDING

The KX 10 lets you record your Songs and Registration settings to a USB Disk. It is possible to record your song using up to sixteen independent tracks. The song will be stored into USB Disk memory including the voices used for the melody line and accompaniment and the auto chord accompaniment.

There are two different ways of recording your song: Quick Recording and Multi Track Recording.

(All the recording data will be saved automatically as MIDI Format 0 File to your USB Disk).

QUICK RECORDING

- 1 Insert the USB Disk into the USB socket.
- 2 Press the [RECORD] button to start recording. The display shows:



As soon as RECORD is pressed the Metronome will automatically start. This can be switched off at any time by pressing the Metronome button OFF.

The display will show the down beat dot as long as the first key on the keyboard or the [START/STOP] button is pressed and will start recording.

- 3 As soon as the recording is started the downbeat dots will indicate the recording running status.
 - During recording you can select sounds, volumes, effects, change styles and all will be recorded in your performance.
- 4 To stop recording press [RECORD] button again. The recording stops immediately and your song is stored in the USB Disk memory. The internal computer will immediately store you song automatically assigning the name



(XXX indicates the total file number. 001 indicates the recording file number).

MULTITRACK RECORDING

This function allows you to modify a song edited with Quick Recording system making it more complex adding new tracks.

- Insert the USB Disk into the USB socket.
- The Auto Track function is activated by default.
- Press the [RECORD] button to start recording. The display will show the down beat dot flashing as long as the first key on the keyboard or the [START/STOP] button is pressed and will start recording. During recording you can select sounds, volumes, effects, change styles and all will be recorded in your performance.
- When the recording is finished, the song file will be saved with the name



- Press [RECORD] button to save the song.
- Select now MULTI by pressing the [USB FILES] button and the [RECORD] buttons at the same time. (hold down the [USB FILES] button and press [RECORD] button)

The Metronome immediately start for two bars and the first recorded Track starts playing.



Use the same operation as Step 4 and 5 to record more tracks.

The name of the new file will be saved in sequence.

- To stop recording by pressing [RECORD] button again.
- It is necessary to press the [RECORD] button at the end of each track.

DELETE SONG

Insert the USB Disk into the USB socket. Use [+/-] button to select the song file you want to delete, then hold down the [RECORD] button and press [PLAY/LOAD] button. The LCD shows:



Press [+] button to delete the file.

Press [-] button to exit the function without deleting the file.

LOAD ANEW STYLE

It is possible to store in the USB from the computers new styles that ORLA will make available from its web site.

When the new style is loaded in the USB disk insert the USB Disk into the USB socket of the instrument.

To select the style list on the USB disk follow the indications below:

- Press and hold the [USB FILES] button
- Using the [+/-] buttons select one of the option 2. It is also possible to select the desired option by pressing the button [2].
- Use [+/-] button to select the desired Style file, then press [PLAY/LOAD] button, display shows "Load OK".
- To play the new style select now the [STYLE] button and the display show
 261 UserRhy.

It is possible to load only 1 style at the time.

At Power Off the User style is cancelled.

USB FILE BUTTON

Use this button you can switch to USB mode immediately even the keyboard is in any of other mode.

TRACK ON/OFF

Use this function can turn on or turn off any tracks even during Play Song.

- Press [TRACK ON/OFF] button to select the desired track. Every time the button is pressed the Track Number will be updated to the next track.
- Use [+] or [-] button to select "on" or "off".

NOTE The [TRACK ON/OFF] button is disabled while recording.

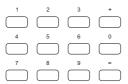
ADJUSTING USB SONG VOLUME

- Press [USB.VOL] button while playing Disk MIDI file.
- Use [+] and [-] button *or* number (0-9) buttons to adjust the song's volume.
- Range: 00-127 Default: 100

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 whilst 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.

CONNECTIONS

BACK PANEL



MIDI IN/OUT

The Midi OUT connector transmits Midi data generated by the instrument to other Midi instruments.

The Midi IN connector receives the Midi data from an external Midi device.

SUSTAIN-DOUBLE PEDAL SOCKETS

This is the connection for the programmable double pedal that can be used with the instrument.

FOOT VOLUME

This is the connection for the volume pedal that can be used with the instrument.

LINE OUT SOCKET

There is a Stereo output socket (Left and Right) and this is used to send the audio signal out an external amplifier, mixer console or recording equipment. It is necessary to use a cable with one Stereo Jack in one end and two Mono Jacks at the other two ends.

DC IN SOCKET

This is the connection to power. Connect the adapter to this socket to power the instrument.

FRONT PANEL

HEADPHONE

One set of Headphones can be plugged in for private practice. The socket is located at the front of the keyboard on the left side of the instrument and allows you to play without disturbing anyone else or being disturbed by outside noise.

USB FLASH DRIVE

The connection for the USB disk is located at the center of the instrument. Connect the USB Flash Disk to load and save Standard Midi Files.

