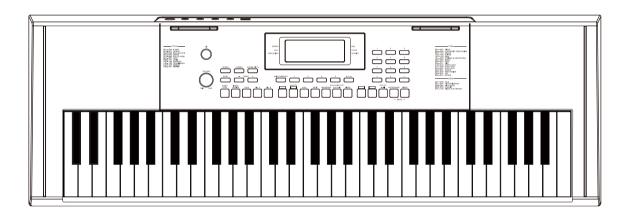


# **Owner's Manual**



Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY"). After reading, keep the document(s) where it will be available for immediate reference.

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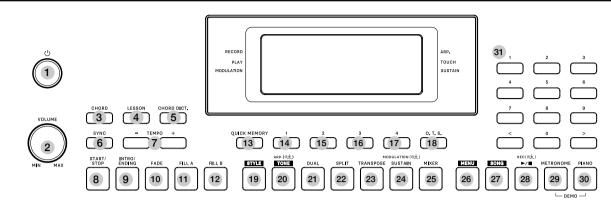
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## **Front Panel**

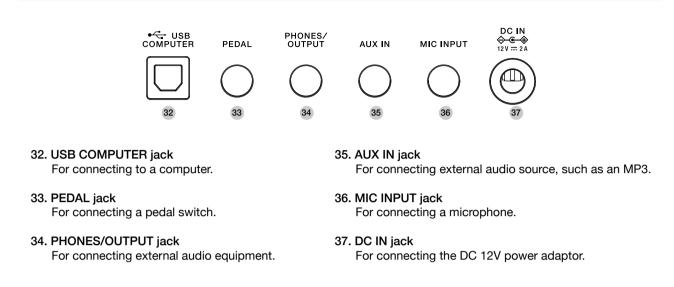


- 1. [POWER] switch Switches the power on or off.
- 2. [VOLUME] knob Adjusts the master volume.
- 3. [CHORD] button Lets you access the Chord mode.
- 4. [LESSON] button Lets you access the Lesson mode.
- 5. [CHORD DICT.] button Turns the chord dictionary on or off.
- 6. [SYNC] button Turns the sync function on or off.
- 7. TEMPO[-]/[+] buttons Adjusts the current tempo.
- 8. [START/STOP] button Starts or stops playing the style.
- 9. [INTRO/ENDING] button Plays the intro or ending.
- 10. [FADE] button Turns fade-in or fade-out on or off.
- 11. [FILL A] button Plays fill A.
- 12. [FILL B] button Plays fill B.
- 13. [QUICK MEMORY] button Registers the panel settings.
- 14~17. [1]~[4] buttons Recalls a registered panel setting.
- 18. [O.T.S.] button Turns one touch setting function on or off.

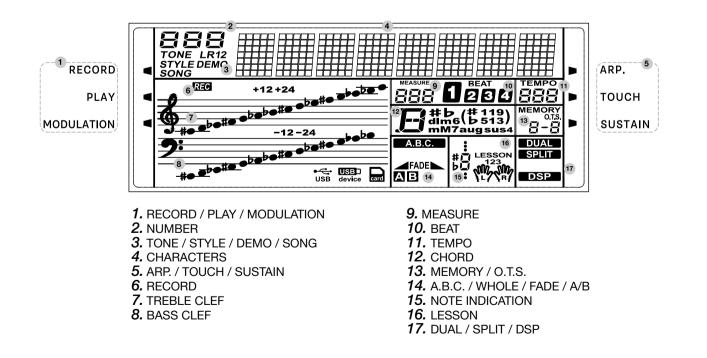
- **19. [STYLE] button** Lets you access the Style mode.
- 20. [TONE] button
  Lets you access the Tone mode.
  [ARP.(⊙火)]
  Press and hold to turn arpeggiator on or off.
- 21. [DUAL] button Turns the dual function on or off.
- 22. [SPLIT] button Turns the split function on or off.
- 23. [TRANSPOSE] button Adjusts the transpose setting.
- 24. [SUSTAIN] button Turns the sustain function on or off. [морицатиом (⊙火)] Press and hold to turn modulation on or off.
- 25. [MIXER] button Lets you access the Mixer menu.
- 26. [MENU] button Lets you access the Function menu.
- 27. [SONG] button Lets you access the Song mode.
- [▶=] button
   Song mode: plays/pauses the song.
   Other mode: plays/pauses the recorded song.
   [REC(⊙±)]
   Press and hold to enter the Record mode.
- 29. [METRONOME] button Turns the metronome on or off.
- **30. [PIANO] button** Lets you access the Piano mode.
- **31.** [<]/[>] and Numeric buttons: Select the number or set parameter values.

## Panel & Display Description

### **Rear Panel**



### LCD



This section contains information about setting up your instrument and preparing to play. Please go through this section carefully before turning the power on.

## **Power Supply**

You can power the instrument by using the included power adaptor or by using batteries.

Turn down the volume of the instrument and the connected audio equipment before you switch the instrument on.

#### Using Power Adaptor

- 1. If the included power adaptor is interchangeable plug type, choose the included adaptor plug that fits the type of AC outlet used in your region. Follow the image to put the adaptor plug into the grooves of the power adaptor unit and rotate the adaptor plug clockwise to lock. If the included power adaptor is not interchangeable plug type, skip this process.
- 2. Connect the adaptor to the DC 12V jack of this instrument.
- 3. Plug the adaptor into an AC outlet.
- 4. Press the [POWER] switch, the LCD screen turns on, indicating the instrument is powered on.
- **5.** If you are ready to turn off the instrument, press and hold the [POW-ER] switch again.

#### Notes:

- 1. The power to the instrument will be turned off automatically after a pre~determined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 23).
  - The recorded song and the registered memory will be lost when the power turns off.
  - To restore power, turn the power on again.
- **2.** For your safety, please unplug the instrument when it is not in use or during a thunderstorm.

#### Using Batteries

This instrument requires six AA size or equivalent alkaline batteries for power supply.

- 1. Open the battery compartment cover located on the bottom of the instrument.
- **2.** Insert the batteries. Carefully follow the polarity markings on the cabinet.
- 3. Replace the compartment cover. Make sure it locks firmly in place.

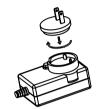
#### Notes:

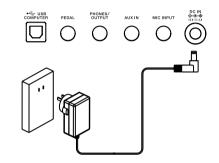
- 1. Do not mix used and new batteries.
- 2. Always use same types of batteries.
- **3.** Remove the batteries from the instrument when it is not being used for an extended period of time.
- **4.** When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.

## Setting a Music Rest

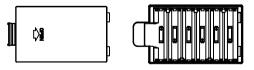
A music rest is supplied with the instrument. You can easily attach it by inserting it into the slots at the rear of the panel.

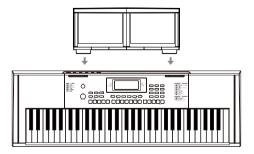












## Connecting a Computer

The instrument receives and transmits MIDI messages via the USB COMPUTER jack.

Use a USB cable to connect the instrument to a computer.

#### Notes:

- Do not set the USB MIDI device to be both input and output simultaneously when configuring the software on your computer. Otherwise, the sound will be overlapped when playing the keyboard.
- **2.** Using a USB2.0 interface is recommended when connecting the instrument to a computer.

## **Connecting a Pedal Switch**

A pedal switch can be plugged into the PEDAL jack, and you can use it to turn the sustain on or off.

When you step on the pedal, all notes you play on the keyboard will have a longer sustain.

#### Note:

Please connect the plug of the pedal to the PEDAL jack before turning the power on. The polarity of different pedals may vary. If the connected pedal switch works in reversed behavior, please plug the pedal to the PEDAL jack before turning the power on.

## **Connecting a Pair of Headphones**

A standard pair of stereo headphones can be connected to the PHONES/OUTPUT jack for private practice or late~night playing. The internal stereo speaker system is automatically shut off when a pair of headphones is plugged into this jack.

#### Note:

To avoid the risk of hearing loss, do not listen with headphones at high volume level for a long period of time.

## **Connecting an Audio Equipment**

The PHONES/OUTPUT jacks deliver the output of the instrument to external audio equipment, such as a keyboard amplifier, a stereo sound system, a mixing console, or a tape recorder. Use an audio cable to connect the OUTPUT of the instrument to the AUX IN of the external audio equipment.

#### Note:

To avoid damaging the speakers, please set the volume level to minimum before connecting to power and other devices.

## **Connecting an Audio Player**

The AUX IN jack receives audio signals from an external audio source such as a Smart Device, MP3 or CD player.

Use an audio cable to connect the AUX IN of the instrument to the OUTPUT of an audio player. The instrument's speakers will play the music transmitted from the external player, and you can play along.

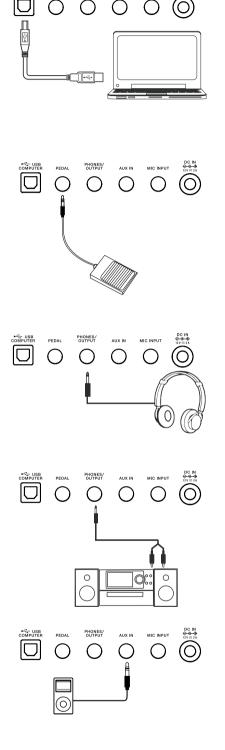
## **Connecting a Microphone**

Before connecting or disconnecting a microphone, set the master volume to minimum level.

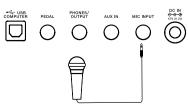
Plug a microphone into the MIC INPUT jack, then adjust the master volume to an appropriate level.

#### Note:

Please unplug the microphone when it is not used.



PHONES.



## Turning the Power On / Off

- 1. Make sure the instrument is properly connected to power supply.
- 2. Press the [POWER] switch, the LCD screen turns on, indicating the instrument is powered on.
- 3. If you are ready to turn off the instrument, press and hold the [POW-ER] switch again.

#### Note:

If the LCD isn't lit after you turn on the power, please check the power connection.

Adjusting the Master Volume Rotate the [VOLUME] knob clockwise to increase the master volume or counter-clockwise to decrease it. Adjust to set the desired volume level.

#### Note:

If the instrument keeps silent, check if the volume has been set to minimum or if headphones are plugged into the PHONES/OUTPUT jack.





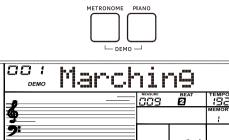
## **Playing Demo Song**

- **1.** Press the [METRONOME] + [PIANO] buttons simultaneously to loop playing all demo songs. The LCD displays the current demo number and name.
- **2.** Use the numeric buttons or [<]/[>] buttons to select a demo song.
- Press the [METRONOME] + [PIANO] buttons again to stop playing and exit demo song.
   Or you can press the [START/STOP] button to stop playing and exit

demo song.

#### Note:

While demo song is playing, all buttons and keys are unavailable except [<]/[>], Numeric buttons, [START/STOP], TEMPO[-]/[+], [VOLUME], [MET-RONOME] + [PIANO], and the [POWER] switch.



А

DSE

The instrument features a variety of built-in tones. Please refer to the "Tone List" (p. 27).

### Selecting a Tone

 Press the [TONE] button to enter Tone mode. The "TONE R1" icon on LCD lights up. The LCD displays the current tone name and number.

2. Use the numeric buttons or [<]/[>] buttons to select a tone.

3. Play the keyboard to use the tone for performance.

#### Note:

When Dual and Split functions are in use, you can press the [TONE] button repeatedly to switch between the tone layers.

## **Playing Two Tones Simultaneously**

The dual function can layer two different tones together, creating a much richer sound.

