



RJ640L / RJ640L-XS
Multi-function Keyboard
User Guide

Important Information

Be sure to obey the following information so as not to harm yourself or others or damage this instrument or other external equipment.

Power adapter:

- Please use only the specified DC adapter supplied with the product. An incorrect or faulty adapter can cause damage to the electronic keyboard.
- Do not place the DC adapter or power cord near to any source of heat such as radiators or other heaters.
- To avoid damaging the power cord, please ensure that heavy objects are not placed on it and that it is not subject to stress or over bending.
- Check the power plug regularly and ensure it is free from surface dirt. Do not insert or unplug the power cord with wet hands.

Do not open the body of the electronic keyboard:

- Do not open the electronic keyboard or try to disassemble any part of it. If the device is not functioning correctly, please stop using it and send it to a qualified service agent for repair.

Use of the electronic keyboard:

- To avoid damaging the appearance of the electronic keyboard or damaging the internal parts please do not place the electronic keyboard in a dusty environment, in direct sunlight or in places where there are very high or very low temperatures.
- Do not place the electronic keyboard on an uneven surface. To avoid damaging internal parts do not place any vessel holding liquid onto the electronic keyboard as spillage may occur.

Maintenance:

- To clean the body of the electronic keyboard wipe it with a dry, soft cloth only.

Connection:

- To prevent damage to the speaker of the electronic keyboard please adjust the volume of any peripheral device to the lowest setting and gradually adjust the volume accordingly to an appropriate level once the music is playing.

During operation:

- Do not use the keyboard at the loudest volume level for a long period.
- Do not use the headphones at loud volume for long periods as hearing damage could result.
- Do not place heavy objects onto the keyboard or press the keyboard with undue force.
- The packaging should be opened by a responsible adult only and any plastic packaging should be stored or disposed of appropriately.

Specification

- Specifications are subject to change without notice.

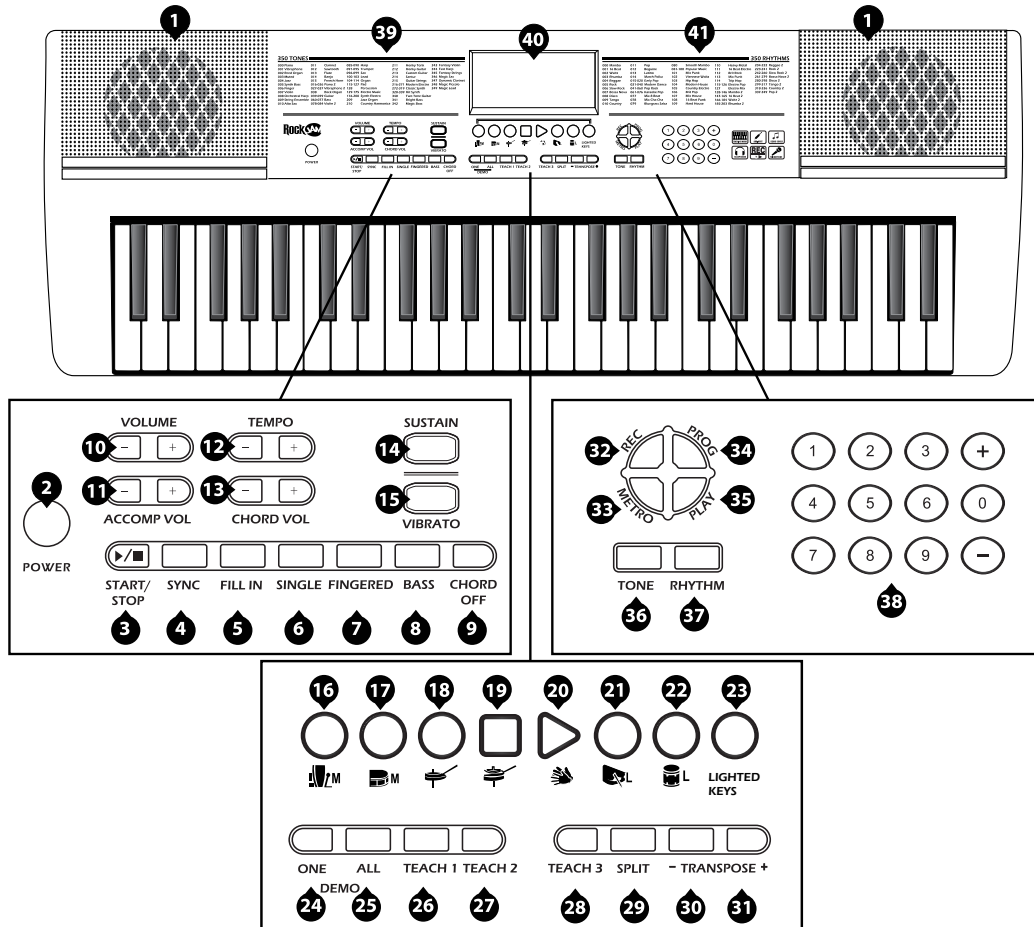
Contents

Important Information	1
Controls, Indicators and External Connections	4
Front Panel	4
External Connections.....	5
Display Screen.....	5
Preparation Before First Use	6
Power	6
Use of DC power adapter:	6
Battery operation:.....	6
Jacks and Accessories	6
Using headphones:	6
Connecting an Amplifier or Hi-Fi Equipment:	7
Connecting a phone or audio device to the AUX Input to play music through the keyboard:	7
Connecting a Microphone:	7
Stand Assembly	8
Keyboard Operation	9
Power and Volume	9
Power control:	9
Adjustment of the Master Volume:	9
Tone.....	10
Tone Selection:	10
Effect & Control.....	10
Split Keyboard:.....	10
Sustain:	11
Vibrato:.....	11
Transpose:	11
Metronome:.....	12
Panel Percussion Instruments:	12
Keyboard Percussion:	12
Rhythm	13
Selecting the rhythm:	13
Start / Stop:	13

Sync:	13
Fill in:	14
Accompaniment Volume Adjustment:	15
Tempo Adjustment:	15
Chord Accompaniment	16
Single Finger Chords:	16
Fingered Chords:	16
Bass Chord:	17
Chord Off:	17
Recording Function	17
Rhythm Programming	18
Demo Songs	18
Key Light Function	19
Teaching Modes	20
Beginner Course:	20
Intermediate Course:	20
Advanced Course:	21
Progressive Learning:	21
Appendix I. Percussion Instruments	22
Appendix II. Rhythm Table	23
Appendix III. Tone Table	23
Appendix IV. Demo Song Table	24
Appendix V. Troubleshooting	25
Appendix VI. Chord Tables	26
Single Finger Chords	26
Fingered Chords	27
Appendix VII. Technical Specification	28
FCC Compliance Statement (USA)	29
FCC Class B Part 15	29
Product Disposal Instructions (Europe)	29