VOICE LIST

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
1	0	0	Grand Piano	GrandPno
2	1	0	Bright Piano	BritePno
3	2	0	Electric Grand	El.Grand
4	3	0	Honky Tonk	HnkyTonk
5	4	Ö	El. Piano 1	ElPiano1
6	5	0	El. Piano 2	ElPiano2
7	6	0	Harpsichord	Harpsi 1
8	7	0	Clavinet	Clavinet
9	8	0	Celesta	Celesta
10	9	0	Glockenspiel	Glocken
11	10	0	Music Box	MusicBox
12	11	0		Vibes
	12		Vibraphone	
13		0	Marimba	Marimba
14	13	0	Xylophone	Xylophon
15	14	0	Tubolar Bells	Chimes
16	15	0	Dulcimer	Dulcimer
17	16	0	Drawbar Organ	DrawOrgn
18	17	0	Percussive Org.	PercOrgn
19	18	0	Rock Organ	RockOrg3
20	19	0	Church Organ	ChrcOrg1
21	20	0	Reed Organ	ReedOrgn
22	21	00	Accordion	Accordio
23	22	0	Harmonica	Harmnica
24	23	0	Tango Accord.	TangoAcd
25	24	0	Nylon Guitar	NylonGt1
26	25	0	Steel Guitar	SteelGtr
27	26	0	Jazz Guitar	JazzGtr1
28	27	0	Clean Guitar	CleanGt1
29	28	0	Muted Guitar	Mute Gtr
30	29	Ö	Overdriven Guit.	Ovrdrive
31	30	0	Distortion Guitar	Distort
32	31	Ö	Guitar Harmaon.	Gtr Harm
33	32	0	Acoustic Bass	Ac.Bass1
34	33	0	Finger Bass	FngBass1
35	34	0	Pick Bass	PickBass
36	35	0	Fretless Bass	Fretles1
37	36	0	Slap Bass 1	SlapBas1
38	37	0	Slap Bass 1	Slap Bas3
39	38	0	Synth Bass 1	SynBass1
40	39	0	Synth Bass 2	SynBass1 SynBass2
41	40	0	Violin	Violin
41	40	0		
			Viola	Viola
43	42	0	Cello	Cello
44	43	0	Contrabass	ContraBs
45	44	0	Tremolo Strings	TremStrg
46	45	0	Pizzicato Strings	Pizzicto
47	46	0	Orchestral Harp	Harp
48	47	0	Timpani	Timpani
49	48	0	String Ensem. 1	Strings1
50	49	0	String Ensem. 2	Strings2
51	50	0	Synth Strings 1	SynStrg1
52	51	0	Synth Strings 2	SynStrg2
53	52	0	Choir Aans	ChoirAah
54	53	0	Choir Oohs	ScatVoic

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
55	54	0	Synth Voice	SynVoice
56	55	0	Orchestral Hit	Órch Hit
57	56	0	Trumpet	Trumpet
58	57	0	Trombone	Trombon1
59	58	0	Tuba	Tuba
60	59	0	Muted Trumpet	MuteTrum
61	60	0	French Horn	FrenchHr
62	61	0	Brass Section	Brass
63	62	0	Synth Brass 1	SvnBras1
64	63	0	Synth Brass 2	SynBras2
65	64	0	Soprano Sax	SprnoSax
66	65	0	Álto Sax	Álto Sax
67	66	0	Tenor Sax	TenorSax
68	67	0	Baritone Sax	Bari Sax
69	68	0	Oboe	Oboe
70	69	0	English Horn	EnglHorn
71	70	0	Basson	Bassoon
72	71	0	Clarinet	Clarinet
73	72	0	Piccolo	Piccolo
74	73	0	Flute	Flute
75	74	0	Recorder	Recorder
76	75	0	Pan Flute	PanFlute
77	76	0	Blown Bottle	Bottle
78	77	0	Shakuhachi	Shakhchi
79	78	0	Whistle	Whistle
80	79	Ö	Ocarina	Ocarina
81	80	0	Square	Square1
82	81	0	Sawtooth	Saw 1
83	82	0	Calliope	Calliope
84	83	0	Chiff	Chiff
85	84	Ö	Charang	Charang
86	85	0	Voice	Voice
87	86	0	Fifths	Fifth
88	87	0	Bass+Lead	BasLead1
89	88	0	New Age	New Age
90	89	Ö	Warm Pad	WarmPad
91	90	0	Polisynth	Polysynt
92	91	0	Choir	Choir
93	92	0	Bowed Pad	Bowed
94	93	0	Metallic Pad	Metallic
95	94	0	Halo Pad	Halo
96	95	0	Sweep Pad	Sweep
97	96	0	Rain	Ice Rain
98	97	0	Sound Track	SoundTrk
99	98	0	Crystal	Crystal
100	99	0	Atmosphere	Atmosph1
101	100	0	Brightness	Brightns
102	101	Ö	Goblins	Goblins
103	102	0	Echoes	Echoes
104	103	0	Sci-Fi	SciFi
105	104	0	Sitar	Sitar
106	105	0	Banyo	Banjo
107	106	0	Shamisen	Shamisen
108	107	0	Koto	Koto 1
109	108	0	Kalimba	Kalimba
110	109	0	Bag Pipe	Bagpipe
				3