- Press the [DUAL] button to turn on the dual function. The "TONE R2" and "DUAL" icons on LCD light up. The LCD displays the current name and number for R2.
- 2. Use the numeric buttons or [<]/[>] buttons to select a tone for R2.
- **3.** Play the keyboard. You will hear two different tones layered together. It seems like two different instruments playing at the same time.
- 4. Press the [DUAL] button again to turn off the dual function.

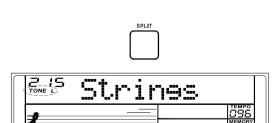
## Playing Different Tones with Both Hands

This function splits the keyboard into the left and the right hand areas, each with a different tone. The left hand tone is the split tone. The default split point is F#3 (19). You can set the split point to any key as required. Please refer to Split Point in the "Function Menu" (p. 21).

- Press the [SPLIT] button to turn on the split function. The "TONE L" and "SPLIT" icons on LCD light up. The LCD displays the current split tone name and number.
- 2. Use the numeric buttons or [<]/[>] buttons to select a split tone.
- **3.** Play the keyboard with both hands. You will hear two different tones.
- 4. Press the [SPLIT] button again to turn off the split function.

#### Notes:

- 1. When the keyboard is split, only the right hand area will use the dual tones.
- 2. You can set the volume level for each tone layer in the mixer menu. Please refer to "Mixer" (p. 17).



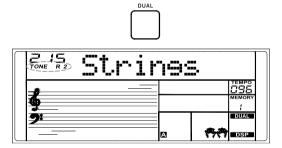
А

SDIT

CAN DSP



TONE



## **Touch Response**

The touch response feature lets you dynamically and expressively controls the level of the sound with your playing strength- just like playing on an acoustic instrument.

You can set the touch response in the "Function Menu" (p. 21).

Press the [SUSTAIN] button to turn sustain effect on or off.

you play will have a longer sustain.

effect than by using the [SUSTAIN] button.

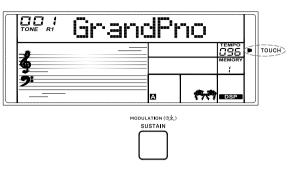
## Modulation

Sustain

Press and hold the [SUSTAIN] button to turn modulation effect on or off. When modulation is turned on, the "MODULATION" icon lights up. It will add vibrato effect to the notes you play.

When sustain is turned on, the "SUSTAIN" icon lights up. All the notes

When using a pedal switch for sustain, it will have a stronger sustain







## DSP

Note:

The DSP simulates sounds in real environment. With the DSP effect, you can add ambiance and depth to your performance in a variety of ways. DSP is turned on by default. You can turn it on or off in the "Function Menu" (p. 21).

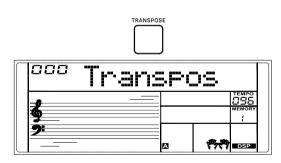
### Transpose

This function will shift the pitch of the entire keyboard in semitone steps.

- 1. Press the [TRANSPOSE] button. The LCD temporarily displays the transpose menu.
- **2.** Use the [<]/[>] buttons to change the transpose value. Press the [<] and [>] buttons simultaneously to restore the default setting.
- **3.** You can also press and hold the [TRANSPOSE] button, then press a specific key to fast set the transpose value.

Key C C# D D# E F	Transpose value
С	0
C#	+1
D	+2
D#	+3
E	+2 +3 +4 +5
F	+5
F# G G#	-6 -5
G	-5
G#	-4
А	-3 -2
A#	-2
В	-1

	Grand	JPr	10	
6				TEMPO 095 MEMORY
2		А	শ্চংশ	DSP

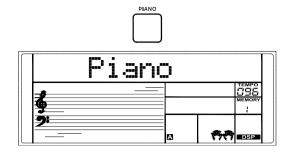


Press the [PIANO] button to enter or exit Piano mode.

In Piano mode, all parameters will be optimized for concert piano performance. You can play the accompaniment as in the other modes, but it plays only the rhythm part.

Note:

In Piano mode, Chord mode will be off automatically.



## **Auto Accompaniment**

The auto accompaniment feature puts a full backing band at your fingertips. To use it, all you have to do is to play the chords with your left hand in the selected accompaniment style, and then the accompaniment will automatically play along, instantly following the chords you play. With auto accompaniment, even a solo performer can enjoy playing with the backing of an entire band or orchestra. This instrument features a variety of styles.

Try selecting some of the different styles and enjoy the auto accompaniment feature. Please refer to the "Style List" (p. 33).

## **Selecting Chord Modes**

When Chord mode is off, you can press the [START/STOP] button to start playing the rhythm tracks.

When Chord mode is on, you can press the [START/STOP] button to start the rhythm tracks, then play a chord in the chord section to start all tracks.

In Chord mode, you can play back chords in the A.B.C mode and the WHOLE mode.

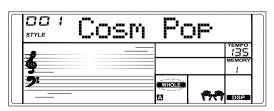
**1.** Press the [CHORD] button once to enter the "A.B.C." (Auto Bass Chord) mode.

The "A.B.C." icon on LCD lights up. The keyboard is split into two sections. Left hand section is the chord section. You can play single finger chords and multi-finger chords in the chord section.

- **2.** Press the [CHORD] button again to enter the "WHOLE" mode. The "WHOLE" icon on LCD lights up. You can play multi-finger chords over the entire keyboard.
- **3.** Press the [CHORD] button again to turn off chord mode. The "WHOLE" icon turns off.



CHORD



## Playing Auto Accompaniment (Rhythm Track)

- Press the [STYLE] button to enter Style mode. The "STYLE" icon on LCD lights up. The LCD displays the current style name and number.
- 2. Use the numeric buttons or [<]/[>] buttons to select a style.
- 3. Press the [START/STOP] button to start playing the rhythm tracks.
- 4. Or you can press the [SYNC] button to turn on the Sync function. The beats on LCD blink. The Sync function puts the playback on standby. You can press any key on the keyboard to start the rhythm tracks.

#### Note:

You can play back the rhythm tracks while Chord mode is on or off.

## Playing Auto Accompaniment (All Tracks)

- 1. Press the [CHORD] button to enter Chord mode.
- Press the [SYNC] button to turn on the Sync function. The beats on LCD blink. The Sync function puts the playback on standby. You can play a chord in the chord section to start playing all tracks.
- **3.** Or you can press the [START/STOP] button to start the rhythm tracks. Then play a chord in the chord section to start all tracks.

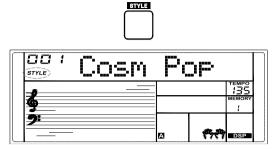
### **Accompaniment Sections**

There are various types of accompaniment sections. They are Intro, Main (A, B), Fill (A, B), and Ending.

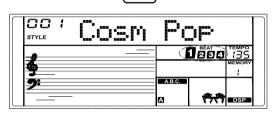
- 1. Press the [STYLE] button.
- 2. Use the numeric buttons or [<]/[>] buttons to select a style.
- **3.** Press the [CHORD] button to enter A.B.C. mode. The "A.B.C." icon on LCD lights up.
- 4. Press the [SYNC] button to enter Sync Start status.
- 5. Press the [FILL A]/[FILL B] button to select Main A or Main B.
- **6.** Press the [INTRO/ENDING] button. The icon "A" or "B" on LCD will blink, indicating playback is on standby.
- 7. Now if you play a chord in the left hand chord section, the auto accompaniment will start. When the Intro section is finished, it will automatically lead into the Main section.
- **8.** Press the [FILL A]/[FILL B] button. It will play fill A or fill B, then automatically lead to the corresponding Main section.
- Press the [INTRO/ENDING] button. The icon "A" or "B" on LCD will blink. It will play the Ending section. When the Ending is finished, the playback will stop.

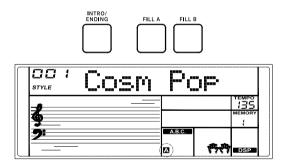
#### Note:

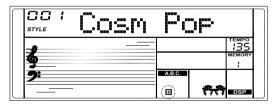
If you press the [FILL A]/[FILL B] button before the Ending is finished, it will play the selected fill then lead to the corresponding Main











## Fade In / Out

#### Fade In

When style stops, press the [FADE] button to turn on the Fade In function. The " FADE" icon on LCD light up.

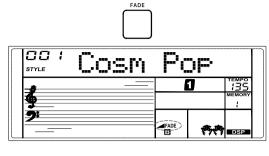
Now if you start style playback, the " FADE" icon on LCD blinks and the volume will increase from low to high.

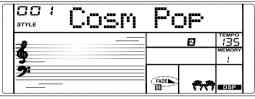
#### Fade Out

When style is playing, you can press the [FADE] button to turn on the Fade Out function. The "FADE  $\blacktriangleright$ " icon on LCD blinks. The volume will decrease from high to low until the playback stops.

#### Note:

The default fade time is 10 seconds.





## Accompaniment Volume

You can adjust the accompaniment volume to keep an appropriate balance between the accompaniment volume and the tone volume.

- 1. Press the [MIXER] button to enter the mixer menu.
- 2. Use the [<]/[>] buttons to select "Accomp".
- **3.** Press the [MIXER] button again to move the cursor to the volume level. The volume level will blink.
- **4.** Use the [<]/[>] buttons to to adjust the level. The range is OFF, 1~32.

#### Notes:

- **1.** In the mixer menu, repeatedly press the [<] and [>] buttons simultaneously to mute or unmute the accomp volume. When the accomp volume is muted, the LCD displays "OFF Accomp".
- **2.** The accomp volume is not adjustable when playing demo, song or recorded song.



## **Chord Fingering**

How the chords are played or indicated with your left hand (in the auto accompaniment section of the keyboard) is referred to as "fingering." There are 2 types of fingerings as described below.

#### **Chord Basics**

A chord, in music, is any harmonic set of three or more notes that is heard as if sounding simultaneously. The most frequently encountered chords are triads. A triad is a set of three notes that can be stacked in thirds. When stacked in thirds, the triad's members, from lowest pitched tone to highest, are called: the Root, the Third, and the Fifth.

#### Triad Type

There are following basic triad types:

	A root with a major third added above and a perfect
	fifth will consist as a "Major Triad."
Minor Triad	A root with a minor third added above and a perfect
	fifth will consist as a "Minor Triad."
Augmented Triad	A root with a major third added above and an aug-
	mented fifth will consist as an "Augmented Triad."
Diminished Triad	A root with a minor third added above and a dimin-
	ished fifth will consist as a "Diminished Triad."

#### **Chord Inversion**

We define this chord its root is not in the bass (i.e. the root is not the lowest note) as an inversion chord. When the root is in the bass, we call the chord: root-position chord. If we put the Third and Fifth in the root position, then it forms "Inversion," we call this chord "Inversion Chord." See the following major triad and its inverted chord.

#### **Chord Name**

The chord name contains two parts content: Chord root and Chord type.

#### Single Finger

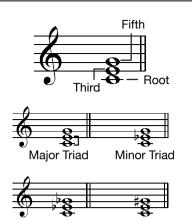
Single finger type not only can detect single finger but also can detect multi finger. And the single finger makes it easily to play chords through only one, two or three keys. Including major, minor, seventh, and minor seventh chord. Refer to relevant picture on the right for details.

#### Multi-finger

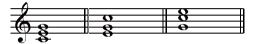
Multi-finger allows you to play chords in normal fingering. Try playing the 32 chord types in C scale as listed on the right.

#### Note:

In WHOLE mode, the entire keyboard will only recognize chords played in normal fingering.