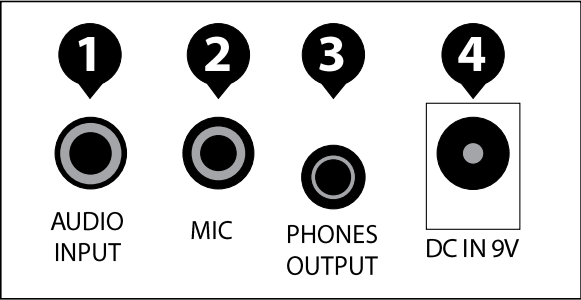
Controls, Indicators and External Connections

Front Panel



- | | | |
|------------------------------|-------------------|--------------------|
| 1. Stereo Speakers | 14. Sustain | 28. Teach 3 |
| 2. Power Switch | 15. Vibrato | 29. Split |
| 3. Start / Stop | 16. Mid Tom | 30. Transpose - |
| 4. Sync | 17. Mid Snare | 31. Transpose + |
| 5. Fill In | 18. Closed Hi-Hat | 32. Record |
| 6. Single Chords | 19. Open Hi-Hat | 33. Metronome |
| 7. Fingered Chords | 20. Clap | 34. Program |
| 8. Bass | 21. Wood Block | 35. Play |
| 9. Chord Off | 22. Low Tom | 36. Tones |
| 10. Main Volume +/- | 23. Lighted Keys | 37. Rhythm |
| 11. Accompaniment Volume +/- | 24. Demo One | 38. Number Pad |
| 12. Tempo [Fast/Slow] | 25. Demo All | 39. Tones List |
| 13. Chord Volume +/- | 26. Teach 1 | 40. Display Screen |
| | 27. Teach 2 | 41. Rhythms list |

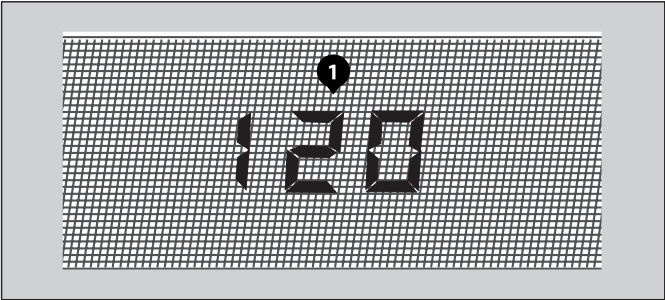
External Connections



- 1. AUX IN (For Music Playback)
- 2. MIC Input (For Electret Microphone)
- 3. Headphone Output
- 4. DC 9V Power Input

Display Screen

LED Screen



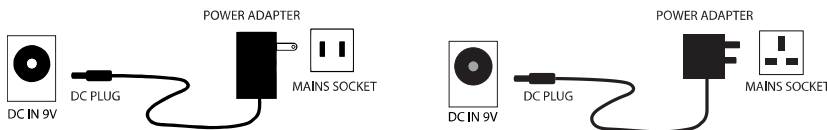
- 1. 3-Digit LED Display

Preparation Before First Use

Power

Use of DC power adapter:

Please use the DC power adapter that came with the electronic keyboard or a power adapter with 9V DC output voltage and 500mA output current with a centre positive plug. Connect the plug of the power adapter into the DC 9V power socket on the rear of the keyboard and then connect the other end into the mains wall socket and switch on.



USA / Canada

UK

Caution: When the keyboard is not in use you should unplug the power adapter from the mains power socket.

Battery operation:

Open the battery lid on the underneath of the electronic keyboard using a small cross head screwdriver and insert 6 x 1.5V Size AA alkaline batteries. Ensure the batteries are inserted with the correct polarity and replace the battery lid.

Caution: Do not mix old and new batteries. Do not leave batteries in the keyboard if the keyboard is not going to be used for any length of time. This will avoid possible damage caused by leaking batteries.

Jacks and Accessories

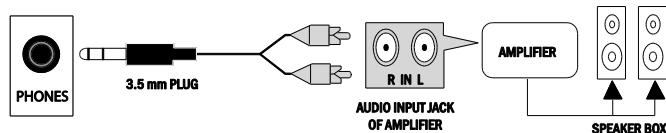
Using headphones:

Connect the 3.5mm headphone plug into the [PHONES] jack on the rear of the keyboard. The internal speaker will cut off automatically once headphones are connected. Headphones not included.



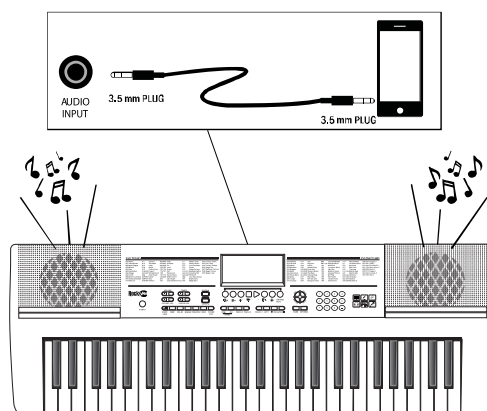
Connecting an Amplifier or Hi-Fi Equipment:

This electronic keyboard has a built-in speaker system, but it can be connected to an external amplifier or other hi-fi equipment. First turn off the power to the keyboard and any external equipment you are looking to connect. Next insert one end of a stereo audio cable (not included) into the LINE IN or AUX IN socket on the external equipment and connect the other end into the [PHONES] jack on the rear of the electronic keyboard.



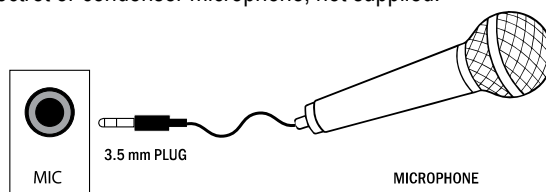
Connecting a phone or audio device to the AUX Input to play music through the keyboard:

This keyboard has a built-in speaker system that can be used to play music from your phone or mobile device. Insert one end of a stereo audio cable into the AUX IN socket on the back of the keyboard and connect the other end into your phone or audio device. Make sure the keyboard is switched on. Use the volume control of the phone to control the music volume. AUX in cable not included.