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
111	110	0	Fidale	Fiddle
112	111	0	Shanai	Shanai
113	112	0	Tinkle Bell	TnklBell
114	113	0	Agogo	Agogo
115	114	0	Steel Drum	Stl Drum
116	115	0	Wood Block	WoodBlok
117	116	Ö	Taiko Drum	TaikoDrm
118	117	0	Melodic Tom	MelTom1
119	118	0	Synth Drum	SynDrum1
120	119	0	Reverse Cymbal	RevCymbl
121	120	0	Guit. Fret Noise	FretNois
122	121	Ö	Breath Noise	BrthNois
123	122	0	Seashore	Seashore
124	123	0	Birds	Tweet
125	124	Ö	Telephone	Telphon1
126	125	0	Helicopter	Helicptr
127	126	0	Applause	Applause
128	127	0	Gunshot	GunShot
129	0	0	Grand Piano	GrandPno
130	Ŏ	8	Grand Piano 2	GranPno2
131	Ö	16	Grand Piano+Strings	GPno+Str
132	ŏ	24	Octa Piano 1	OctPian1
133	0	25	Octa Piano 2	OctPian2
134	1	0	Bright Piano	BritePno
135	2	Ö	El.Grand Piano	El.Grand
136	3	0	Honky Tonk	HnkyTonk
137	4	Ö	E. Piano 1	ElPiano1
138	4	7	Detune E.Piano1	DetPian1
139	4	8	E.Piano 3	MalletEP
140	4	16	Soft E.Piano	SftE.Pno
141	4	24	Mix E.Piano	MixE.Pno
142	5	0	E.Piano 2	ElPiano2
143	5	8	Detune E.Piano2	DetPian2
144	5	16	F.Piano 2 + Strings	EPno+Str
145	5	24	E.Piano 2 + Strings E.Piano 2 + Voice	EPno+Vcl
146	6	0	Harpsichord 1	Harpsi 1
147	6	8	Harpsichord 2	Harpsi 2
148	6	16	Harpsi + Strings	Harps+St
149	7	0	Clavinet	Clavinet
150	7	8	Funky Clavinet	FnkyClav
151	8	0	Celesta	Celesta
152	9	0	Glockenspiel	Glocken
153	10	0	Music Box	MusicBox
154	11	0	Vibes	Vibes
155	12	0	Marimba	Marimba
156	13	0	Xylophone	Xylophon
157	14	0	Chimes	Chimes
158	14	8	Church Bell	ChrcBell
159	14	9	Church Bell 2	ChrcBel2
160	14	16	Tubular Bells	TubulBel
161	15	0	Dulcimer	Dulcimer
162	16	0	Drawbar Organ	DrawOrgn
163	16	8	Detune Organ 1	DetOrgn1
164	16	13	Click Organ	ClickOrg
165	16	14	Theatre Organ 1	Theatre1
166	16	15	Theatre Organ 2	Theatre2
	10	10	i inodio Organiz	11100002

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
167	16	16	60' Organ	60' Orgn
168	16	17	Rock Organ 1	RockOrg1
169	16	18	Cool Organ	CoolOrgn
170	16	20	Tone Weel	ToneWeel
171	16	22	Rotor Organ	RotorOrg
172	16	23	Gospel Organ	GosplOrg
173	16	26	Jazz Organ 2	JazzOrg1
174	16	27	Rock Organ 2	RockOrg2
175	17	0	Jazz Organ 3	PercOrgn
176	17	8	Jazz Organ 4	JazzOrg2
177	17	16	Detune Organ 2	DetOrgn2
178	18	0	Rock Organ 3	RockOrg3
179	18	14	Chapel Örgan	ChaplOrg
180	19	0	Church Organ 1	ChrcOrg1
181	19	8	Church Organ 2	ChrcOrg2
182	19	14	Lower Organ	LowerOrg
183	19	16	Church Organ 3	ChrcOrg3
184	19	24	Church Org.// Dynamic Choir	Chrc+Voc
185	20	0	Reed Organ	ReedOrgn
186	21	0	Musette	Accordio
187	21	8	Master	Master
188	22	0	Harmonica	Harmnica
189	22	8	Blues Harmonica	BlusHarp
190	23	0	Tango Accordion	TangoAcd
191	24	0	Nylon Guitar	NylonGt1
192	24	8	Nylon Guitar 2	NylonGt2
193	24	16	Nylon Guitar+Strings	NylGt+St
194	25	0	Steel Guitar	SteelGtr
195	25	8	12 Strings	12StrGtr
196	25	16	Mandolin	Mandolin
197	26	0	Jazz Guitar	JazzGtr1
198	26	1	Jazz Guitar 2	JazzGtr2
199	26	4	Double Jazz Guitar 1	2JazGtr1
200	26	5	Double Jazz Guitar 1 Double Jazz Guitar 2	2JazGtr2
201	26	6	Jazz Guitar + Vibes	JGtr+Vib
202	26	8	Hawaiian Guitar 1	Hawaian1
203	26	16	Hawaiian Guitar 2	Hawaian2
203	26	24	Country Guitar	CntrGtr1
205	27	0	Clean Guitar 1	CleanGt1
206	27	8	Clean Guitar 2	CleanGt2
207	27	<u>o</u> 16	Electric Guitar	ElectGtr
207	27	24	60 's Guitar	60' Gtr
209	28	0	Muted Guitar	Mute Gtr
210	28	<u> </u>	Funk Guitar 1	FunkGtr1
211	28	<u>8</u> 	Funk Guitar 1	FunkGtr2
212	29	0	Overdrive Guitar	Ovrdrive
212	30	0	Distortion Guitar	Distort
214		<u>U</u>	Feed Back Guitar	FBakGtr1
	30			
215	30	16	Distorted Guitar Vibr.	DisGtrVb Ctr Horm
216	31	0	Guitar Harmonics	Gtr Harm
217	31	8	Guitar Feed Back 2	FBakGtr2
218	32	0	Acoustic Bass 1	Ac.Bass1
219	32	1	Acoustic Bass 2	Ac.Bass2
220	32	8	Acoustic Bass 3	Ac.Bass3
221	32	16	Bass + Ride Cymbal	Bas+Ride
222	33	0	Finger Bass 1	FngBass1