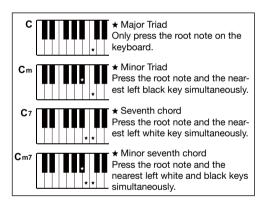


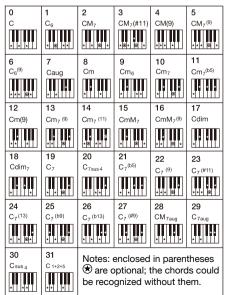
Diminished Triad Augmented Triad



Root Position First Inversion Second Inversion

Chord Root Chord Type





- **1.** Press the TEMPO[-]/[+] button to change the tempo. The tempo value on LCD blinks. The range is 5~280.
- **2.** Press and hold the TEMPO[-]/[+] button to fast change the tempo. Press the TEMPO [-] and [+] buttons simultaneously to restore the default tempo.

#### Notes:

- **1.** When style stops, if you change the style, the tempo will be reset to the default tempo of the current style.
- 2. When style is playing, if "Tempo Remain" is turned on, when you change the style, the tempo will remain unchanged. If "Tempo Remain" is turned off, when you change the style, the tempo will be reset to the default tempo of the current style. You can turn the Tempo Remain on/off in the "Function Menu" (p. 21). Tempo Remain is turned off by default.

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C		ЪС		$\supset$

## Metronome

The metronome provides a steady beat to help you practice at a preset tempo.

1. Press [METRONOME] button to turn the metronome on or off.

**2.** The default time signature is "4". You can change it in the function menu.

Press the [MENU] button to enter the function menu, then use the [<]/ [>] buttons to select "Beat". Then press the [MENU] button again to move the cursor to the beat value. Use the [<]/[>] buttons to change the beat.

#### Notes:

- **1.** The metronome will respond in the next beat if it is turned on when style is playing.
- 2. If you turn on the metronome in Record mode, the metronome sound will not be recorded.



This function can automatically generate arpeggios. Simply play a chord with your left hand, the instrument will play a preset arpeggio pattern and produce beautiful melody.

## Turn the Arpeggiator on or off

- 1. Press and hold the [TONE] button to turn on this function. The "ARP." icon lights up.
- **2.** Press and hold the [TONE] button again to turn off this function. The "ARP." icon turns off.

#### Note:

Each tone has a preset arpeggio pattern. When you change the tone, arpeggio pattern and tempo will change.

## Set the Split Point of Arpeggiator

When the arpeggiator is turned on, the keyboard will be split into two areas. Play chords in the left hand area, and melody in the right hand area. The default split point is the same as in the split function: F#3 (19).

## Mixer

You can adjust the volume of different tracks in the mixer.

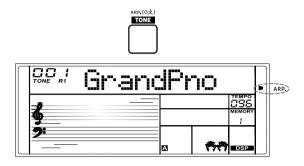
- Press the [MIXER] button to enter the mixer menu. The current mixer parameter on LCD blinks.
- 2. Use [<]/[>] buttons to select a parameter.
- **3.** Press the [MIXER] button again to move the cursor to the volume level. The volume level will blink.
- **4.** Use [<]/[>] buttons to change the volume. You can press the [<] and [>] buttons simultaneously to restore the default volume.
- 5. Press the [STYLE], [TONE] or [SONG] button to exit the mixer menu.

Detailed parameters and their volume range:

Parameter	LCD Display	Range
Accomp volume	XXX Accomp	OFF, 1~32
Rhythm track volume	XXX Rhythm	OFF, 1~32
Bass track volume	XXX Bass	OFF, 1~32
Chord 1 track volume	XXX Chord1	OFF, 1~32
Chord 2 track volume	XXX Chord2	OFF, 1~32
Chord 3 track volume	XXX Chord3	OFF, 1~32
Upper 1 track volume	XXX Upper1	OFF, 1~32
Upper 2 track volume	XXX Upper2	OFF, 1~32
Lower track volume	XXX Lower	OFF, 1~32

#### Notes:

- 1. It will exit the mixer menu if there is no operation in 60 seconds.
- 2. Repeatedly press the [<] and [>] buttons simultaneously to mute the selected track (LCD displays "OFF") or unmute it.



MIXER



This function allows you to save virtually all panel settings to a registration memory. You can instantly recall these settings by pressing a single button.

Note: The registered memory will be lost when the power turns off.

## **Registering the Panel Settings**

- **1.** The memory function is turned on by default when the power is turned on.
- **2.** When this function is turned off, you can press the [QUICK MEMORY] button to turn this function on, the "MEMORY" icon on LCD lights up.
- 3. Press and hold the [QUICK MEMORY] button, then press one of the memory buttons [1] ~ [4] to save the panel settings to that button. Note: It will overwrite the previous data saved in that button.
- 4. Parameters that can be saved to registration memory include: Tone: main tone, dual tone, split tone, DSP effects, mixer settings. Accompaniment: style, tempo, chord mode. Function: touch response and some parameters in the function menu.

## **Recalling the Registered Settings**

Press one of the memory buttons [1] ~ [4]. It will recall the settings saved in that button. This will reset related parameters on the control panel.

#### Notes:

- **1.** By default, the four memory slots are empty when the power is turned on. If you press a memory button, the LCD will display "Empty" to indicate there's no data.
- Registration memory cannot be recalled when the O.T.S. function is in use.

## **One Touch Setting**

When one touch setting function is in use, you can instantly recall the related tone settings to match the current style with a single touch of a button.

**1.** Press the [O.T.S.] button. The "O.T.S." icon on LCD lights up. If chord mode is turned off, the A.B.C. function will be turned on automatically.

If the WHOLE mode is turned on, it will stay in WHOLE mode when O.T.S. is engaged.

- 2. Press one of the O.T.S. buttons [1]–[4]. It will recall the tone and effect settings that match the selected style.
  O.T.S. parameters include:
  Main tone: volume, reverb level, octave.
  Dual tone: volume, reverb level, octave.
  Split tone: volume, reverb level, octave.
- **3.** Press the [O.T.S.] button again to turn off this function. It will automatically switch to registration memory. The "MEMORY" icon on LCD lights up.

#### Note:

Registration memory is not available when O.T.S. is in use. **18** 



00

STYLE

2

Cosm

Pop

WHOLE

А

EMPO 135

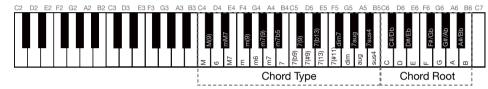
DSP

## **Chord Dictionary**

If you know the name of a chord but don't know how to play it, you can use the chord dictionary function.

- 1. Press the [CHORD DICT.] button to turn on this function. The LCD displays "DICT.".
- 2. Use the key C4 and the keys above to assign the chord type. Use the key C6 and the keys above to assign the chord root.When the chord type and chord root are assigned, the LCD will display the chord name and chord notes.
- **3.** When you play the chord correctly in the chord section, it will produce an applause sound.
- 4. Press the [CHORD DICT.] button again to exit this function.

Chord types and roots will be displayed in the Chord Reference mode as follows:



## **Playing Songs**

The instrument has a variety of songs. Please refer to the "Song List" (p. 35). Each song can be practiced in Lesson mode.

## Listening to Songs

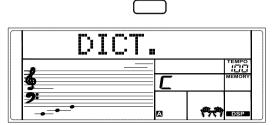
- 1. Press the [SONG] button to enter Song mode. Then press the [>=] button to start playing the song.
- 2. Use the numeric buttons or [<]/[>] buttons to select a song.
- **3.** When song is playing, press the [ ►/■ ] button to pause or continue the song playback.
- **4.** Use the TEMPO[-]/[+] buttons to change the tempo of the current song.
- **5.** When song stops, press these buttons to exit Song mode: [STYLE], [TONE], [DUAL],[SPLIT], [MENU], [MIXER], [1]-[4].

#### Note:

When song is playing, the [MENU] and [MIXER] buttons are not available.



SONG)	March	nir	19		
4			веат 2	TEMPO 192 MEMORY	
<b>?</b>		А	<b></b>	DSP	



CHORD DICT.

### Lesson Mode

In Lesson mode, you can practice song in 3 lessons. They are Lesson 1, Lesson 2 and Lesson 3. Your practice will be evaluated when you finish a lesson.

- 1. You can enter Lesson mode from Song mode. When song stops, press the [LESSON] button to enter Lesson mode or select a lesson.
- Press the [ → ] button to start the lesson. The LCD will display the notes to play.
- **3.** Press the [ ▶/■ ] button again to stop the lesson.

#### Lesson 1:

You will learn to play at the correct timing. As long as you play a key at the right time, the correct note will sound.

Lesson 2:

You will learn to play the correct notes. If you play a wrong note, the lesson will stop and wait, until you correctly play the note displayed on LCD. Lesson 3:

You will learn to play the correct notes at the correct timing.

#### Grading:

When you finish a lesson, it will evaluate your practice and tell you the grades.

Level 1: OK.

Level 2: Good.

Level 3: Very Good.

Level 4: Excellent.

After grading, the song will play back again, so you can practice again.

## **Recording and Playing Back**

You can record your performance and then play it back.

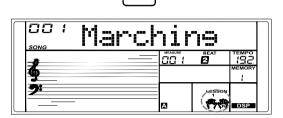
- Press and hold the [▶/■] button to enter Record mode. The "RECORD" icon blinks. The beats on LCD blink.
- 2. Play the keyboard or press the [START/STOP] button to start recording.

If you want to record accompaniment, turn on the Chord mode, then play chords in the chord section.

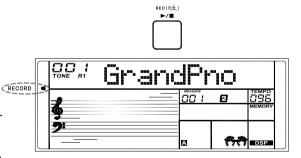
- **3.** During recording, press and hold the [ ►/■ ] button again to stop recording. The "RECORD" icon turns off.
- **4.** During recording, press the [►/■] button, it will stop recording and then play back the recording.
- 5. When in other modes (except Song mode), you can press the [ ►/■ ] button to play back the recording. The "PLAY" icon lights up.
- **6.** When the recording is playing, you can use the [►/■] button to pause or continue the playback.
- **7.** When the recording is playing, you can the [START/STOP] button to stop and exit playback. The "PLAY" icon turns off.

#### Note:

The recording data will be lost after power off.



LESSON



## **Function Menu**

- 1. Press the [MENU] button to enter the function menu. The current parameter on LCD blinks.
- 2. Use the [<]/[>] buttons to select a parameter.
- **3.** Press the [MENU] button again to move the cursor to select the value.
- **4.** Use the [<]/[>] buttons to change the value.
- **5.** Pressing the [<] and [>] buttons simultaneously to restore the default value of the current parameter.
- 6. Press the [STYLE], [TONE] or [SONG] button to exit the function menu.

Detailed parameters and their ranges:

Parameter	LCD Display	Range	Default
Tune	XXX Tune	-50 ~ 50	0
Octave	XXX Octave	-2 ~ 2	0
Split Point	XXX SplitPt	1 ~ 61	19
Beat Type	XXX Beat	0, 2 ~ 9	4
Touch Response	XXX Touch	OFF, 1~3	2
Modulation	XXX Modul	On, OFF	OFF
DSP	XXX Dsp	On, OFF	On
Reverb Type	XXX RevType	1 ~ 10	4
Reverb Level	XXX Rev Lev	0 ~ 32	13
Chorus Type	XXX ChrType	1~8	3
Chorus Level	XXX Chr Lev	0 ~ 32	0
Tempo Remain	XXX TempRmn	On, OFF	OFF
Auto Off	XXX AutoOff	OFF, 30, 60	30

#### Note:

- 1. It will exit the function menu if there is no operation in 60 seconds.
- 2. The function menu edited parameters will be lost when the power turns off.

### Tune

This function adjusts the pitch of the keyboard up or down in a 2-cent increment.

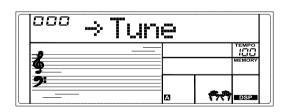
- **1.** In the function menu, press the [<]/[>] buttons to select the tune menu. The LCD displays "Tune".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

*Note:* This setting applies to both accompaniment and tone.