Connecting a Microphone:

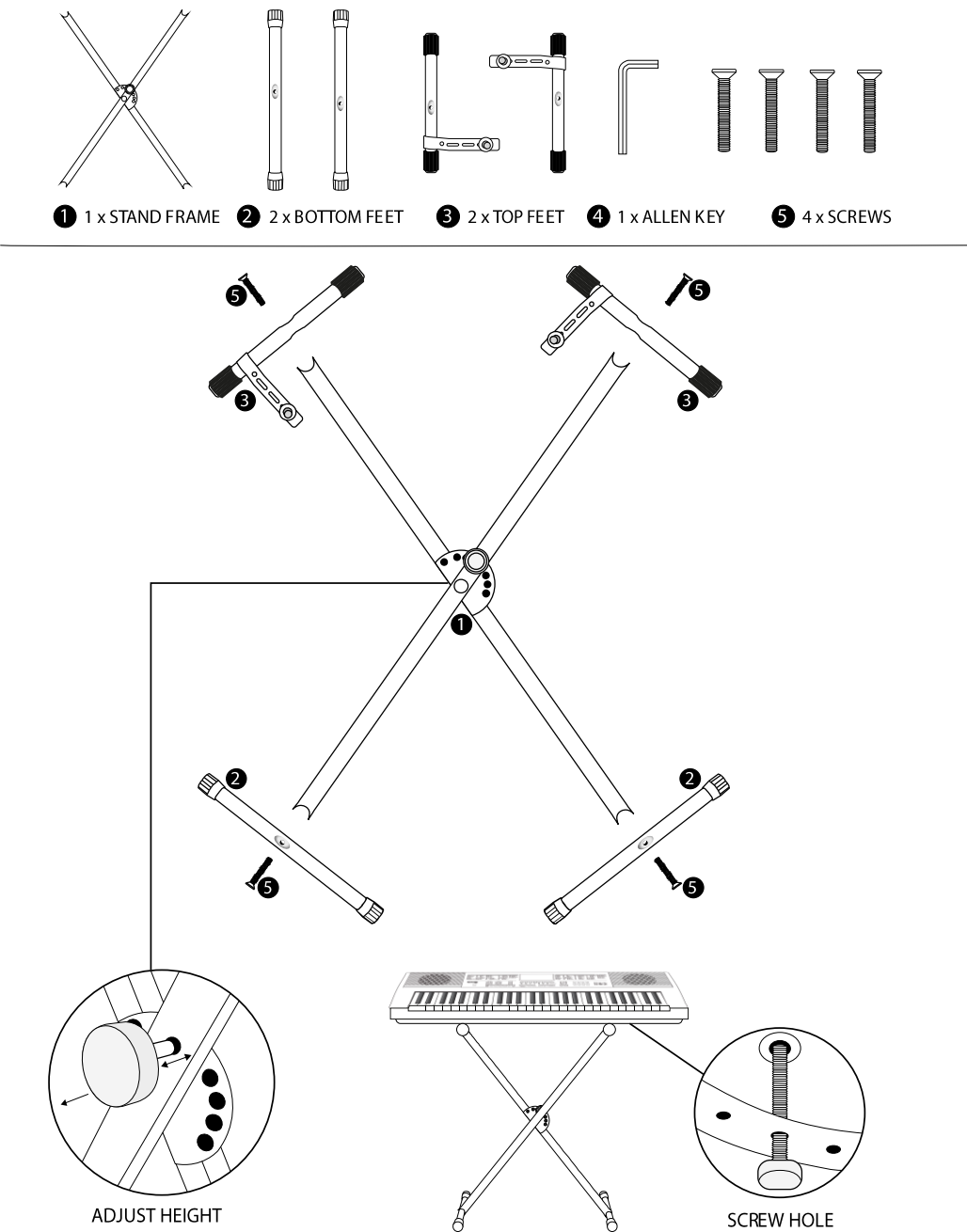
Connect the 3.5mm microphone plug into the [MIC] jack on the rear of the keyboard. Note that the keyboard requires an electret or condenser microphone, not supplied.



Stand Assembly

(Applies to model RJ640L-XS)

Please first assemble the stand using the screws and allen key supplied. The keyboard can then be secured to the stand using the straps and screws connected to the top bars.

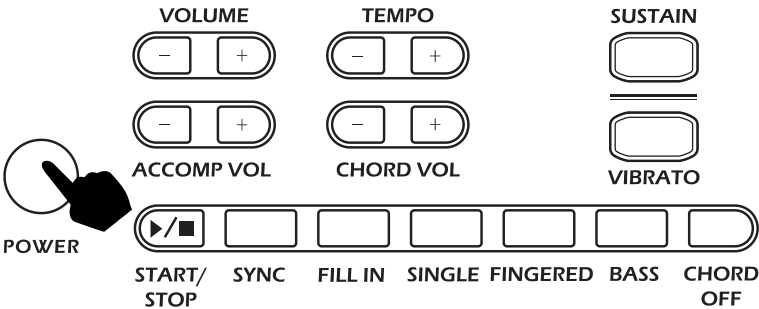


Keyboard Operation

Power and Volume

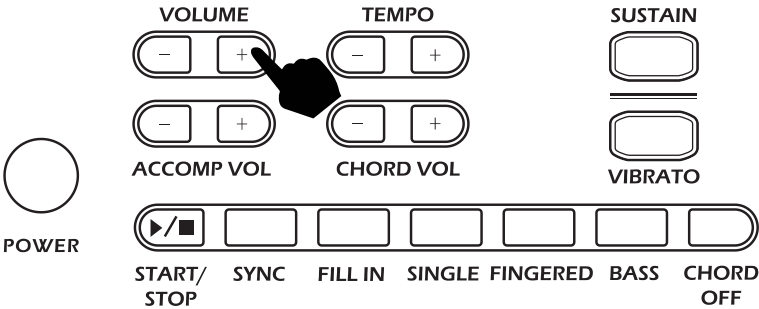
Power control:

Press the [POWER] button to turn the power on and again to turn the power off. The screen display will light to indicate power on.



Adjustment of the Master Volume:

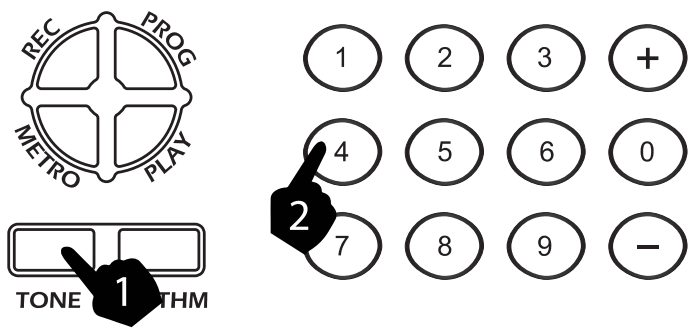
The keyboard has 8 levels of volume. To change the volume, touch the [VOLUME +/-] buttons. The volume level is indicated by the screen display. Pressing both the [VOLUME +/-] buttons at the same time will make the main volume return to the default level 4. The main volume level will revert to level 4 after power off and on. Note: When set to level 1 the speaker output is muted.



Tone

Tone Selection:

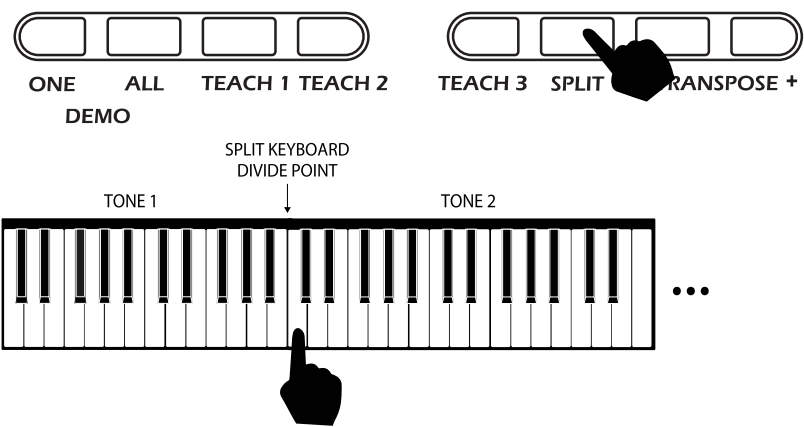
When the keyboard is switched on the default TONE is “000” Piano. To change the tone, touch the [TONE] button first and then directly put in the number code on the keypad by pressing the corresponding digits 0-9. The tones can also be changed by using the + / - buttons. Refer to appendix III. for a list of the available tones.