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
223	33	1	Finger Bass 2	FngBass2
224	33	2	Finger // Slap Bass	Fng Slap
225	33	3	Finger Bass 3	FngBass3
226	33	8	Big Bass	BigBass
227	33	16	Big Bass Sustain	BigBassS
228	33	24	Örgan Bass 1	OrgBass1
229	34	0	Pick Bass	PickBass
230	34	8	Bass 16+8	Bass16+8
231	34	16	Bass 8	Bass 8
232	34	24	Organ Bass 2	OrgBass2
233	35	0	Fretlees Bass 1	Fretles1
234	35	8	Fretless Bass 2	Fretles2
235	36	0	Slap Bass 1	SlapBas1
236	36	8	Slap Bass 2	SlapBas2
237	37	Ö	Slap Bass 3	Slap Bas3
238	37	8	Slap Bass 4	SlapBas4
239	38	0	Synth Bass 1	SynBass1
240	38	8	Synth Bass 3	SynBass3
241	38	16	Synth Bass 5	SynBass5
242	39	0	Synth Bass 2	SynBass2
243	39	8	Synth Bass 4	SynBass4
244	40	0	Violin 1	Violin
245	40	8	Violin 2	Violin 2
246	41	0	Viola	Viola
247	42	0	Cello	Cello
248	43	0	Contrabass	ContraBs
249	44	Ö	Tremolo Strings	TremStrg
250	45	0	Pizzicato	Pizzicto
251	46	0	Harp	Harp
252	47	0	Timpani	Timpani
253	48	0	Strings Ensemble 1	Strings1
254	48	16	Dynamic Orchestra	DynOrch
255	48	25	Orchestra + Flute	Orc+Flut
256	48	26	Orchestra + Oboe	Orc+Oboe
257	48	27	Orchestra + Horn 1	Orc+Hor1
258	48	28	Orchestra + Horn 2	Orc+Hor2
259	49	0	Strings Ensemble 2	Strings2
260	49	8	Octa Strings 1	OctaStr1
261	49	16	Strings Ensemble 3	Strings3
262	49	17	Octa Strings 2	OctaStr2
263	49	18	Accomp. Strings 1	AccStr1
264	49	19	Accomp. Strings 2	AccStr2
265	50	0	Synth Strings 1	SynStrg1
266	51	0	Synth Strings 2	SynStrg2
267	52	0	Choir Aah	ChoirAah
268	52	4	Choir Aah + Voice	Aah+Voic
269	52	8	Big Choir	BigChoir
270	52	16	Choir+Strings 1	Voc+Str1
271	52	17	Choir+Strings 2	Voc+Str2
272	52	18	Strings + Voice	Str+Voic
273	52	24	Choir + Organ	Voic+Org
274	52	25	Choir + Principal 8'	Voc+Prn8
275	53	0	Scat Voice	ScatVoic
276	54	0	Synth Voice	SynVoice
277	54	8	Pop Voice	PadVoice
278	54	16	Soft Pad	SoftPad
210	J 34	10	JUILFAU	Suitrau

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
279	55	0	Orchestra Hit	Orch Hit
280	56	0	Trumpet	Trumpet
281	56	8	Trumpet2	Trumpet2
282	56	16	Trumpet3	Trumpet3
283	57	0	Trombone 1	Trombon1
284	57	4	Trombone 2	Trombon2
285	57	8	Mellow Trombone	MelTromb
286	57	24	Soft Trombone	SoftTrom
287	58	0	Tuba	Tuba
288	58	8	Tuba 2	Tuba2
289	59	0	Muted Trumpet	MuteTrum
290	60	Ö	French Horn 1	FrenchHr
291	60	8	French Horn 2	FrnchHr2
292	60	16	Horn Section	HornSec
293	60	17	Flugel Horn	FlugelHr
294	61	0	Brass	Brass
295	61	3	Soft Brass 1	SoftBras
296	61	4	Soft Brass 2	SftBras2
297	61	8	Soft Brass 3	SftBras3
298	61	9	Soft Brass 4	SftBras4
299	61	16	Big Brass 1	BigBras1
300	61	24	Big Brass 2	BigBras2
301	61	25	Big Brass 3	BigBras3
302	61	26	Big Brass 3	BigBras4
	62		Synth Brass 1	SynBras1
303	62	<u> </u>	Synth Brass 3	
304	63	0		SynBras3
305			Synth Brass 2	SynBras2
306	63	8	Synth Brass 4	SynBras4
307	64	0	Soprano Sax	SprnoSax
308	65	0	Alto Sax 1	Alto Sax
309	65	8	Alto Sax 2	AltoSax2
310	65	16	Circus Sax	CircusSx
311	66	0	Tenor Sax	TenorSax
312	66	16	Tenor Sax Vibrato	TenSaxVb
313	66	24	Sax Section 1	SaxSect1
314	66	25	Sax Section 2	SaxSect2
315	66	26	Sax Section 3	SaxSect3
316	67	0	Baritone Sax	Bari Sax
317	68	0	Oboe	Oboe
318	69	0	English Horn	EnglHorn
319	70	0	Bassoon	Bassoon
320	71	0	Clarinet	Clarinet
321	71	4	Clarinet Vibrato	ClarinVb
322	71	8	Mellow Clarinet	MelClari
323	71	16	Circus Clarinet	CircusCl
324	71	24	Clarinet Section	ClariSec
325	72	0	Piccolo	Piccolo
326	73	0	Flute	Flute
327	73	8	Jazz Flute	JazFlute
328	74	0	Recorder	Recorder
329	75	0	Pan Flute	PanFlute
330	76	0	Blow Bottle	Bottle
331	77	0	Shakuhachi	Shakhchi
332	78	0	Whistle	Whistle
333	79	0	Ocarina	Ocarina
334	80	0	Square 1	Square1