### Octave

This function shifts the pitch of the keyboard up or down by one octave.

- In the function menu, press the [<]/[>] buttons to select the octave menu. The LCD displays "Octave".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.





MENU

### **Split Point**

This function sets the split point for the Split mode and the Chord mode.

- In the function menu, press the [<]/[>] buttons to select the split point menu. The LCD displays "SplitPt".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

## **Beat Type**

This function sets the metronome beat type.

- **1.** In the function menu, press the [<]/[>] buttons to select the beat menu. The LCD displays "Beat".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

### **Touch Response**

This function sets the velocity response of the keyboard.

- **1.** In the function menu, press the [<]/[>] buttons to select the touch response menu. The LCD displays "Touch".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

No.	Touch Response
OFF	fixed
1	Heavy
2	Medium
3	Light

## Modulation

This function turns the modulation effect on or off.

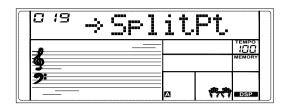
- In the function menu, press the [<]/[>] buttons to select the modulation menu. The LCD displays "Modul".
- 2. Press the [MENU] button to move the cursor to the setting.
- **3.** Use the [<]/[>] buttons to change the setting. Pressing the [<] and [>] buttons at the same time will restore the default setting.

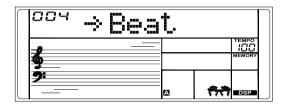
Note: Modulation is not available for percussive tones.

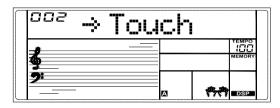
### DSP

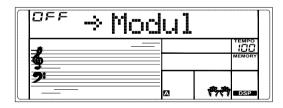
- This function turns the DSP effect on or off.
- In the function menu, press the [<]/[>] buttons to select the DSP menu. The LCD displays "Dsp".
- 2. Press the [MENU] button to move the cursor to the setting.
- **3.** Use the [<]/[>] buttons to change the setting. Pressing the [<] and [>] buttons at the same time will restore the default setting.

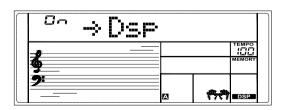
Note: When DSP is off, following Reverb and Chorus effects turn off.











## **Reverb Type**

This function selects the reverb type.

- In the function menu, press the [<]/[>] buttons to select the reverb type menu. The LCD displays "RevType".
- **2.** Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

## **Reverb Level**

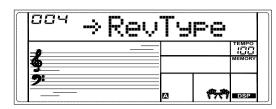
This function adjusts the reverb level.

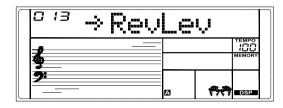
- **1.** In the function menu, press the [<]/[>] buttons to select the reverb level menu. The LCD displays "RevLev".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

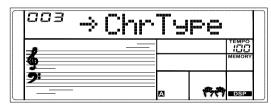
## **Chorus Type**

This function selects the chorus type.

- In the function menu, press the [<]/[>] buttons to select the chorus type menu. The LCD displays "ChrType".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.







## **Chorus Level**

This function adjusts the chorus level.

- In the function menu, press the [<]/[>] buttons to select the chorus level menu. The LCD displays "ChrLev".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.

## Tempo Remain

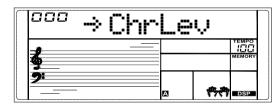
When this function is turned on, the tempo will remain unchanged when changing style during style playback.

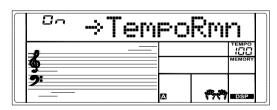
- **1.** In the function menu, press the [<]/[>] buttons to select the tempo remain menu. The LCD displays "TempoRmn".
- 2. Press the [MENU] button to move the cursor to the setting.
- **3.** Use the [<]/[>] buttons to change the setting. Pressing the [<] and [>] buttons at the same time will restore the default setting.

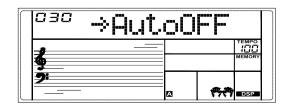
## Auto Off

The instrument will automatically shut down after 30 minutes of inactivity. Selecting "OFF" will disable this function.

- In the function menu, press the [<]/[>] buttons to select the auto off menu. The LCD displays "AutoOFF".
- 2. Press the [MENU] button to move the cursor to the value.
- **3.** Use the [<]/[>] buttons to change the value. Pressing the [<] and [>] buttons at the same time will restore the default value.







MIDI (short for Musical Instrument Digital Interface) allows a wide variety of electronic musical instruments, computers and other related devices to connect and communicate with one another. MIDI carries event messages that specify notation, pitch and velocity, control signals for parameters such as volume, vibrato, audio panning, and program change information to change the tone selections.

The instrument can output the real~time playback information via MIDI messages and control external MIDI devices. The instrument can also accept incoming MIDI messages and generate sound accordingly.

#### Note:

This instrument has a USB computer jack (p. 7), which can be conn nected to a computer as a MIDI input or MIDI output. This can not be connected with another instrument, unless the instrument has a USB host terminal.

## The main application of MIDI

**1.** Used as a tone generator.

This instrument can receive MIDI data from computer, and execute MIDI controls to change channels, change tones, add effect and make sound and so on. Refer to MIDI Implementation Chart for more MIDI controls.

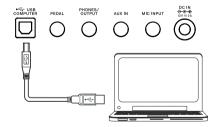
2. Used as a MIDI Keyboard

When you play the keyboard, change the tones or turn the DSP on/ off, the instrument will send MIDI data to the computer, which will be saved as records (It only records your keyboard performance when playing along with accompaniment.) You can edit the records on the computer, such as changing the channels or tones, adding DSP effects. Then play back the records with the instrument or other sound source (such as a sound card). You can play the keyboard along with the playback. Refer to MIDI Implementation Chart for more MIDI controls.

## Connecting to a MIDI Software on Computer

To use the USB computer jack (p. 7) of the instrument, you may need to configure the software on computer. For example, setting Digital Audio Workstation (DAW) software under WINDOWS10 operating system:

- **1.** Use a standard USB cable to connect the instrument to computer. Make sure the instrument is turned on.
- 2. Open Digital Audio Workstation (DAW) software on computer.
- **3.** The software will automatically recognize the E-X10 USB DEVICE either as the MIDI Input or as the MIDI Output. For more configuration information, please refer to the HELP of the software.
- **4.** You can follow the above operations when using other similar MIDI software.



Problem	Possible Cause and Solution
The speakers produce a pop sound whenever the power is turned on or off.	This is normal and does not indicate a malfunction.
Speakers do not produce sound when the key- board is played.	<ol> <li>Check if the master volume is set too low.</li> <li>Check if the Upper1/Upper2/Lower sound volume is set too low in the mixer menu.</li> <li>Check if headphones are plugged into the PHONES jack.</li> </ol>
The speakers produce noise when a mobile phone is put near them.	Using a mobile phone in close proximity to the instrument may produce interference. To prevent this, turn off the mobile phone or use it farther away from the instrument.
The auto accompaniment does not play back even when sync start is engaged and a key is pressed.	You may be playing keys in the right hand range of the keyboard. To start the accompaniment with sync start, make sure to play keys in the left~hand range.
Certain notes seem to be in the wrong pitch.	Make sure that the tune value is set to 0 in the function menu.
When connecting to computer, the instrument cannot be recognized.	Check if the USB cable is firmly connected. Try connecting another USB port on the computer. This instrument is plug and play and should work without installing a driver.
The pedal does not respond.	Check if the pedal cable is firmly connected.
When using a pedal switch , it doesn't sustain the notes when the pedal is pressed, but it sustain the notes when the pedal is released.	The polarity of different pedals may vary. If the connected pedal switch works in reversed behavior, please plug the pedal to the PEDAL jack before turning the power on.
It shuts down after a period of time.	The Auto Off function will turn off the instrument after a preset period of time when the instrument is not in use. You can disable this function in the function menu.

Keyboard		61 keys with touch response	
		Multi-functional LCD	
		64	
Tone		610 presets	
Style		207 presets	
Demo song		140	
Song		140	
Layer		L, R1, R2	
Split		Yes	
Style contro	bl	Start / Stop Sync Start Intro Main (A, B) Fill (A, B) Ending Chord mode Fade in / out Accomp volume	
Chord type		32	
Reverb		10 types, 33 levels	
Chorus		8 types, 33 levels	
Effects		DSP effects, Modulation	
Mixer		Yes	
Sequencer		1 user song	
Quick Mem	ory	4 memories	
0.T.S.		Yes	
Pitch adjus	tment	Transpose, Octave, Tune	
Metronome		Yes	
Tempo		5 ~ 280	
Other contr	ol	Touch response, Arpeggiator	
	USB	USB MIDI	
	Headphone	1 standard stereo	
Connector	Output	Yes (Phones jack)	
Connector	Microphone	Yes	
	Pedal	Sustain pedal	
	Aux In	Yes	
Amplifier		2 x 2.5 watt	
Speaker		2 x 12 cm	
Power		DC 12V, 2000mA or 6 x AA Batteries	
Battery life for Continuous use		Alkaline batteries (AA, LR6): Approximately 3 hours * This figure will vary depending on the actual conditions of use.	
Dimension		947x317x100 mm	
Weight		3.9 kg	

• This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

• All specifications are subject to change without notice.

## **Tone List**

NO.	English Name	LCD Name
PIAN		
1	Grand Piano	GrandPno
2	Ballad Piano	BalladP
3	Mellow Piano	MellowP
4	Bright Piano	BrightP
5	Acoustic Piano	AcPiano
6	Acoustic Piano (dark) 1	AcPnoD1
7	Acoustic Piano (dark) 2	AcPnoD2
8	Octave Piano 1	OctPno1
9	Octave Piano 2	OctPno2
10	Piano & Choir	Pno&Cho
11	Acoustic Piano (wide)	AcPianoW
12	Analog E.Piano 1	AnEPno1
13	Analog E.Piano 2	AnEPno2
14	Analog E.Piano Wah	AnPnoWah
15	Bright Acoustic Piano 1	AcPnoB1
16	Bright Acoustic Piano 2	AcPnoB2
17	Stereo Bright Piano	AcPnoBS
18	Detuned Piano	DetunPno
19	Chorus Piano 1	ChoPno1
20	Chorus Piano 2	ChoPno2
21	Bright Piano 1 / W	AcPnoB1W
22	Bright Piano 2 / W	AcPnoB2W
23	Piano & Vibraphone	Pno&Vib
24	Electric Grand Piano	E.PianoG
24 25	Electric Grand Plano / W	E.PianoW
26 27	Stereo Synth E.Piano 1	StSyEIPn1
	Stereo Synth E.Piano 2	StSyEPn2
28	Honky-Tonk Piano	HnkyTonk
29	Honky-Tonk Dark	HnkTonkD
30	Honky-Tonk / W	HnkyTkW
31	Honky-Tonk 2 / W	HnkyTkW2
32	E.Piano 1	E.Piano 1
33	Stereo E.Piano	E.PianoS
34	50's E.Piano	50'sEP
35	E.Piano 1 / W	EPianoW1
36	E.Piano 2 / W	EPianoW2
37	E.Piano 3 / W	EPianoW3
38	E.Piano 4 / W	EPianoW4
39	E.Piano 2	E.Piano2
40	E.Piano 3	E.Piano3
41	Funk EP	FunkEP
42	Detuned E.P. 1	DetunEP1
43	Detuned E.P. 2	DetunEP2
44	Harpsichord 1	Harpsi1
45	Harpsichord 1 / W	HarpsiW1
46	Harpsichord 2 / W	HarpsiW2
47	Harpsichord Octave 1	HarpsiO1
48	Harpsichord Octave 2	HarpsiO2
49	Harpsichord Off	HarpsiOf
50	Digital E.Piano 1	DigiEP1
51	Digital E.Piano 2	DigiEP2
52	Clavichord 1	Clavi1
53	Clavichord 2	Clavi2
54	Stereo Clavichord	ClaviS
55	Clavichord / W	ClaviW
56	Clavichord Wah	ClaviWa