Effect & Control

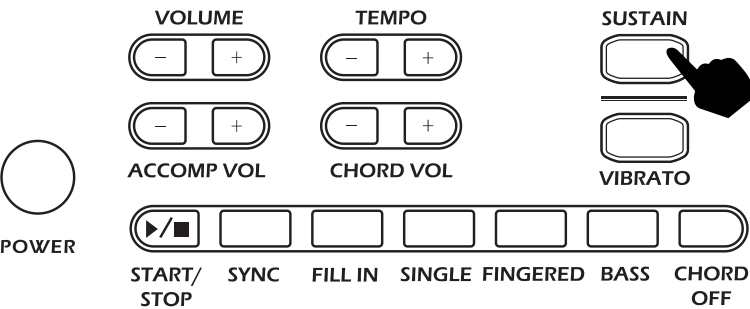
Split Keyboard:

To switch on Split Keyboard mode, press the [SPLIT] button. The keyboard will split into two keyboards at the 24th key from the left. You can then adjust the TONE of the right-hand side of the keyboard by pressing the corresponding digits 0-9 on the numerical keypad. The TONE of the left-hand side of the keyboard will remain set to the tone chosen before the Split Keyboard mode was entered. In Split Keyboard mode the pitch of the left-hand keys is raised by one octave and the right-hand keys lowered by one octave. Press the [SPLIT] button again to exit Split Keyboard mode.



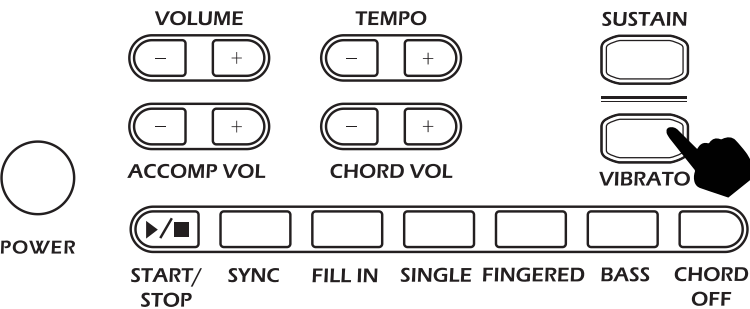
Sustain:

Touch the [SUSTAIN] button to enter Sustain mode. Once this mode is selected the sound of each note played is prolonged. Touching the [SUSTAIN] button again will turn the sustain feature off and exit this mode.



Vibrato:

Touch the [VIBRATO] button to enter Vibrato mode. Once this mode is selected each time a note is played a trembling effect is added to the end of the note. Touching the [VIBRATO] button again will turn the Vibrato feature off and exit this mode.



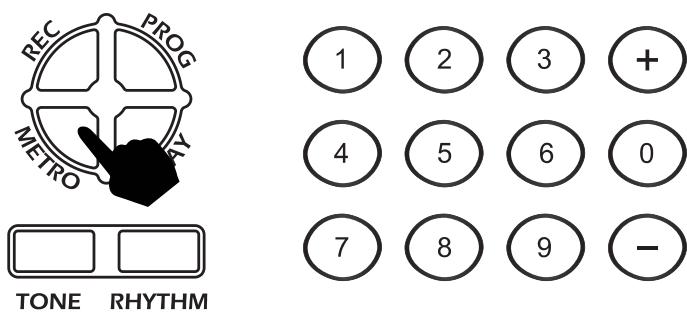
Transpose:

Touching the [TRANPOSE +/-] buttons alters the musical scale of the note being played. You can adjust the scale by 6 levels upwards or downwards. Pressing both the [TRANPOSE +/-] buttons at the same time will make the musical scale revert to 00. The transpose level will be reset to 00 after power off and on.



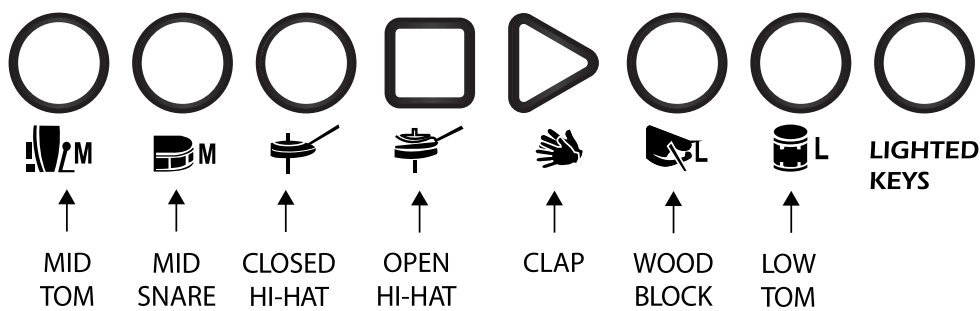
Metronome:

Touch the [METRO] button to start the tick-tock beat. There are four beats to choose from. Depending on what the performance needs, you can touch the [TEMPO + / -] buttons to speed up or slow down. Press the [METRO] button repeatedly to cycle through to the required beat pattern. The screen display will indicate the beat you have chosen. The metronome effect is added to the music once you start playing. To exit this mode, press the [METRO] button repeatedly until the metronome stops.



Panel Percussion Instruments:

There are 7 kinds of percussion instruments to choose from. Press the corresponding button to sound the required instrument. You can use the percussion instruments to fill in and enhance the performance.



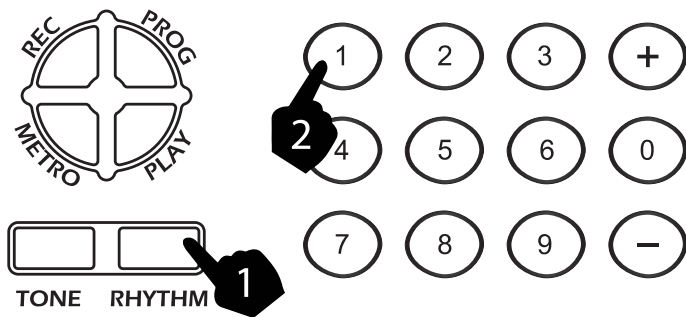
Keyboard Percussion:

To access the keyboards full percussion mode select the [TONE] button and press 128 on the number pad. Play the keyboard accordingly and the percussion sounds will be heard. Refer to Appendix I. for a table of the percussion sounds available.