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
335	80	1	Square 2	Square2
336	80	8	Syn Wave	SynWave
337	81	0	Saw Tooth	Saw 1
338	81	1	Saw Tooth 2	Saw 2
339	81	8	Syn Flute	SynFlute
340	82	0	Calliope	Calliope
341	83	0	Chiff	Chiff
342	84	0	Charang	Charang
343	85	0	Voice	Voice
344	85	8	Voice Sust.	VoiceSus
345	86	0	Fifths	Fifth
346	87	0	Bass Lead 1	BasLead1
347	87	8	Bass Lead 2	BasLead2
348	88	0	Fantasy 1	New Age
349	88	8	Orchestra Bell	OrchBell
350	88	16	Fantasy 2	Fantasy
351	89	0	Warm Pad	WarmPad
352	90	0	Polysynth	Polysynt
353	91	0	Choir	Choir
354	92	0	Bowed	Bowed
355	93	0	Metallic	Metallic
356	94	0	Halo	Halo
357	95	0	Sweep	Sweep
358	96	0	Ice Rain	Ice Rain
359	97	0	Soundtrack	SoundTrk
360	98	0	Crystal	Crystal
361	99	0	Atmosphere 1	Atmosph1
362	99	8	Atmosphere 2	Atmosph2
363	100	0	Brightness	Brightns
364	101	0	Goblins	Goblins
365	101	8	Ghost	Ghost
366	102	0	Echoes	Echoes
367	102	2	Echo Pan	EchoPan
368	103	0	Sci-fi	SciFi
369	103	0	Sitar	Sitar
370	105	0	Banjo	Banjo
371	106	0	Shamisen	Shamisen
372	107	0	Koto 1	Koto 1
373	107	8	Koto 2	Koto 2
374	107	0	Kalimba	Kalimba
375	109	0	Bagpipe	Bagpipe
376	1109	0	Fidale	Fiddle
377	111	0	Shanai	Shanai
378	112	0	Tinkbell	TnklBell
379	113	0	Agogo	Agogo
380	113	0	Steel Drum	Stl Drum
381	114	0	Wood Block	WoodBlok
382	115	8	Castanet	Castanet
383	116	0	Taiko Drum	TaikoDrm
384	116	8	Concert Bass Drum	ConBasDr
			Melodic Tom 1	
385	117	0	Molodio Tom 2	MelTom1
386	117	8	Melodic Tom 2	MelTom2
387	118	0	Syn Drum 1	SynDrum1
388	118	8	Syn Drum 2	SynDrum2
389	118	9	Syn drum 3	SynDrum3
390	119	0	Reverse Cymbal	RevCymbl

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
391	120	0	Guitar Fret Noise	FretNois
392	120	1	Guitar Cut Noise	CutNois
393	120	2	String Slap	StrgSlap
394	121	0	Breath Noise	BrthNois
395	121	1	Key Click	KeyClick
396	122	0	Sea Shore	Seáshore
397	122	1	Rain	Rain
398	122	2	Thunder	Thunder
399	122	3	Wind	Wind
400	122	4	Strema	Stream
401	122	5	Bubbole	Bubble
402	123	Ö	Birds	Tweet
403	123	1	Dog	Dog
404	123	2	Horse	Horse
405	123	3	Birds 2	Birds
406	124	0	Telephone 1	Telphon1
407	124	1	Telephone 2	Telphon2
408	124	2	Door Open	DoorOpen
409	124	3	Door Close	DoorClos
410	124	4	Scratch	Scratch
411	124	5	Wind Chime	WndChime
412	125	0	Helicopter	Helicptr
413	125	1	Car Start	CarStart
414	125	2	Car Break	CarBreak
415	125	3	Car Pass	CarPass
416	125	4	Car Crash	CarCrash
417	125	5	Police	Police
418	125	6	Train	Train
419	125	7	Jet	Jet
420	125	8	Star Ship	StarShip
421	125	9	Burst Noise	Burst
422	126	0	Applause	Applause
423	126	1	Laughing	Laughtin
424	126	2	Screaming	Scramin
425	126	3	Punch	Punch
426	126	4	Heart Beat	Heart
427	126	5	Foot Step	FootStep
428	126	6	Yeah	Yeah
429	126	7	One	One
430	126	8	Two	Two
430	126	9	Three	Trhree
431	126	10	Four	Four
433	127	0	Gun Shot	GunShot
434	127	1	Machine	Machine
434	127	2	Laser Gun	LaserGun
436	127	3	Explosio	Explosion
437	0	32	Bassoon	Bassoon
437	1	32	Cassotto	Cassotto
439	2	32	Double Basson	D.Basson
440	3	32	16+16+8	16+16+8
441	4	32	Bandon1	Bandon1
441	5	32	Bandon2	Bandon2
442	6	32	Tuba Fisa	TubaFisa
			Accordeon	Accord
444	7	32	Horn	Horn
	8	32		
446	9	32	Organ	Organ

NR	PROG CHANGE	BANK	NAME	NAME ON DISPLAY
447	10	32	Harmonium	Harmon
448	11	32	Master 1	Master 1
449	12	32	Master 2	Master 2
450	13	32	Master 3	Master 3
451	14	32	Master 4	Master 4
452	15	32	Master 5	Master 5
453	16	32	Master 6	Master 6
454	17	32	Musette	Musette
455	18	32	French	French
456	19	32	Italian Accordion	Italian
457	20	32	Brilliant	Brillant
458	21	32	Violino	Violino
459	22	32	Celeste	Celeste
460	23	32	Tremolo	Tremolo
461	24	32	American Tremolo	AmerTrem
462	25	32	Tango Accordion	T.Accord
463	26	32	Musette+Piccolo	Mus+Picc
464	27	32	Oboe1	Oboe 1
465	28	32	Oboe 2	Oboe 2
466	29	32	Clarinet	Clarinet
467	30	32	Flute	Flute
468	31	32	Piccolo	Piccolo
469	32	32	Diatonic	Diatonic
470	33	32	Diatonic Bass	DiatBass
471	34	32	Diatonic Chord	DiatChrd
472	35	32	Accordion Bass 1	AccBass1
473	36	32	Accordion Bass 2	AccBass2
474	37	32	Accordion Chord 1	AccChrd1
475	38	32	Accordion Chord 2	AccChrd2
476	39	32	Accordion Chord 3	AccChrd3
477	Drum kits		STANDARD	Standard
478	"		ROOM	Room
479	"		POWER	Power
480	"		ELECTRIC	Electric
481	"		DANCE	Dance
482	"		JAZZ	Jazz
483	"		BRUSH	Brush
484	"		CLASSIC	Classic
485	"		EFFECTS	Effects