58	DMATIC PERCUSSION	Celesta1
58 59	- i	
	Celesta 2	Celesta2
60 61	Dark Celesta 1 Dark Celesta 2	CelestD1 CelestD2
61 62		
-	Celesta & Sine	Cele&Sin
63	Reecho Bell 1	ReBell1
64	Reecho Bell 2	ReBell2
65	Celesta & Music Box	Cel&Mbox
66	Glockenspiel	Glocken
67	Glockenspiel & Sine	Glkn&Sin
68	Children's Song	ChilSong
69	Analog Bell	AnaBell
70	Stereo Analog Bell	StAnaBel
71	Music Box	MusicBox
72	Vibraphone	Vibra
73	Vibraphone / W	VibraW
74	Vibraphone & Bell	Vibr&Bel
75	Vibraphone & Harpsichord	Vibr&Hrp
76	Marimba 1	Marimba1
77	Marimba 2	Marimba2
78	Marimba 1 / W	MarimbW1
79 79	Marimba 2 / W	MarimbW2
80	Sine Marimba	Marm&Sin
81	Stereo Marimba	MarimbaS
82		
	Marimba & Vibraphone	Marm&Vib
83	Wood Drum	WoodDrum
84	Rotating	Rotating
85	Dual Attack	DualAtta
86	Stereo TRI	StTRI
87	Xylophone 1	Xylopho1
88	Xylophone 2	Xylopho2
89	Tubular Bells 1	TubuBel1
90	Tubular Bells 2	TubuBel2
91	Tubular Bells 3	TubuBel3
92	Rotate Octave	RotateOc
93	Synth Organ Staccato 1	SyOrSta1
94	Synth Organ Staccato 2	SyOrSta2
95	Dulcimer 1	Dulcimr1
96	Dulcimer 2	Dulcimr2
ORG/		1
97	Drawbar Organ	DrawOrg
<u>98</u>	Stereo Drawbar Organ	DrawOrgS
<u>90</u> 99	Soft Stereo Drawbar Organ	DrawOrgS
<u>99</u> 100	Mellow Drawbar Organ	MellDOrg
101	Bright Drawbar Organ	DrawOrgB
		<u> </u>
102	Percussive Organ	PercOrgn
103	Percussive Organ Detuned	DePerOrg
104	Rock Organ 1	RockOrgn1
105	Rock Organ 2	RokOrgn2
106	Church Organ	ChurOrgn
107	Detuned Church Organ	DeChuOrg
108	Octave Church Organ 1	ChrOrgO1
109	Octave Church Organ 2	ChrOrgO2
110	Finale 1	Finale1
111	Finale 2	Finale2
112	Digital Organ	DigiOrg
113	Analog Organ 1	AnaOrg1
114	Analog Organ 2	AnaOrg2

445		
115	Reed Organ 1	ReedOrg1
116	Reed Organ 2	ReedOrg2
117	Stereo Reed Organ	ReedOrgS
118	Accordion 1	Acordin1
119	Accordion 2	Acordin2
120	Stereo Accordion	AcordinS
121	Harmonica	Harmnica
122	Dark Harmonica	HarmnicD
123	Tango Accordion	TangoAcd
124	Dark Tango Accordion	TangAcdD
GUIT/		
125	Nylon Guitar	NylonGtr
126	Chorus Nylon Guitar	NylonGtC
127	Stereo Nylon Guitar 1	NyInGtS1
128	Stereo Nylon Guitar 2	NyInGtS2
129	Acoustic Guitar (steel) 1	SteelGt1
130	Acoustic Guitar (steel) 2	SteelGt2
131	12 String Guitar	12StrGtr
132	Detuned Steel Guitar	DetStlGt
133	Jazz. Guitar	JazzGtr
134	Clean Guitar 1	CleanGt1
135	Clean Guitar 2	CleanGt2
136	Clean Guitar 3	CleanGt3
137	Stereo Clean Guitar	CleanGtS
138	Soft Clean Guitar	CInGtSof
139	Chord Clean Guitar	ClnGtCho
140	Electric Guitar (muted) 1	MutedGt1
141	Muted Guitar 2	MutedGt2
142	Muted Guitar 3	MutedGt3
143	Stereo Muted Guitar	MutedGtS
144	Chord Muted Guitar	MutGtCho
145	Overdrive Guitar	Ovrdrive
146	Dance Lead	DancLead
147	Distortion Guitar 1	DistGtr1
148	Distortion Guitar 2	DistGtr2
149	Analog Distortion Guitar	AnDistGt
150	5Th Distortion 1	5ThDist1
151	5Th Distortion 2	5ThDist2
152	Analog Distortion	AnaDist
153	Analog Distortion 2	AnaDist2
154	Analog Distortion Wah	AnDisWah
155	Analog Distortion Wah 2	AnDisWan AnDisWa2
156	Guitar Harmonics	GtrHarmo
BASS		
157	Acoustic Bass 1	AcoBass1
158	Acoustic Bass 2	AcoBass2
159	Acoustic Bass Detuned	DetAcoBs
160	Velocity Crossfade Bass	VelCroBs
	Jazz Style	
161	A.Bass & Mute G.T.	JazzSty ABs&MtGT
162	Î	
163	Finger Bass 1	FngBass1
164	Finger Bass 2	FngBass2
165	Finger Bass 3	FngBass3
166	Finger Bass 4	FngBass4
167	Dark Finger Bass	FngrBsD
168	Detuned Finger Bass	DetFngBs
169	Velocity Bass	VelBass
170	Bass & Distortion Guitar	Bs&DisGt
171	Pick Bass 1	PickBs1
172	Pick Bass 2	PickBs2

173	Pick Bass 3	PickBs3
174	Mute Pick Bass	PickBsM
175	Pick & Finger Bass	Pk&FgBs
176	Pick Bass & Clean Guitar	PBs&ClGt
177	Detuned Pick Bass	DetPkBs
178	Fretless Bass 1	Fretles1
179	Fretless Bass 2	Fretles2
180	Fretless Bass 3	Fretles3
181	Slap Bass 1	SlapBas1
182	Slap Bass 2	SlapBas2
183	Slap Bass 3	SlapBas3
184	Slap Bass 4	SlapBas3
185	Slap Bass 5	SlapBas5
186	Synth Bass	SynBass
187	Synth Bass 2	SynBass2
188	Synth Bass 3	SynBass3
189	Synth Bass 4	SynBass4
190	Synth Bass 5	SynBass5
	NGS & ORCHESTRAL	
191	Violin 1	Violin1
192	Violin 2	Violin2
193	2 Violin	2Violin
194	Viola 1	Viola1
195	Viola 2	Viola2
196	2 Viola	2Viola
197	Cello 1	Cello1
198	Cello 2	Cello2
199	2 Cello	2Cello
200	Contrabass 1	Contrbs1
201	Contrabass 2	Contrbs2
202	Tremolo Strings 1	TremStr1
203	Tremolo Strings 2	TremStr2
204	Tremolo Strings 3	TremStr3
205	Pizzicato Strings 1	PizzStr1
206	Pizzicato Strings 2	PizzStr2
207	Pizzicato Strings 3	PizzStr3
208	Orchestral Harp 1	Harp1
200	Orchestral Harp 2	Harp2
209	Orchestral Harp 3	Harp2
211		HarpS
	Stereo Harp	
212	Timpani 1	Timpani1
213	Timpani 2	Timpani2
214	Timpani 3	Timpani3
215	Strings Ensemble 1	Strings1
216	Strings Ensemble 2	Strings2
217	Strings Ensemble 3	Strings3
218	Boiling Strings	Boiling
219	Stereo Strings 1	StringS1
220	Stereo Strings 2	StringS2
221	Synth Strings 1	SynStrs1
222	Synth Strings 2	SynStrs2
223	Synth Strings 3	SynStrs3
224	Stereo Synth Strings 1	SynStrS
225	Stereo Synth Strings 2	SynStrS2
226	Analog Orchestra	AnaOrch
227	Analog String 1	AnaStr1
228	Analog String 2	AnaStr2
229	Slow Strings 1	SlowStr1
230	Slow Strings 2	SlowStr2

232	Choir Aahs 2	ChoirAh2
233	Dark Aahs 1	ChoAhD1
234	Dark Aahs 2	ChoAhD2
235	Stereo Aahs 1	ChoAhS1
236	Stereo Aahs 2	ChoAhS2
237	Mellow Choir Aahs	ChoAhMel
238	Aahs & SynStr	Ah&SyStr
239	Big Aahs	BigAahs
240	Analog Sound 1	AnSound1
241	Analog Sound 2	AnSound2
242	Analog Sound 3	AnSound3
243	Voice Ooh	VoiceOoh
244	Synth Voice 1	SynVoic1
245	Synth Voice 2	SynVoic1
245	Stereo Synth Voice	SynVoic2
240 247		SynVoic3
	Syhth Voice 3	
248	Homesick	Homesick
249	Child Interest	Interest
250	Child Interest 2	Intrest2
251	Mechanical Voice 1	MechaVo1
252	Mechanical Voice 2	MechaVo2
253	Child Interest Wah	InterWah
254	Orchestra Hit	OrchHit
255	Orchestra Hit Stereo	OrchHitS
256	Orchestra Hit Octave	HitOctO
BRAS	S	·
257	Trumpet	Trumpet
258	Trumpet 2	Trumpet2
259	Dark Trumpet	TrumpetD
260	Dark Trumpet 2	TrmpetD2
261	Wah Trumpet	TrumpetW
262	Trombone	Trmbone
263	Trombone 2	Trmbone2
264	Tuba	Tuba
265	Tuba 2	Tuba2
266	Muted Trumpet	MuteTrp
267	Muted Trumpet 2	MuteTrp2
268	Horn	
268 269		Horn Horn2
	Horn 2	
270	Horn 3	Horn3
271	Stereo Synth Brass	StSyBras
272	5th Horn	5thHorn
273	Brass Ensemble	Brass
274	Majestic Unison	Unison
275	Synth Brass	SynBras
276	Synth Brass 2	SynBras2
277	Synth Brass 3	SynBras3
278	Synth Brass 4	SynBras4
279	Synth Brass 5	SynBras5
280	Sharp Bras	SharpBra
281	Analog Brass	AnaBrass
282	Analog Brass 2	AnaBras2
283	Dynamics Analog Brass	DyAnaBra
284	Octave Synth Brass	SynBrasO
REED		1-7
	1	SprnSay
285 286 287 288	Soprano Sax Soprano Sax 2 Alto Sax Alto Sax 2	SprnSax SprnSax2 AltoSax AltoSax2