Rhythm

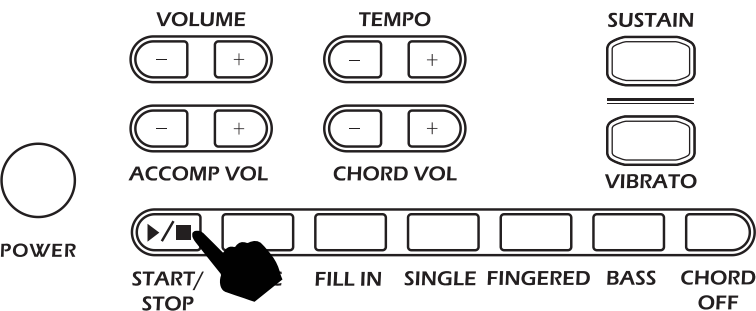
Selecting the rhythm:

You can choose from any of the 350 built in rhythms. Please refer to appendix II. for the detailed rhythm table. Touch the [RHYTHM] button to enter the rhythm selection function. The screen display will show the current rhythm number. You can select the rhythm you require by pressing the corresponding digits on the numerical keypad or by pressing the + / - buttons.



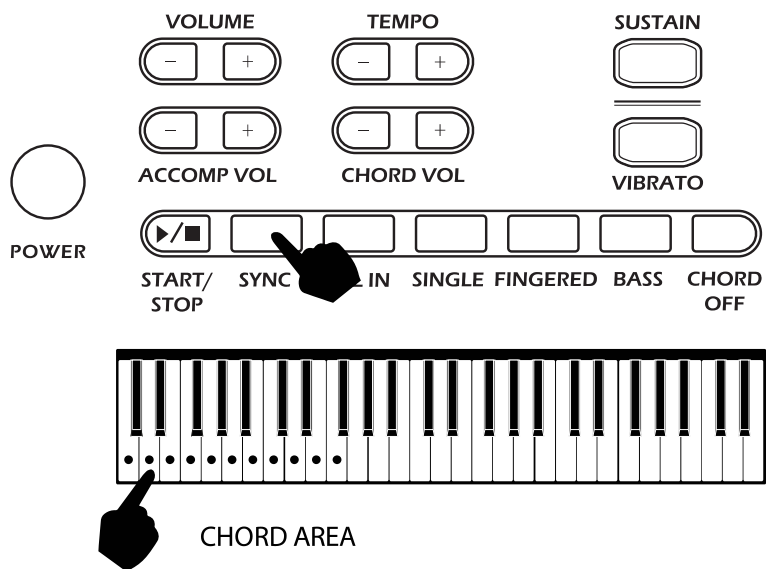
Start / Stop:

Touch the [START / STOP] button to play the rhythm. Touch the [START / STOP] button again to stop the rhythm playback



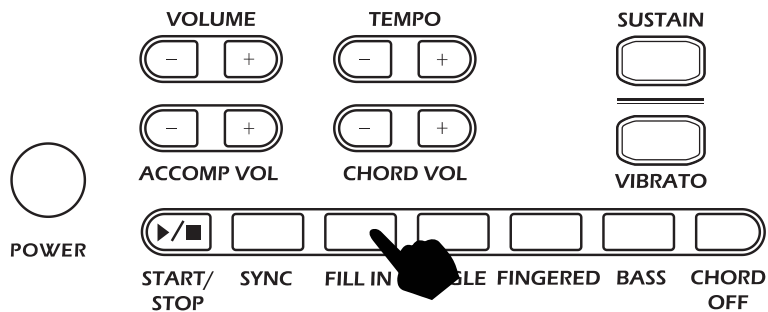
Sync:

Touch the [SYNC] button to select the sync accompaniment function. Pressing any of the first 19 keys on the left hand side of the keyboard will start the rhythm playing. Touch the [START / STOP] button to stop the rhythm and exit the sync function.



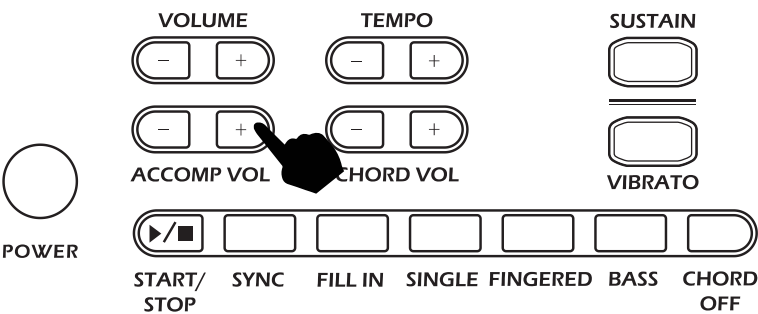
Fill in:

You can fill in a length of interlude if you touch the [FILL IN] button during the rhythm playback. After the fill in, the rhythm will continue playing as normal.



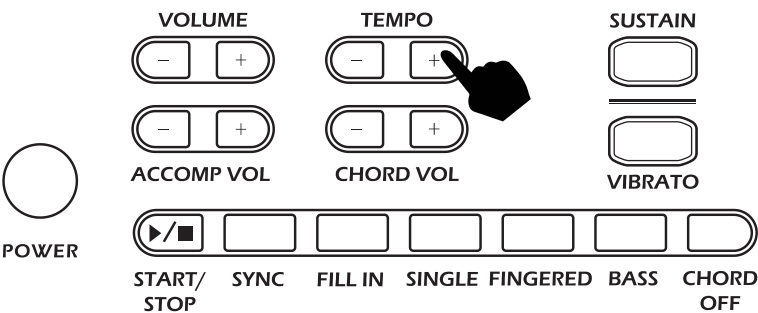
Accompaniment Volume Adjustment:

The Accompaniment Volume can be adjusted by pressing the [ACCOMP VOLUME +/-] buttons. The screen display will show the volume as you are adjusting it. The adjustment range has 8 levels, pressing both the [ACCOMP VOLUME +/-] buttons at the same time will make the Accompaniment Volume return to the default level (level 6). The Main Volume control will also affect the output level of the accompaniment. At power on the accompaniment volume will reset to the default level.



Tempo Adjustment:

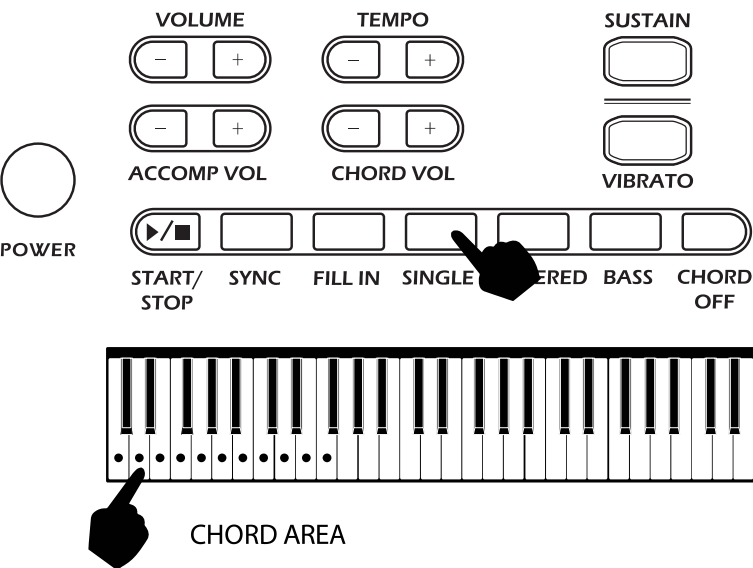
Touch the [TEMPO +/-] buttons to adjust the playing tempo of the rhythm, metronome, and demo song. The adjustment range is 30-240 bpm. Press and hold the [TEMPO +/-] buttons to adjust quickly. Pressing both the [TEMPO +/-] buttons at the same time will make the tempo revert to the default tempo for the rhythm selected. At power on the tempo will revert to 120 bpm.