STYLE LIST

NR	STYLE NAME		
	8 BEAT		
01	8 Beat		
02	8 Beat 2		
03	8 Beat 3		
04	8 Beat 4		
05	8 Beat 5		
06	8 Beat 6		
07	60' Organ		
08	60' Pop		
09	Modern 3/4		
10	Folk Pop		
11	8 Beat Modern		
12	60' 8 Beat		
	16 BEAT		
13	16 Beat		
14	16 Beat 2		
15	16 Beat 3		
16	Pop Shuffle		
17	Pop Organ		
18	Kool Shuffle		
19	Fusion		
20	New Age		
20	BALLAD		
21	Ballad		
22	Ballad 2		
23	Soft Ballad		
24	New Ballad		
25	50' Ballad		
26	Pop Ballad		
27	Nice&Esy		
28	Love Song		
29	Slow Ballad		
30	Slow Rock		
31			
32	Slow Rock 2 Slow Rock 3		
32	DANCE		
33	Swing House		
34	Club Latin		
35	UK Pop		
36	British		
	HH Groove		
37 38			
	Hip Hop		
39	Techno		
40	Motsound		
41	Acid Jazz		
42	Rap		
43	Funk		

NR	STYLE NAME
NIX	DISCO
44	Disco
45	Disco 2
46	Disco 3
47	Disco 4
48	60' Disco
49	60' Disco 70' Disco
50	70' Disco 2
51	70' Disco 2 70' Disco 3
52	70' Disco 4
53	Philly
54	Soul
55	Swing Rock
56	Pick Up
	BIG BAND & SWING
57	Basie
58	Dance Band
59	Slow Band
60	Mute Band
61	Siwng Band
62	Show Band
63	Show Time
64	Show Ballad
65	Big Band Ballad
66	Big Band fast
67	30' Swing
68	Big Band Swing
69	Broadway
70	Easy Jazz
71	Easy Jazz 2
72	Swing
73	Slow Swing
74	Fast Swing
75	Fast Swng 2
76	20' Swing
77	Bounce
78	Modern Jazz
79	Jazz Man
80	Piano Bar
81	Lounge Piano
82	Dixie
83	Dixie 2
84	Dixie 3
85	Dixie Bar
86	Hully Gully
	ROCK & BOOGIE
87	Rock

NR	STYLE NAME
88	Rock 2
89	Rock 3
90	Rock & Roll
91	50' Rock & Roll
92	50' Rock
93	Jazz Rock
94	Jazz Rock 2
95	Boogie
96	Boogie 2
97	Jive
98	Piano Boogie
99	Shuffle
100	Shuffle Piano
101	Twist
102	Ragtime
103	Ragtime2
104	Stride Stride Piano
105 106	
	Cool Jazz Honky Tonk
107	BLUES & GOSPEL
108	Bluesy
109	Blues
110	Blues 2
111	Rhithm & Blues
112	Blues Man
113	Gospel
114	Gospel 2
115	Gospel 3
116	Gospel 4
117	Gospel Shuffle
	COUNTRY
118	Country 1
119	Country 2
120	Country 3
121	Country 4
122	Slow Country
123	Country Pop
124	Country 2/4
125	Country 3/4
126	Country Waltz
127	8 Beat Country
128	Country 2 Beat
129	Country Beat
130	Country Rock
131	Country Rok 2
132	Bluegras

NR	STYLE NAME		
133	50' Shuffle		
134	70' Shuffle		
135	Sixtiees		
136	Western		
130	vvestern LATIN 1		
137	Bossa		
138	Bossa 2		
139	Bossa 3		
140	Jazz Bossa		
141	Slow Bossa		
142	Benson Nova		
143	Modern Bossa		
144			
	Modern Latin		
145	Latin Jazz		
146	Latin Jazz 2		
147	Samba		
148	Samba 2		
149	Samba 3		
150	Samba Organ		
151	Samba Pop		
152	Disco Samb		
153	Disco Samb 2		
154	Salsa		
155	Guaracha		
156	Macarena		
157	Bajon		
158	Limbo		
	LATIN 2		
159	Rhumba		
160	Rhumba 2		
161	Rhumba 3		
162	Rhumba 4		
163	Rhumba 5		
164	Beguine		
165	Beguine 2		
166	Mambo		
167	Disco Mambo		
168	Cha Cha		
169	Cha Cha 2		
170	Cha Cha 3		
171	Bolero		
172	Bolero 2		
173	Meneito		
174	Meneito 2		
175	Talisman		
176	Merengue		
177	Merengue 2		
178	Bamba		
179	Gipsy		
179			

NR	STYLE NAME		
180	Reggae		
181	Reggae 2		
182	Lambada		
	BALLROOM		
183	Tango		
184	Tango 2		
185	Tango 3		
186	Habanera		
187	Paso Doble		
188	Paso Doble 2		
189	Flamenco		
190	Corrida		
191	Argentino		
192	Charleston		
193	Slow Fox		
194	Soft Shoe		
195	Fox Trot		
196	Fox Trot 2		
197	Fox Trot 3		
198	Fox Trot 2 Fox Trot 3 Fox Trot 4		
199	Euro Fox		
200	Vox Swing		
201	Sing Song		
202	Barndance		
203	Quick Step		
204	Quick Step 2		
205	Quick Step 3		
206	Quick Step 4		
207	Organ Quick Step		
208	Easy Quik		
209	Theatre		
210	Theat 2/4		
211	Theat 6/8		
212	Tip Tap		
	WORLD		
213	March 2/4		
214	March		
215	March 6/8		
216	March 68		
217	Tarantella		
218	Saltarello		
219	Polka		
220	Polka 2		
221	Pop Polka		
222	Polka Italiana		
223	Party Polka		
224	Ober Polka		
225	Quadriglia		
226	Reel 2/4		