289	Tenor sax	TenoSax
290	Tenor sax 2	TenoSax2
291	Baritone Sax	BariSax
292	Baritone Sax 2	BariSax2
293	Oboe	Oboe
294	Oboe 2	Oboe2
295	Sweet Oboe	SwetOboe
296	English Horn	EngHorn
297	English Horn 2	EngHorn2
298	Bassoon	Bassoon
299	Bassoon 2	Bassoon2
300	Clarinet	Clarine
301	Clarinet 2	Clarine2
PIPE	oldiniot 2	Totalino
302	Piccolo	Piccolo
303	Piccolo 2	Piccolo2
303 304	Flute	Flute
304 305	Flute 2	Flute2
305 306	Recorder	Recordr
306 307	Recorder 2	Recordr2
<u>307</u> 308	Pan Flute	PanFlut
	Pan Flute 2	
309		PanFlut2
310	Blown Bottle	Bottle
311	Blown Bottle 2	Bottle2
312	Shakuhachi Shakuhachi 2	Shakchi
313	Shakuhachi 2	Shakchi2
314	Whistle	Whistle
315	Whistle 2	Whistle2
316	Ocarina Ocarina 0	Ocarina
317 SVNT	Ocarina 2	Ocarina2
	TH LEAD	Course of all
318	Square Lead	SquarLd
319	Square Lead 2	SquarLd2
	Square Lead 3	
320		SquarLd3
321	Analog Lead	AnaLead
321 322	Analog Lead Lead Sine	AnaLead SineLead
321 322 323	Analog Lead Lead Sine Lead Sine 2	AnaLead SineLead SinLead2
321 322 323 324	Analog Lead Lead Sine Lead Sine 2 Analog Electric	AnaLead SineLead SinLead2 AnaElect
321 322 323 324 325	Analog Lead Lead Sine Lead Sine 2 Analog Electric Slow Square Lead	AnaLead SineLead SinLead2 AnaElect SlowLead
321 322 323 324 325 326	Analog Lead Lead Sine Lead Sine 2 Analog Electric Slow Square Lead Analog Classic Lead	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd
321 322 323 324 325 326 327	Analog Lead Lead Sine Lead Sine 2 Analog Electric Slow Square Lead Analog Classic Lead Thick Square	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq
321 322 323 324 325 326 327	Analog Lead Lead Sine Lead Sine 2 Analog Electric Slow Square Lead Analog Classic Lead Thick Square Quint	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint
321 322 323 324 325 326 327 328 329	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine Solo	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo
321 322 323 324 325 326 327 328 329 330	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse Lead	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd
321 322 323 324 325 326 327 328 329 330 331	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine Solo	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo
321 322 323 324 325 326 327 328 329 330 331 332	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse Lead	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd
321 322 323 324 325 326 327 328 329 330 331 332	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2
321 322 323 324 325 326 327 328 329 330 331 332 333	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRI	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind
321 322 323 324 325 326 327 328 327 328 329 330 331 332 333 334	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's Digital	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRI	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 336 337 338	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2Sawtooth Lead	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2 SawLead SawLead2
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2Sawtooth Lead 2Sawtooth Lead 3	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2 SawLead SawLead3
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2Sawtooth Lead 2Sawtooth Lead 3Stereo Sawtooth	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2 SawLead2 SawLead3 SawLead3
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2Sawtooth Lead 3Stereo SawtoothStereo Sawtooth 2	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2 SawLead2 SawLead3 SawLdS SawLdS2
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 334 335 336 337 338 339 340 341 342	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse LeadPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2Sawtooth Lead 2Sawtooth Lead 3Stereo Sawtooth 2Stereo Sawtooth 2Stereo Sawtooth 3	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2 SawLead3 SawLead3 SawLead3 SawLdS2 SawLdS3
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341	Analog LeadLead SineLead Sine 2Analog ElectricSlow Square LeadAnalog Classic LeadThick SquareQuintSine SoloPulse Lead 2Mellow Wind80's DigitalClassic TRIStereo Analog Wind 2Sawtooth Lead 3Stereo SawtoothStereo Sawtooth 2	AnaLead SineLead SinLead2 AnaElect SlowLead AnClasLd ThickSq Quint SineSolo PulseLd PulseLd2 Wind 80'sDig ClassTRI StAnWind StAnWid2 SawLead2 SawLead3 SawLdS SawLdS2

040		CTh Area
346	5Th Analog	5ThAna
347	5Th Analog 2	5ThAna2
348	Vitality	Vitality
349	5th Sawtooth	5thSaw
350	5th Sawtooth 2	5thSaw2
351	Comedy	Comedy
352	Comedy 2	Comedy2
353	Warm Sawtooth	WarmSaw
354	80's Sawtooth	80'sSaw
355	Wind Chimes Lead	WChimeLd
356	5Th Digital Age	5ThDigAg
357	5Th Digital Age 2	5ThDgAg2
358	5Th Square	5ThSqu
359	5Th Square 2	5ThSqu2
360	Stereo Pulse	StPulse
361	Stereo Pulse 2	StPulse2
362	Analog Signal	AnSignal
363	Analog Signal 2	AnSignl2
364	Stereo Electronic Lead	StElecLd
365	Stereo Electronic Lead 2	StEleLd2
366	Stereo Electronic Lead 3	StEleLd3
367	Stereo Electronic Lead 4	StEleLd4
368	Calliope Lead	CalipLd
369	Calliope Lead 2	CalipLd2
370	Calliope Lead 3	CalipLd3
371	Grand	Grand
372	Grand 2	Grand2
373	Octave Pad	OctPad
374	Classic Lead	ClassLD
375	Sawtooth Wah	SawWah
376	Chiff Lead	ChiffLd
377	Chiff Lead 2	ChiffLd2
378	Chiff Lead 3	ChiffLd3
379	Charang Lead	CharnLd
380	Charang Lead 2	CharnLd2
381	Fruity Lead	FruityLd
382	Fruity Lead 2	FrutyLd2
383	Voice Lead	VoiceLd
384	Voice Lead 2	VoiceLd2
385	Robot	Robot
386	Robot 2	Robot2
387	Modulation Distortion	ModDist
388	Modulation Distortion 2	ModDist2
389	Control	Control
390	Vague Vocals	VagueVo
	Singl Synth	SinglSyn
391 392	Analog Filter	AnaFilt
		AnaVo
393 394	Analog Voice	Anavo AnaVo2
	Analog Voice 2	
395	Fifths Lead	FifthsLd
396	Retro Machine 1	Retro1
397	Retro Machine 2	Retro2
398	Bass & Lead	Bs&Lead
399	Bass & Lead 2	Bs&Lead2
400	Bass & Lead 3	Bs&Lead3
401	Classic Synth	ClassSyn
402	Classic Synth 2	ClassSy2
403	Classic Synth 3	ClassSy3
404	Electron Impac	EleImpac

406Single SawtoothSinglSaw407Analog WindAnaWind408Electron SawEleSaw409Boring SineBorSine410Steel WireSteelWir411Steel Wire 2SteelWir412Analog PulseAnaPulse413Happiness 2Happines414Happiness 3Happine3415Happiness 3Happine3416Deformation PulseDefPulseSYNTH PADMewAge Pad 2NewAgPC417New Age Pad 3NewAgPC418New Age Pad 3NewAgPC420RiseRise421PraisePraise422IntangibleIntangi423Warm DayWarmDay424Warm Day 2WarmDay425Warm Day 3WarmDay426DunhuangDunhuang427Free SpaceFreeSpaa428Plump SawtoothPlumpSaat430Double PulseDoubPul431Comedy WahComeWa432Phase ShiftPhaShift433Phase Shift 2PhaShift434Warm Pad 2WarmPad435Warm Pad 3AnaPad2436OvertureVerve437VerveVerve438Fulness PadFulnesPd439Overture WahOvertWar440Digital AgeDigitAge441Analog Pad 3AnaPad2443Analog Pad 3 <t< th=""><th>405</th><th>Elastic Across</th><th>Across</th></t<>	405	Elastic Across	Across
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442Analog Pad 2AnaPad2443Analog Pad 3AnaPad3444Analog Pad 4AnaPad4445Analog Pad 5AnaPad5446Analog WahAnaWah447SharpSharp448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth Pad 2SawPad2453Poly Synth Pad 2PlySyPd3454Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			
443Analog Pad 3AnaPad3444Analog Pad 4AnaPad4445Analog Pad 5AnaPad5446Analog WahAnaWah447SharpSharp448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth Pad 2PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad		· · · · ·	
444Analog Pad 4AnaPad4445Analog Pad 5AnaPad5446Analog WahAnaWah447SharpSharp448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth PadSawPad2453Poly Synth PadPlySyPd3454Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad		1	
445Analog Pad 5AnaPad5446Analog WahAnaWah447SharpSharp448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			
446Analog WahAnaWah447SharpSharp448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth PadPlySyPd3454Poly Synth Pad 3PlySyPd3455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad		1 <b>T</b>	
447SharpSharp448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth PadPlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			
448Warm PulseWarmPul449Warm Pulse 2WarmPul450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth PadPlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			
449Warm Pulse 2WarmPult450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth PadPlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			
450Happiness PadHappiPd451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth PadPlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad	449		WarmPul2
451Sawtooth PadSawPad452Sawtooth Pad 2SawPad2453Poly Synth Pad 2PlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad	450	1	
452Sawtooth Pad 2SawPad2453Poly Synth PadPlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad		· · · ·	
453Poly Synth PadPlySyPd454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			SawPad2
454Poly Synth Pad 2PlySyPd2455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad		Poly Synth Pad	
455Poly Synth Pad 3PlySyPd3456Modulation Distortion WahModDiWa457Choir PadChoPad			PlySyPd2
456Modulation Distortion WahModDiWa457Choir PadChoPad			PlySyPd3
457 Choir Pad ChoPad			ModDiWah
458 Choir Pad 2 ChoPad2	458	i i	ChoPad2
459 Plush Pad PlushPad	459	Plush Pad	PlushPad
	460		DawnWah
461 Chorus Pad Wah ChoPdWa	461	Chorus Pad Wah	ChoPdWah
462 Electric Pad ElecPad	462	Electric Pad	ElecPad

463	5Th PAD	5ThPad
464	Bowed Pad	BowdPad
465	Bowed Pad 2	BowdPad2
465	Bowed Pad 2	BowdPad2 BowdPad3
467	Metallic Pad	MetalPad
468	Dream	Dream
469	Dream 2	Dream2
470	Dream 3	Dream3
471	Pray	Pray
472	Digital Pad	DigiPad
473	Organ Pad Wah	OrganWah
474	Pipe Organ Pad	PipOrPd
475	Scene Pad	ScenePad
476	Halo Pad	HaloPad
477	Halo Pad 2	HaloPad2
478	Background	Backgrd
479	Background 2	Backgrd2
480	Background 3	Backgrd3
481	Background 4	Backgrd4
482	Sweep Pad	SweepPad
483	Space Pad	SpacePad
484	Digital Wah	DigiWah
485	Warm Wah	WarmWah
486	Pulse Wah	PulseWah
487	Digital Distortion Wah	DiDisWah
488	Pulse	Pulse
489	Pulse 2	Pulse2
490	Pulse 3	Pulse3
SYNT	TH SFX	
491	Rain	Rain
492	Mysterious	Mysterio
493	Clusters of Stars	Stars
494	Additive Synthesis	AddSynth
495	Want To Go	Wanttogo
496	Additive Synth Wah	AddWah
497	Soundtrack	Soundtrk
498	Wind Chimes	WChime
499	Far Away	FarAway
500	Crystal	Crystal
501	Crystal 2	Crystal2
502	Crystal 3	Crystal3
503	Drops Of Water	Water
504	Game	Game
505	Game 2	Game2
506	Fly Into Space	Fly
507	Little Funny	Funny
508	Funny Hammer	FunnyHam
509	Surface Of The Water	Surface
510	Water Drop	WaterWah
511	Atmosphere	Atmosphr
512	Clouds	Clouds
513	Clouds 2	Clouds2
514	Brightness	Bright
515	Brightness 2	Bright2
516	Life	Life
517	Life 2	Life2
518	Fresh	Fresh
		Fresh2
1519	IFresh Z	IFIESUZ
519 520	Fresh 2 Goblins	Goblins