Chord Accompaniment

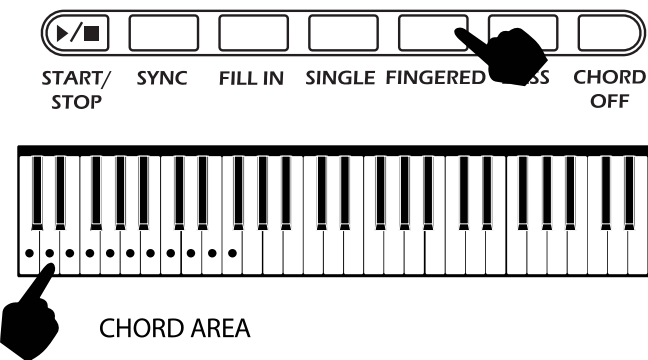
Single Finger Chords:

Touch the [SINGLE] button to activate the single finger chord function. Chords are played by pressing certain keys in the chord area on the left-hand side of the keyboard (keys 1-19). The finger patterns required are shown in Appendix VI. Touch the [START / STOP] button to start or stop the chord accompaniment. Press the [SINGLE] button again to exit single finger chord mode.



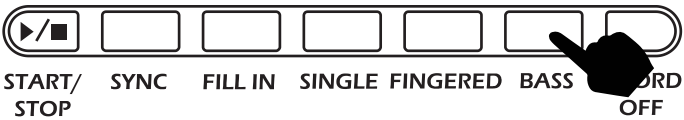
Fingered Chords:

Touch the [FINGERED] button to activate the fingered chord function. Chords are played by pressing certain keys in the chord area on the left-hand side of the keyboard (keys 1-19). The finger patterns required are shown in Appendix VI. Touch the [START / STOP] button to start or stop the chord accompaniment. Press the [FINGERED] button again to exit fingered chord mode. **Note that no sound will be produced unless the correct finger patterns are formed.**



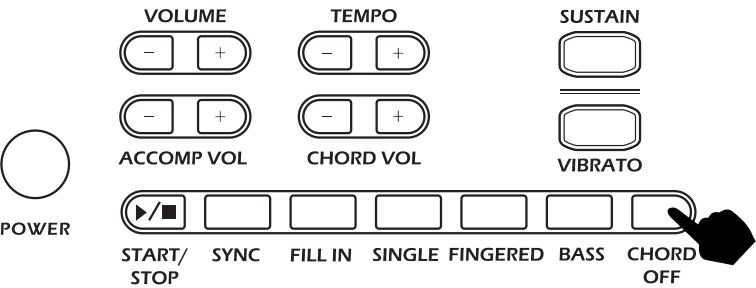
Bass Chord:

In either fingered or single finger chord mode, press the [BASS] button repeatedly to select the desired chord tone. There are 7 bass chord tones to choose from, the bass chord tone is reset to [00] after power off / on.



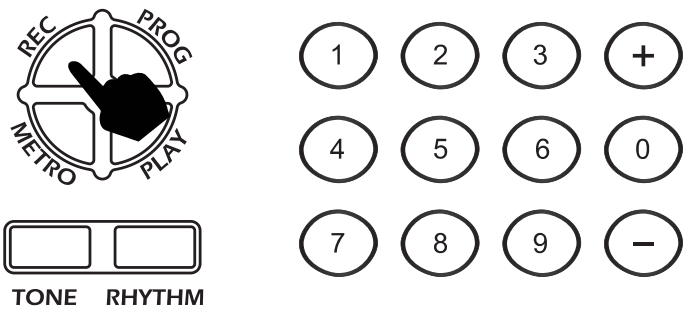
Chord Off:

During any chord mode press the [CHORD OFF] button to stop the chord accompaniment sound and exit the chord mode. The rhythm will continue to play.

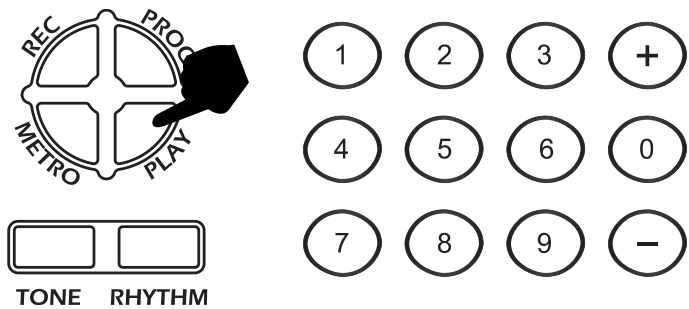


Recording Function

Touch the [REC] button to enter the recording mode. Press any key to start recording. The maximum recording capacity is 46 individual notes. When the recording capacity is full the screen display will show [FL or FUL]. Each time you touch the [REC] button, the previous memory will be cleared and the keyboard will enter the recording mode again. **Note: the keyboard will not record notes pressed at the same time such as chords.**

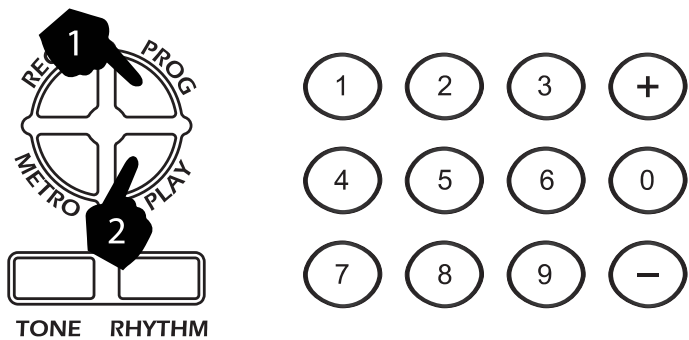


Touch the [PLAY] button to play back the recorded note sequence.



Rhythm Programming

Press the [PROG] button to activate the Rhythm Program mode. You can then play the keyboard and record your percussion track (up to 32 percussion beats). To listen to your piece touch the [PLAY] button and the keyboard will playback your edited percussions. You can then play along to your recorded percussion. You can also adjust the speed of the playback using the [TEMPO +/-] buttons. To cancel the Programming mode, touch the [PROG] button again.