NR	STYLE NAME			
227	Reel 6/8			
228	Irish Jig			
229	Hawaiian			
230				
	Sirtos Lullaby Waltz			
231				
	Slow 6/8			
233	Piano Ballad			
234	Baroque			
235	Baroque 2			
236	Calipso			
237	Arabic 1			
238	Arabic 2			
239	Arabic 3			
240	Zebekiko			
241	Eastern			
	WALTZ			
242	Waltz			
243	Standad Waltz			
244	Orchestra Walz			
245	Slow Waltz			
246	Slov Waltz 2			
247				
248	Elegan Waltz Organ Waltz			
249	Jazz Waltz			
250	Modern Waltz			
251	Musette			
252	Oompah			
253	Tirol Waltz			
254	Traditional Waltz			
255	Mazurka			
256	Mazurka 2			
257	Mazurka 3			
258	Mazurka 4			
259	Vienna			
260	Viennese			
-				



Drum K	it - 9 -				
	STANDARD	ROOM	POWER	ELECTRIC	DANCE
24 - C1	Fingers Snap Left	Fingers Snap Left	Fingers Snap Left Finger Snap Right Snare Roll	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
27 - D#1		High Q	High Q	High Q	High Q
28 - E1	Slap	Slap	Slap	Slap	Slap
29 - F1	Scratch Push Scratch Pull	Scratch Push Scratch Pull	Scratch Push Scratch Pull	Scratch Push Scratch Pull	Scratch Push Scratch Pull
31 - G1	Sticks	Sticks	Sticks	Sticks	Sticks
32 - G#1		Square Click	Square Click	Square Click	Square Click
33 - A1	Metron, Click	Metron, Click	Metron, Click	Metron, Click	Metron, Click
	Metron. Bell	Metron. Bell	Metron. Bell	Metron. Bell	Metron. Bell
35 - B1	Bass Drum 2	Bass Drum 2	Bass Drum 2		808 Bass Drum 2
36 - C2	Bass Drum 1	Bass Drum 1	Bass Drum 1	El. Bass Drum 1	808 Bass Drum 1
37 - C#2	Bass Drum 1 Side Stick	Side Stick	Side Stick	Side Stick	Side Stick
38 - D2	Snare Drum 1	Snare Drum 1	Gated Snare	El. 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		808 Low Tom 2
42 - F#2		Close Hi-Hat	Close Hi-Hat	Close Hi-Hat	808 Close Hi-Hat
43 - G2	H. Floor Tom		Room Low Tom 1	El. Low Tom 1	808 Low Tom 1
	Pedal Hi-Hat	Pedal Hi-Hat	Pedal Hi-Hat	Pedal Hi-Hat	808 Pedal Hi-Hat
45 - A2	Low Tom	Open Hi-Hat	Room Mid Tom 2 Open Hi-Hat	Open Hi-Hat	808 Mid Tom 2 808 open Hi-Hat
40 - A#Z	Open Hi-Hat Low Mid Tom			El. Mid Tom 1	808 Mid Tom 1
47 - B2 48 - C3	Hi Mid Tom	Room Hi Tom 2	Room Hi Tom 2	El. Hi Tom 2	808 Hi Tom 2
49 - C#3	Crash Cymbal1	Crash Cymbal1	Crash Cymbal1	Crash Cymbal1	808 Crash Cymb 1
50 - D3	High Tom	Room Hi Tom 1	Room Hi Tom 1	El. Hi Tom 1	808 Hi Tom 1
	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	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 Cymbalal 2	Ride Cymbal 2	Ride Cymbal 2
60 - C4	Hi Bongo	Hi Bongo	Hi Bongo	Hi Bongo	Hi Bongo Low Bongo
62 - D4	Low Bongo Mute Hi Conga	Low Bongo Mute Hi Conga	Low Bongo Mute Hi Conga	Low Bongo Mute Hi Conga	808 Mute Hi Cong
63 - D#4	Open Hi Conga	Open Hi Conga	Open Hi Conga	Open Hi Conga	808 Open Hi Cong
64 - F4	Open Hi Conga Conga Low	Conga Low	Conga Low	Conga Low	808Low Conga
65 - F4	High Timbale	High Timbale	High Timbale	High Timbale	High Timbale
	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	Cabala
70 - A#4		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
/3 - C#5	Short Guiro	Short Guiro	Short Guiro	Short Guiro	Short Guiro
74 - D5 75 - D#5	Long Guiro	Long Guiro	Long Guiro	Long Guiro	Long Guiro 808 Claves
	Hi Woodblok	Claves Hi Woodblok	Claves Hi Woodblok	Claves Hi Woodblok	Hi Woodblok
76 - E5 77 - F5	Low Woodblok	Low Woodblok	Low Woodblok	Low Woodblok	Low Woodblok
	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica
79 - G5	Open Quica	Open Quica	Open Quica	Open Quica	Open Quica
80 - G#5	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle
81 - A5	Mute Triangle 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
86 - D6	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo
	Open Surdo	Open Surdo	Open Surdo	Open Surdo	Open Surdo
88 - E6					