501	Fontony	Eantoov
521 522	Fantasy Space Trojan	Fantasy
		SpaceTro
523 524	Ceremony Phonism	Ceremony Phonism
525	Phonism 2	Phonism2
526	Echoes	Echoes
527	Echoes 2	Echoes2
528	Empty	Empty
529	Empty 2	Empty2
530	Deformation	Deformat
531	Deformation 2	Deforma2
532	Sci-Fi	Sci-Fi
533	Sci-Fi 2	Sci-Fi2
534	WindBells	WindBell
535	WindBells 2	WindBel2
536	Artistic	Artistic
537	Artistic 2	Artisti2
538	Artistic 3	Artisti3
539	Artistic 4	Artisti4
540	Artistic 5	Artisti5
541	Digital Effect	DigitaEf
542	Abyss	Abyss
543	Abyss 2	Abyss2
544	Abyss 3	Abyss3
545	Spectrum	Spectrum
545 546	Spectrum 2	Spectru2
547	Spectrum 3	
WOR		Spectru3
548	Harmonium 1	Hrmnium1
549	Harmonium 2	Hrmnium2
550	Sitar 1	Sitar1
551	Sitar 2	Sitar2
552	Sitar 3	Sitar3
553	Detuned Sitar	DetSitar
554	Tanpura	Tanpura
555	Santur 1	Santur1
556	Santur 2	Santur2
557	Santur 3	Santur3
558	Cavaquinho	Cavaquinho
559	Banjo	Banjo
560	Banjo 2	Banjo2
561	Shamisen	Shamisn
562	Shamisen 2	Shamisn2
563	Shamisen 3	Shamisn3
564	Koto	Koto
565	Koto 2	Koto2
566	Koto 3	Koto3
567	Kalimba	Kalimba
568	Kalimba 2	Kalimba2
569	Kalimba 3	Kalimba3
570	Bagpipe	Bagpipe
571	Bagpipe 2	Bagpipe2
572	Fiddle	Fiddle
573	Fiddle 2	Fiddle2
574	Shania	Shania
575	Shania 2	Shania2
		Pipa
576	Pipa	
	ErHu GuZheng	ErHu GuZheng

579	HuLuSi	HuLuSi	
580	Xun	Xun	
581	YangQin	YangQin	
PERC	CUSSION		
582	Tinkle Bell	TnklBell	
583	Agogo	Agogo	
584	Steel Drums	StelDrum	
585	Bass Drum	BassDrum	
586	Wood Block	WoodBlok	
587	Snare	Snare	
588	Taiko Drum	TaikoDrm	
589	Melodic Tom	MelodTom	
590	Synth Drum	SynDrum	
591	Dynamics jump	Dynjump	
592	Reverse Cymbal	RevCymbl	
SFX			
593	Guitar Fret Noise	FretNoiz	
594	Breath Noise	BrthNoiz	
595	Seashore	Seashore	
596	Bird Tweet	Tweet	
597	Telephone Ring	Telphone	
598	Helicopter	Helicptr	
599	Applause	Applause	
600	Gunshot	Gunshot	
601	Fall	Fall	
DRUMS			
602	Standard Kit	StandKit	
603	Rock Kit	RockKit	
604	Electronic Kit	ElectKit	
605	Dance Kit	DanceKit	
606	TR-Drum-Kit-L	TR-Drum	
607	IndiaKit-L	IndiaKit	
608	NuIndiaKit-L	NuIndKit	
609	R&B India-L	R&BIndia	
610	IndoMix4-L	IndoMix4	

NO.	English Name	LCD Name
8 BEA	T	
1	Cosmic Pop	Cosm Pop
2	DiscoPop	DiscoPop
3	Bad Beat	Bad Beat
4	Mersey Rock	MerseyRk
5	Power Rock	Power Rk
6	Folk Rock	FolkRock
7	8 Beat 1	8Beat 1
8	8 Beat 2	8Beat 2
9	8 Beat 3	8Beat 3
10	60's 8 Beat	60's 8Bt
11	Guitar Pop	Gt Pop
12	Brit Pop	Brit Pop
13	Rock	Rock
14	Rock & Roll	RockRoll
15	Rock Shuffle	R.Shufle
16 17	Hard Rock	HardRock
	Pop Rock	PopRock
18	Fast Rock	FastRock
19	Sting Latin	StigLatn
20	Pop Fusion	Pop Fusn
21	8 Beat Rock	8Bt Rock
22	Blues	Blues
23	Blues Boogie	B.Boogie
24	Blues Shuffle	B.Shufle
25	Blues Rock 1	BluRock1
26	Blues Rock 2	BluRcok2
16 BE		1
27	16Beat Pop	16Bt Pop
28	Philly Pop	Phil Pop
29	16Beat Funk	16BtFunk
30	16Beat Dance	16BtDanc
31	16 Beat 1	16Beat 1
32	16 Beat 2	16Beat 2
33	16 Beat 3	16Beat 3
34	16 Beat Pop	16Bt Pop
35	16 Beat Shuffle	16BtShfl
36	Shuffle	Shuffle
37	Pop Shuffle	Pop Shfl
38	16Beat Soul	16BtSoul
39	Pop 16Beat 1	Pop16Bt1
40	Pop 16Beat 2	Pop16Bt2
41	Charleston	Charston
BALLA	AD & 6/8	
42	Nu Folk	Nu Folk
43	16 Beat Ballad	16BtBald
44	Pop Ballad 1	PopBald1
45	Pop Ballad 2	PopBald2
46	Love Ballad	LoveBald
47	Electro Pop	Ele Pop
48	8 Beat Ballad	8Bt Bald
49	Ballad	Ballad
50	Soul Blues	SoulBlue
50	Slow Ballad	SlowBald
52	Unplugged	Unpluged
52 53	Slow Rock 1	SlwRock1
53 54	Slow Rock 2	SlwRock2
54		

55	6/8 Pop	6/8 Pop		
56	12/8 Swing	12/8Swng		
DAN	CĘ			
57	Euro Dance	EuroDanc		
58	Progressive	Progress		
59	Groove	Groove		
60	Down Beat	DownBeat		
61	Disco 1	Disco 1		
62	Disco 2	Disco 2		
63	Disco Party	DscParty		
64	Disco Funk	DiscoFnk		
65	Dance	Dance		
66	Garage	Garage		
67	House 1	House 1		
68	House 2	House 2		
69	Funky Pop	FunkyPop		
70	Rap	Rap		
71	Euro Beat	EuroBeat		
72	Hip Hop	HipHop		
73	Disco House	DscHouse		
73 74	Club DJ	Club DJ		
7 <u>4</u> 75	Techno	Techno		
75 76	Twist	Twist		
-	L & FUNK	TWISE		
77	Funk	Funk		
78	Jazz Funk	JazzFunk		
78 79	Cool Funky	CoolFunk		
80	Soul 1	Soul 1		
81	Soul 2	Soul 1 Soul 2		
82	Soul Shuffle	Soul 2		
83	Pop Groove	PopGrove		
84	R&B	R&B		
85 86	Easy R&B Pop	EzR&BPop		
	6/8 Gospel	6/8Gospl		
JAZZ		Die Dered		
87	Big Band	BigBand		
88	Big Band Medium	BandMedi		
89	Swing	Swing		
90	Quick Step	QuickStp		
91	Cool Jazz	CoolJazz		
92	Acid Jazz	AcidJazz		
93	Pop Swing	PopSwing		
94	Swing Fox	SwingFox		
95	Jazz Waltz	JazWaltz		
96	Ragtime	Ragtime		
97	Dixieland	Dixeland		
LATIN	<u>N</u>			
98	Reggaeton 1	Regaton1		
99	Reggaeton 2	Regaton2		
100	Grupera Cumbia	Cumbia 1		
101	Iztapa Cumbia	Cumbia 2		
102	Norteno	Norteno		
103	Mexican Salsa	SalsaMex		
104	Salsa	Salsa		
105	Merengue	Merengue		
106	Tikitikita	Tikitkta		
107	Cha Cha 1	ChaCha1		
1117				

100	Discussion	Discussion	
109	Rhumba	Rhumba	
110	Pop Rhumba	P.Rhumba	
111	Mambo	Mambo	
112	Bossa Nova 1	Bossa 1	
113	Bossa Nova 2	Bossa 2	
114	Tango	Tango	
115	Samba de Rua	SmbDeRua	
116	Jazz Samba	JazSamba	
117	Reggae	Reggae	
118	New Reggae	NewRegga	
119	Reggae Dance	DanRegga	
120	Pop Reggae	P.Reggae	
121	Meneito	Meneito	
122	Pagode	Pagode	
123	Arrastape	Arrastap	
124	Forro	Forro	
125	Baiao	Baiao	
126	Sertanejo	Sertanjo	
127	Xote	Xote	
COUI			
128	Country 1	Country1	
129	Country 2	Country2	
130	Pop Country	PopCntry	
131	Country Rock	CtryRock	
132	Country Folk	CtryFolk	
133	3/4 Country	3/4Ctry	
134	Country Waltz	C.Waltz	
135	Country Shuffle	CtryShfl	
136	Country Boogie	C.Boogie	
137	Country Blues	C.Blues	
138	Country Quick Step	CtryStep	
139	Bluegrass	Bluegras	
	DITIONAL	Didegras	
1 1 /1 1 1		March 1	
140	March 1	March 1	
141	March 1 March 2	March 2	
141 142	March 1 March 2 German March	March 2 G.March	
141 142 143	March 1 March 2 German March 6/8 March	March 2 G.March 6/8March	
141 142 143 144	March 1 March 2 German March 6/8 March Polka	March 2 G.March 6/8March Polka	
141 142 143 144 145	March 1 March 2 German March 6/8 March Polka Pop Polka	March 2 G.March 6/8March Polka PopPolka	
141 142 143 144 145 146	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz	March 2 G.March 6/8March Polka PopPolka Waltz	
141 142 143 144 145 146 147	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz	
141 142 143 144 145 146 147 148	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz	
141           142           143           144           145           146           147           148           149	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Musette	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz	
141 142 143 144 145 146 147 148 149 WOR	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette	
141           142           143           144           145           146           147           148           149           WOR           150	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Musette LD Dep/Rupak	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk	
141 142 143 144 145 146 147 148 149 WOR 150 151	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra	
141           142           143           144           145           146           147           148           149           WOR           150	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz LD Dep/Rupak Dadra Bhajan	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan	
141 142 143 144 145 146 147 148 149 WOR 150 151	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Musette LD Dep/Rupak Dadra	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra	
141 142 143 144 145 146 147 148 149 WOR 150 151 152	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz LD Dep/Rupak Dadra Bhajan	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan	
141 142 143 144 145 146 147 148 149 WOR 150 151 152 153	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa	
141 142 143 144 145 146 147 148 149 WOR 150 151 152 153 154	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee	
141           142           143           144           145           146           147           148           149           WOR           150           151           152           153           154	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal Aasamee Koli Pattern	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee KoliPtn	
141           142           143           144           145           146           147           148           149           WOR           150           151           152           153           154           155           156           157	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal Aasamee Koli Pattern South Pattern	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee KoliPtn SouthPtn	
141           142           143           144           145           146           147           148           149           WOR           150           151           152           153           154           155           156           157           158	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal Aasamee Koli Pattern South Pattern Dhamaal	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee KoliPtn SouthPtn Dhamaal	
141           142           143           144           145           146           147           148           149           WOR           150           151           152           153           154           155           156           157           158           159	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal Aasamee Koli Pattern South Pattern Dhamaal DesiRock	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee KoliPtn SouthPtn Dhamaal DesiRock	
141           142           143           144           145           146           147           148           149           WOR           150           151           152           153           154           155           156           157           158           159           160	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal Aasamee Koli Pattern South Pattern Dhamaal DesiRock Sufi	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee KoliPtn SouthPtn Dhamaal DesiRock Sufi	
141           142           143           144           145           146           147           148           149           WOR           150           151           152           153           154           155           156           157           158           159	March 1 March 2 German March 6/8 March Polka Pop Polka Waltz Slow Waltz Vienna Waltz Vienna Waltz Musette LD Dep/Rupak Dadra Bhajan Keherwa Ghazal Aasamee Koli Pattern South Pattern Dhamaal DesiRock	March 2 G.March 6/8March Polka PopPolka Waltz SloWaltz VieWaltz Musette Dep/Rupk Dadra Bhajan Keherwa Ghazal Aasamee KoliPtn SouthPtn Dhamaal DesiRock	