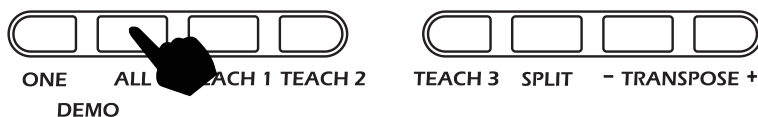


Demo Songs

Touch the [DEMO ONE] button to play a demo song. By pressing the + and - button on the numerical keypad you can choose the demo song you require. There are 50 demo songs to choose from in total. The keyboard will finish the chosen song and then keep replaying it. Touch the [DEMO ONE] button again to exit the demo mode and again to cycle through to the next demo song. Refer to Appendix IV. for a list of the available Demo songs.

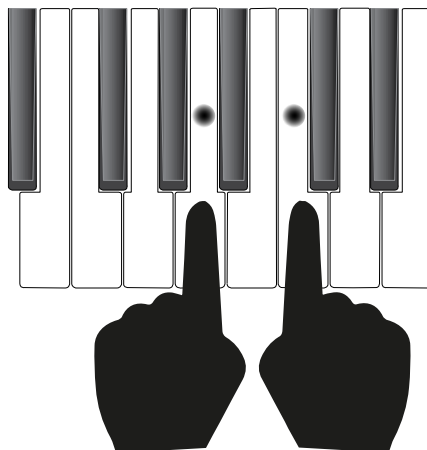


Page | 19



Key Light Function

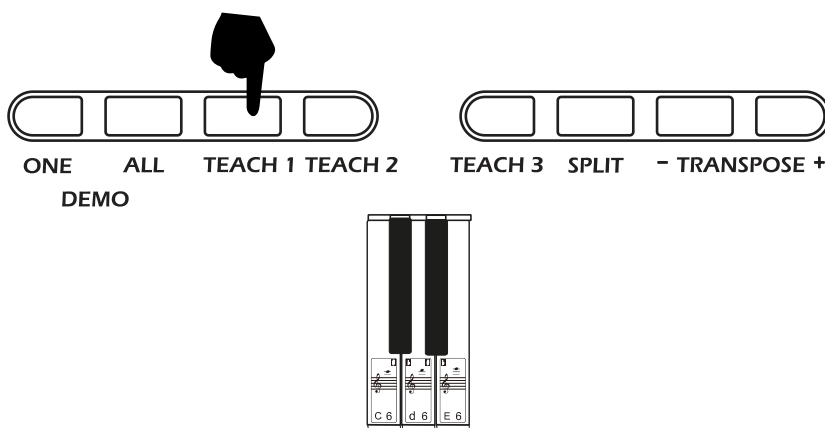
Touch the [LIGHTED KEYS] button to turn off the key light function, pressing the [LIGHTED KEYS] button again will turn the key light function back on. The keyboard has 50 Demo songs to accompany the Teaching mode. Whilst in Teaching mode the keys will light up on the note that is meant to be played, guiding the user as they learn to play along to any of the Demo songs.



Teaching Modes

Beginner Course:

Touch the [TEACH 1] button to enter the Beginner Course teaching mode. This mode is suitable for beginners to familiarise themselves with the rhythm and tempo of the song. The screen display will show the number of the demo song selected, from 00 to 49 (refer to Appendix IV for the list of songs). Use the keypad or + - keys to select the desired song. The screen display will indicate which key should be pressed and the correct key to play will light up. Use the key stickers provided with the keyboard applied to the keys in order to know which key to press. The keyboard will play the main melody in time with any key presses, even incorrect ones.



Intermediate Course:

Press the [TEACH 2] button to enter the Intermediate Course teaching mode. This mode is suitable for intermediate users. The screen display will show the number of the song selected, from 00 to 49 (refer to Appendix IV for the list of songs). Use the keypad or + - keys to select the desired song. The screen display will indicate which key should be pressed and the correct key to play will light up. Once the correct key has been pressed it will then move onto the next section of the song. The correct key to play will light up. Use the key stickers provided with the keyboard applied to the keys in order to know which key to press.

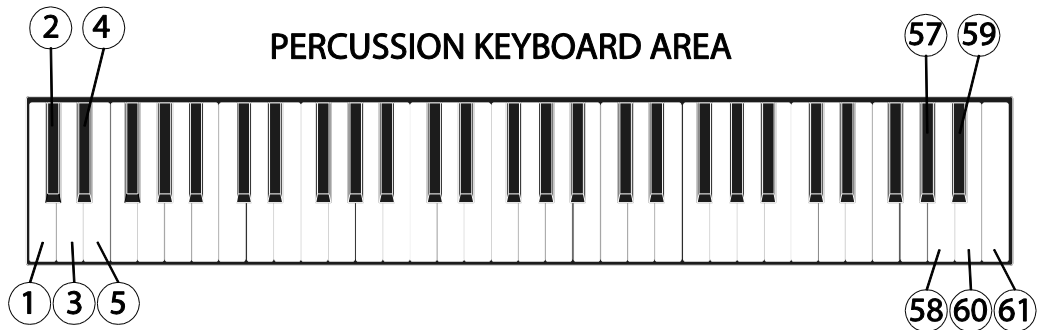
Advanced Course:

Press the [TEACH 3] button to enter the advanced Course teaching mode. This mode is suitable for more advanced users. The screen display will show the number of the demo song selected, from 00 to 49 (refer to Appendix IV for the list of songs). Use the keypad or + - keys to select the desired song. The screen display will show which key should be pressed and the correct key to play will light up. Use the key stickers provided and press the specified keys as the main melody plays. Note that the song will carry on playing even if an incorrect key is pressed.

Progressive Learning:

- In general, follow the sequence below to master any of the included songs.
- Listen to the song in DEMO mode to get an idea of the note timings and beat. When confident move on to the next stage.
- Access the same song in Beginner Course mode (TEACH 1) and duplicate the note timings and key presses. When mastered move onto the Intermediate Course (TEACH 2) and finally onto Advanced Course (TEACH 3).

Appendix I. Percussion Instruments



61 PANEL PERCUSSIONS									
C2	C#2	D2	D#2	E2	F2	F#2	G2	G#2	A2
A#2	B2	C3	C#3	D3	D#3	E3	F3	F#3	G3
G#3	A3	A#3	B3	C4	C#4	D4	D#4	E4	F4
F#4	G4	G#4	A4	A#4	B4	C5	C#5	D5	D#5
E5	F5	F#5	G5	G#5	A5	A#5	B5	C6	C#6
D6	D#6	E6	F6	F#6	E6	G#6	A6	A#6	B6
C7									