Drum K	it - h -				
	JAZZ	BRUSH	CLASSIC	SOUND FX	
24 - C1	Fingers Snap Left	Fingers Snap Left	Fingers Snap Left	XXXXXXXXXXX	
25 - C#1	Finger Snap Right	Finger Snap Right	Fingers Snap Left Finger Snap Right Snare Roll	XXXXXXXXXXX	
26 - D1 27 - D#1	Share Roll	High Q	Closed Hi-hat	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
28 - E1	Slap	Slap	Pedal Hi-Hat	XXXXXXXXXXXXX	
29 - F1	Scratch Push	Scratch Push	Open Hi-Hat	XXXXXXXXXXXXX	
	Scratch Pull	Scratch Pull	Ride Cymbal	XXXXXXXXXXXX	
31 - G1	Sticks	Sticks	Sticks	XXXXXXXXXXX	
	Square Click	Square Click	Square Click	XXXXXXXXXXXX	
33 - A1	Metron, Click	Metron, Click	Metron, Click	XXXXXXXXXXXX	
35 - B1	Metron. Bell Bass Drum 2	Metron. Bell Bass Drum 2	Metron. Bell Bass Drum 2	XXXXXXXXXXXXXXX	
36 - C2	Bass Drum 1	Bass Drum 1	Bass Drum 1	XXXXXXXXXXXXX	
37 - C#2	Bass Drum 1 Side Stick	Side Stick	Side Stick	XXXXXXXXXXXX	
38 - D2	Jazz Snare 2	Brush Tap	Concert SD	XXXXXXXXXXXX	
	Hand Clap	Brush Slap	Castanets	High Q	
40 - E2	Jazz Snare 1	Brush Swirl	Concert SD	Slap	
41 - F2	Low Floor Tom	Low Floor Tom	Timpani F	Scratch Push	
	Close Hi-Hat H. Floor Tom	Close Hi-Hat H. Floor Tom	Timpani F# Timpani G	Scratch Pull Sticks	
	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	
	Crash Cymbal1	Crash Cymbal1	Timpani C#	Guitar Cut Noise 2	
50 - D3	High Tom Ride Cymbal 1	High Tom Ride Cymbal 1	Timpani D Timpani D#	Double Bass Slap 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	Tambourine	Punch	
55 - G3	Splash Cymbal	Splash Cymbal	Splash Cymbal	Heart Beat	
56 - G#3		Cowbell	Cowbell	Foot Step 1	
57 - A3	Crash Cymbal2 Vibraslap	Crash Cymbal2 Vibraslap		Foot Step 2	
59 - B3	Ride Cymbal 2	Ride Cymbal 2	Vibraslap Concert Cymb. 1	Applause Door Creaking	
	Hi Bongo	Hi Bongo	Hi Bongo	Door Closing	
	Low Bongo	Low Bongo	Low Bongo	Scratch	
62 - D4	Mute Hi Čonga	Mute Hi Čonga	Mute Hi Čonga	Wind Chime	
63 - D#4	Open Hi Conga Conga Low	Open Hi Conga	Open Hi Conga	Car Start	
64 - E4		Conga Low	Conga Low	Car Breaking	
65 - F4	High Timbale Low Timbale	High Timbale Low Timbale	High Timbale Low Timbale	Carr Pass Car Crash	
	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	
	Short Guiro	Short Guiro	Short Guiro	Machine Gun	
74 - D5 75 - D#5	Long Guiro	Long Guiro Claves	Long Guiro Claves	Laser Explosion	
	Hi Woodblok	Hi Woodblok	Hi Woodblok	Dog	
77 - F5	Low Woodblok	Low Woodblok	Low Woodblok	Horse	
	Mute Cuica	Mute Cuica	Mute Cuica	Birds	
79 - G5	Open Quica	Open Quica	Open Quica	Rain	
80 - G#5	Mute Triangle Open Triangle	Mute Triangle	Mute Triangle	Thunder	
81 - A5 82 - A#5	Open Triangle	Open Triangle	Open Triangle	Wind	
82 - A#5 83 - B5	Jingle Bell	Shaker Jingle Bell	Shaker Jingle Bell	Seashore Rain 2	
84 - C6	Bell Tree	Bell Tree	Bell Tree	Bubbles	
		Castanets	Castanets	Yeha	
86 - D6	Mute Surdo	Mute Surdo	Mute Surdo	XXXXXXXXXXXX	
87 - D#6	Open Surdo	Open Surdo	Open Surdo	F6 One F#6-Two	
88 - E6			Applause	G6 Three G#6-Four	

MIDI Implementation Chart

Function	Transmitted	Recognized	Remarks
Basic Default	1-16CH	1-16CH	
Channel Changed	1-16CH	1-16CH	
Default	Mode 3	1	
Mode Messages	X 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	O 9nH,v=0 or 8nh	
Affter Key's	X X	X	
Pitch Bender	0	0	
Control Change 0,32	X	0	Bank Select MSB.LSB
6,38	x x	0	Date entry MSB,LSB
7	Ô	0	Volume
10	0	0	Pan
10		0	Expression
	X		Sustain
64	0	0	Sostenuto
66	X	X	DSP TYPE
80	X	0	Portamento control
84	0	0	DSP DEPTH
91	0	0	
96,97	X	0	Date increment, decrement
100,101	0	0	RPN LSB,MSB
120	0	0	All sound off
121	X	0	Reset all Controllers
Programe	O 0-127	O 0-127	
Change : True	0-127	0-127	
System Exclusive	X	X	
System : Song Position	X	X	
: Song Select	X	X	
Common : Tune	X	X	
Aux : Local on/off	X	X	
: All Notes Off	0	0	
Messages : Active Sense	X	X	
: Reset	0	0	