163	Bhangra	Bhangra
164	Garba	Garba
165	Qawaali Qawaali	
166	Rajasthan Rajsthar	
167	Goa Masti	GoaMasti
168	Congo	Congo
169	Dangdut std	Dangduts
170	House Dangdut Koplo	Housdplo
171	Langgam Jawa	LanggamJ
172	Keroncongan	Kroncong
173	Keroncong Dangdut	CongDut
174	Batak	Batak
175	Minang	Minang
176	Pop Sunda	PopSunda
177	Bolero 1	Bolero 1
177	Bolero 2	Bolero 1 Bolero 2
178	Bolero 2 Bonton 1	Bolero 2 Bonton 1
179	Bonton 1 Bonton 2	
		Bonton 2
181	Cha Cha 2	ChaCha 2
182	Cha Dance	ChaDance
183	Dance Remix	DanceRmx
184	Disco Band	DiscoBnd
185	Rumba Pop	RumbaPop
186	Slow Rock 3	SlwRock3
187	Slow Surf	SlowSurf
188	Habanera	Habanera
189	Tango Cha	TangoCha
190	Chinese Folk Rock	ChFolkRk
191	Chinese R&B	ChnR&B
192	JiangNan Pop	JNanPop
193	Chinese Hip Hop	ChH-Hop
194	Chinese Techno	ChTechno
195	DaiZu Folk DaiZu	
196	XinJiang Dance XinJiang	
197	YunNan	YunNan
PIAN	IST	
198	Piano 8 Beat	Pno8Beat
199	Piano Ballad	PnoBalad
200	Piano Boogie	PnoBogie
201	Piano Jazz	PnoJazz
202	Piano Swing	PnoSwing
203	Piano Jazz Waltz	P.JWaltz
204	Piano Twist	PnoTwist
205	Piano March	PnoMarch
206	Piano 6/8 March	Pno6/8Mr
207	Piano Waltz	PnoWaltz
L	1	

NO.	English Name	LCD Name	
FOLK			
1	When The Saints Go Marching In	Marching	
2	Aura Lea	AuraLea	
3	Twinkle Twinkle Little Star	Twinkle	
4	I've Been Working On The Railroad	WorkRail	
5	Yankee Doodle	YankeeD	
6	Michael Row The Boat Ashore	RowBoat	
7	Auld Lang Syne	LangSyne	
8	My Darling Clementine	Clemtine	
9	Little Brown Jug	BrownJug	
10	The House Of The Rising Sun	RiseSun	
11	Danny Boy	DannyBoy	
12	El Condor Pasa	ElCondor	
13	Greensleeves	Sleeves	
14	Heidenroslein	Heidenro	
15	Wiegenlied 2	Wieglid2	
16	Her Bright Smile Haunts Me Still	HerSmile	
17	Old Black Joe	BlackJoe	
18			
18	Old Dog Tray Arirang	DogTray Arirang	
	The Quilting Party		
20 21		TheParty	
	The Colorado Trail	TheTrail	
22	I'D Like To Be In Texas	InTexas	
23	Shenandoah	Shenando	
24	Down In The Valley	Valley	
25	On Top Of Old Smoky	TopSmoky	
26	Barbara Allen	Allen	
27	Careless Love	CaleLove	
28	Sweet Betsy From Pike	SwetPike	
29	Jesse James	James	
30	The Cowboy's Lament	CowboyLa	
	RTAINMENT		
31	Deck The Halls	DeckHall	
32	Old Folks At Home	OldFolks	
33	Camptown Races	C.Races	
34	Oh! Susanna	Susanna	
35	Jeanie With The Light Brown Hair	Jeanie	
36	Long Long Ago	LongAgo	
37	Annie Laurie	AnnieLa	
38	My Old Kentucky Home	Kentucky	
39	Turkey In The Straw	TukyStaw	
40	Aloha Oe	AlohaOe	
41	Carry Me Back To Old Virginny	Virginny	
42	The Blue-Bells Of Scotland	BlueBell	
43	Joy To The World	JoyWorld	
44	Jingle Bells	JingBell	
45	Battle Hymne Of The Republic	BatlHyme	
46	Silent Night	SltNight	
47	Ode To Joy	OdeToJoy	
48	My Bonnie	MyBonnie	
49	La Cucaracha	Cucarach	
50	Yellow Rose Of Texas	YellRose	
51	The Wabash Cannon Ball	CannBall	
52	Red River Valley	RedRiver	
53	Dreaming Of Home And Mother	Dreaming	
54	Ring Ring De Banjo	DeBanjo	
55	Der Freischutz	DerFreis	
	1	1	

56	Tales Of Hoffman	Hoffman
57	Die Forelle	Forelle
KID'S	SONG	
58	Skip To My Lou	SkipMyLo
59	London Bridge Is Falling Down	Bridge
60	Home On The Range	HomeRang
61	This Old Man	OldMan
62	Polly Wolly Doodle	PlyWlyDo
63	Sippin' Cider Through A Straw	SipinCid
64	Home Sweet Home	SwetHome
65	Mary Had A Little Lamb	MaryLamb
CLAS		
66	Chanson Du Toreador	Toreador
67	Meditation	Meditati
68	Wiegenlied	WieGenli
69	A Lover's Concerto	Concerto
70	Whispering Hope	Whisper
71	From The New World	NewWorld
72	O Sole Mio	OSoleMio
73	Auf Flugeln Des Gesanges	Gesanges
74	Santa Lucia	SantaLuc
75	Valse Brillante Op 34 #3 In F Major	ValOpFMr
76	Musette In D Major	MusetDMr
-	) & KEYBOARD	
77	Yankee Doodle (Piano)	YankeeD2
78	Kaiser Walzer	Kaiser
79	From A Story Book	StoryBok
80	Hanon Piano Fingering 1	Hanon1
81	Hanon Piano Fingering 2	Hanon2
82	Hanon Piano Fingering 3	Hanon3
83	Hanon Piano Fingering 4	Hanon4
84	Hanon Piano Fingering 5	Hanon5
85	Hanon Piano Fingering 6	Hanon6
86	Hanon Piano Fingering 7	Hanon7
87	Basic Tutorial Beyer Piano 8	Beyer8
88	Basic Tutorial Beyer Piano 12	Beyer12
89	Basic Tutorial Beyer Piano 13	Beyer12 Beyer13
90	Basic Tutorial Beyer Piano 14	Beyer13
91	Basic Tutorial Beyer Plano 15	Beyer14 Beyer15
92	Basic Tutorial Beyer Plano 15	Beyer16
92 93	Basic Tutorial Beyer Plano 18	
93 94	Basic Tutorial Beyer Piano 19	Beyer18 Boyor19
94 95	Basic Tutorial Beyer Plano 19	Beyer19 Boyer20
96	Cuckoo	Beyer20
	÷	Cuckoo
97	Basic Tutorial Beyer Piano 21	Beyer21
98 99	Basic Tutorial Beyer Piano 29	Beyer29 Buterfly
	Butterfly	
100	Basic Tutorial Beyer Piano 45	Beyer45
101	Christmas Eve	XmasEve
102	Basic Tutorial Beyer Piano 50	Beyer50
103	Basic Tutorial Beyer Piano 52	Beyer52
104	Basic Tutorial Beyer Piano 55	Beyer55
105	Basic Tutorial Beyer Piano 59	Beyer59
106	Beyer Eight Degrees Jump Etude	BeyrJump
107	Basic Tutorial Beyer Piano The Scale	BeyerC
	Of C Major	<b></b>
108 109	Basic Tutorial Beyer Piano 65	Beyer65
	Basic Tutorial Beyer Piano 66	Beyer66

110	Old Folks At Home (Piano)	OldFolk2	
111	Basic Tutorial Beyer Piano The Scale	BeyerG	
	Of G Major		
112	Basic Tutorial Beyer Piano 70	Beyer70	
113	Basic Tutorial Beyer Piano 72	Beyer72	
114	Basic Tutorial Beyer Piano 73	Beyer73	
115	Basic Tutorial Beyer Piano 74	Beyer74	
116	Larghetto	Largheto	
117	Minuet 2	Minuet2	
118	Duke Aria From "The Rigoletto"	DukeAria	
119	The Happy Farmer	HpFarmer	
120	Dance Of The Four Swans From "Swan Lake"	SwanLake	
121	Jesus Saviour Pilot Me	Jesus	
122	Old Macdonald Had A Farm	OldAFarm	
123	2-Part Invention No.13 In A Minor BWV 784	Invetion	
124	Musette	Musette	
125	Bourree	Bourree	
126	Carl Czerny 599 NO92	599No92	
127	Away In A Manger AwayInA		
128	Marriage Of Figaro	Marriage	
129	Angels We Have Heard On High	Angles	
130	Waltz	Waltz	
131	Did You Ever See A Lassie	Lassie	
132	Old France	OldFranc	
133	Santa Claus Is Coming To Town	SantComn	
134	Minuet 3 Minuet3		
135	Alfredo And Violetta Column Tower	Alfredo	
	Duet		
136	Als Die Alte Mutter Mich Noch lehrte Mutter Singen		
137	Menuett G Dur 3	MenuettG	
138	Knight	Knight	
139	Gavotte	Gavotte	
140	The Angels Singing	Singing	

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## **MIDI** Implementation Chart

Function		Transmitted	Recognized	Remarks
Basic	Default	1ch	ALL	
Channel	Changed	x	x	
	Default	х	1	
Mode	Messages	x	x	
	Altered	*****	x	
Note	Note	12-114	0-127	
Number	: True Voice	*****	0-127	
Velocity	Note on	o 9nH,V=1-127	o 9nH,V=1-127	
	Note off	x (9nH,V=0)	o (9nH,V=0; 8nH,V=0-127)	
After	key's	х	x	
Touch	Ch's	x	x	
Pitch Bend	l	0	0	
Control	0,32	0	0	Bank Select
Change	1	Х	o	Modulation
	5	Х	x	Portamento Time
	6	Х	o	Data Entry
	7	х	o	Volume
	10	x	o	Pan
	11	х	o	Expression
	64	0	o	Sustain Pedal
	65	x	x	Portamento On/Off
	66	х	o	Sostenuto Pedal
	67	x	o	Soft Pedal
	80	x	o	Reverb Program
	81	x	o	Chorus Program
	91	x	o	Reverb Level
	93	х	o	Chorus Level
	120	х	o	All Sound Off
	121	x	o	Reset All Controllers
	123	0	o	All Notes Off
Program		0	0	
Change	: True Number	*****	0-127	
System Ex	clusive	Х	0	
System	: Song Position	Х	X	
Common	: Song Select	Х	х	
	: Tune	Х	x	
System	: Clock	Х	x	
Real Time	: Commands	Х	х	
Aux	: Local On/Off	Х	x	
	: All Notes Off	0	o	
0 -	: Active sense	X	0	
	: Reset	х	o	

Notes: \*1

When the accompaniment is started, an FAH message is transmitted. When the accompaniment is stopped, an FCH message is transmitted.

• Mode 1: OMNI ON, POLY

• Mode 3: OMNI OFF, POLY

o: YES x: NO

• Mode 2: OMNI ON, MONO

• Mode 4: OMNI OFF, MONO

Roland