Appendix II. Rhythm Table

No.	Rhythm Name	No.	Rhythm Name
000	Mambo	103	Hip Hop
001	16 Beat	104	Modern House
002	Waltz	105	Country Electro
003	Rhumba	106	Brit Pop
004	Reggae	107	Mix House
005	Rock	108	16 Beat Punk
006	Slow Rock	109	Hard House
007	Bossa Nova	110	Heavy Metal
008	Disco	111	16 Beat Electro
009	Tango	112	Brit Rock
010	Country	113	Mix Punk
011	Pop	114	Trip Hop
012	Beguine	115-126	Electro Pop
013	Latino	127	Electro Mix
014	March Polka	128-146	Mambo 2
015-020	Early Pop	147-165	16 Beat 2
021-040	Modern Dance	166-184	Waltz 2
041-060	Pop Rock	185-203	Rhumba 2
061-076	Karaoke Pop	204-222	Reggae 2
077	Mix 8 Beat	223-241	Rock 2
078	Mix Cha Cha	242-260	Slow Rock 2
079	Bluegrass Salsa	261-279	Bossa Nova 2
080	Smooth Mambo	280-298	Disco 2
081-100	Popular Music	299-317	Tango 2
101	Mix Punk	318-336	Country 2
102	Viennese Waltz	337-349	Pop 2

Appendix III. Tone Table

No.	Tone Name	No.	Tone Name
000	Piano	104-114	Organ
001	Vibraphone	115-127	Pad
002	Reed Organ	128	Percussion
003	Muted	129-175	Electro Music
004	Jazz	176-208	Synth Electro
005	Synth Bass	209	Jazz Organ
006	Finger	210	Country Harmonica
007	Violin	211	Honky Tonk
008	Orchestral Harp	212	Honky Guitar
009	String Ensemble	213	Custom Guitar
010	Alto Sax	214	Santur
011	Clarinet	215	Guitar Strings

012	Sawtooth	216-271	Modern Electro
013	Flute	272-319	Classic Synth
014	Banjo	320-339	Hit Synth
015	French Horn	340	Two Tone Guitar
016-026	Piano 2	341	Bright Bass
027-037	Vibraphone 2	342	Magic Bass
038	Rock Organ	343	Fantasy Violin
039-059	Guitar	344	Fast Harp
060-077	Bass	345	Fantasy Strings
078-084	Violin 2	346	Magic Sax
085-090	Harp	347	Dynamic Clarinet
091-095	Trumpet	348	Magic Piccolo
096-099	Sax	349	Magic Lead
100-103	Lead		

Appendix IV. Demo Song Table

No.	Name of Song	No.	Name of Song
00	City of Sky	25	Prelude In G Major
01	Fur Elise	26	Romance De Amour
02	Dream Wedding	27	Classical Music Concert
03	Piano Music at Night 5	28	Nocturne in E Flat Major
04	Canon	29	Military March
05	A Comme Amour	30	Big Big World
06	Childhood Memory	31	My Love
07	The Smurfs	32	The Magic Flute Variations
08	My Heart Will Go On	33	Jingle Bells
09	Good Luck Song	34	Bridge Girl
10	Warriors Like The Wind	35	Red Sun
11	Summer	36	Half Moon Serenade
12	Piano Music At Night 1	37	Beautiful Smile
13	River Flows In You	38	Twinkle Twinkle Little Star
14	Kiss The Rain	39	My People My Country
15	Childhood Memories 2	40	Hawthorn Tree
16	Always With Me	41	Confession Balloon
17	Swiss Music Box	42	Dass Jemand Wie Ich
18	Serenade	43	Soft
19	Italian Polka	44	The Legendary Swordsman
20	Turkish March	45	Across The Ocean To See You
21	Ballade Pour Adeline	46	Childhood
22	Mozart	47	I Only Care About You
23	Tango	48	Ode To Coral
24	Yesterday Once More	49	Hometown In My Dream

Appendix V. Troubleshooting

Problem	Possible Reason / Solution
A faint noise is heard when turning the power on or off.	This is normal and nothing to worry about.
After turning the power on to the keyboard there was no sound when the keys were pressed.	Check the master volume is set to the correct volume. Check that headphones or any other equipment are not plugged into the keyboard as these will cause the built-in speaker system to cut off automatically. Check that fingered chord mode is not selected. Incorrect key presses in fingered chord mode will not produce any sound. Check that the volume is not set to level 1 (Muted)
Sound is distorted or interrupted, and the keyboard is not working properly.	Use of incorrect power adapter. Use the power adapter supplied or the batteries may need replacing.
There is a slight difference in timbre of some notes.	This is normal and is caused by the many different voice sampling ranges of the keyboard .
When using the sustain function some tones have long sustain and some short sustain.	This is normal. The best length of sustain for different tones has been pre-set.
The main volume or accompaniment volume is not right.	Check that the main (master) volume and accompaniment volume are set correctly. Note that the main volume also affects the accompaniment volume.
In SYNC status the auto accompaniment does not work.	Check to make sure that Chord mode has been selected and then play a note from the first 19 keys on the left hand side of the keyboard.
The pitch of the note is not correct	Check that the transpose is set to 00.

Appendix VI. Chord Tables

Single Finger Chords

	M	m	7	m7
C				
D ^b				
D				
E ^b				
E				
F				
F [#]				
G				
G [#]				
A				
B ^b				
B				

Fingered Chords

Chord Type Root	M	m	7	m7	dim7	M7	m7-5	dim
C								
C#/(Db)								
D								
(D#)/E								
E								
F								
F#/(Gb)								
G								
(G#)/A								
A								
(A#)/Bb								
B								

Appendix VII. Technical Specification

Display	LED, 3- Digit
Tones	350
Rhythms	350
Demo	50
Effect and Control	Split keyboard, Sustain, Vibrato, Transpose
Recording and Programming	46 Note record memory, Playback, 32 Beat rhythm programming
Percussion	14 different instruments
Accompaniment Control	Start / Stop, Sync, Fill in, Tempo
Intelligent Teaching	Metronome, 3 Teaching modes, Light up keys
External Jacks	Power input, Headphone output, Microphone Input (Electret), AUX Input
Diapason (Range of Keyboard)	C2- C7 (61 keys)
Intonation	<3cent
Weight	2.8 kg
Power Adapter	9V DC, 500mA
Output Power	2 W x 2

Model	Accessories
RJ640L	Power adapter, Sheet music stand, User guide, Key stickers
RJ640L-XS	Power adapter, Sheet music stand, Keyboard stand, User guide, Key stickers

FCC Compliance Statement (USA)

FCC Class B Part 15

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

CAUTION:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause interference harmful to radio communications.

There is no guarantee, however, that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio or TV technician for help.

Product Disposal Instructions (Europe)

The symbol shown here and on the product, means that the product is classed as Electrical or Electronic Equipment and should not be disposed with other household or commercial waste at the end of its working life. The Waste Electrical and Electronic Equipment (WEEE) Directive (2012/19/EU) has been put in place to encourage the recycling of products using best available recovery and recycling techniques to minimise the impact on the environment, treat any hazardous substances and avoid the increase of landfill. When you have no further use for this product, please dispose of it using your local authority's recycling processes. For more information please contact your local authority or the retailer where the product was purchased.



PDT Ltd.

Unit 4B, Greengate Industrial Estate, White Moss View, Middleton, Manchester,
M24 1UN, United Kingdom - info@pdtuk.com - Copyright PDT Ltd. © 2022