



RJ-761 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 AC adapter supplied with the product. An incorrect or faulty adapter can cause damage to the electronic keyboard.
- Do not place the AC 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 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.

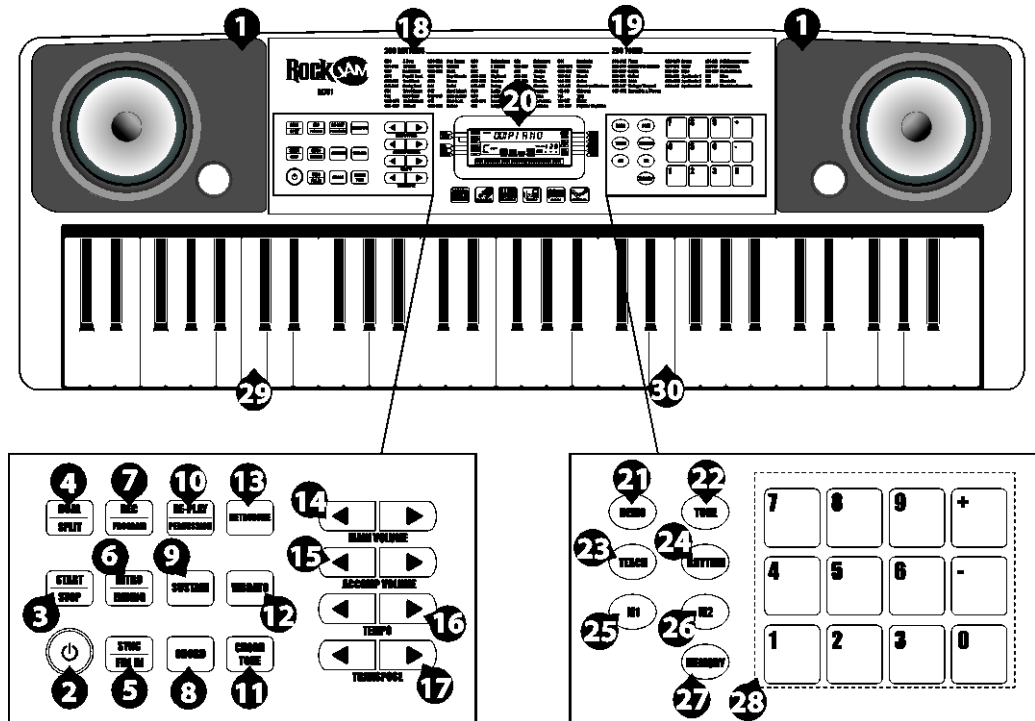
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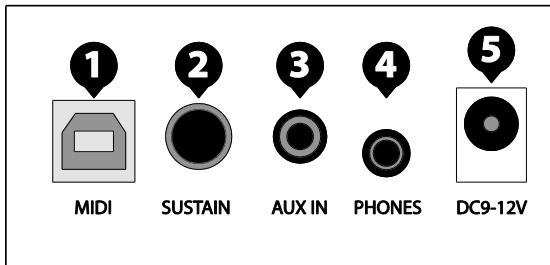
Controls, Indicators and External Connections

Front Panel



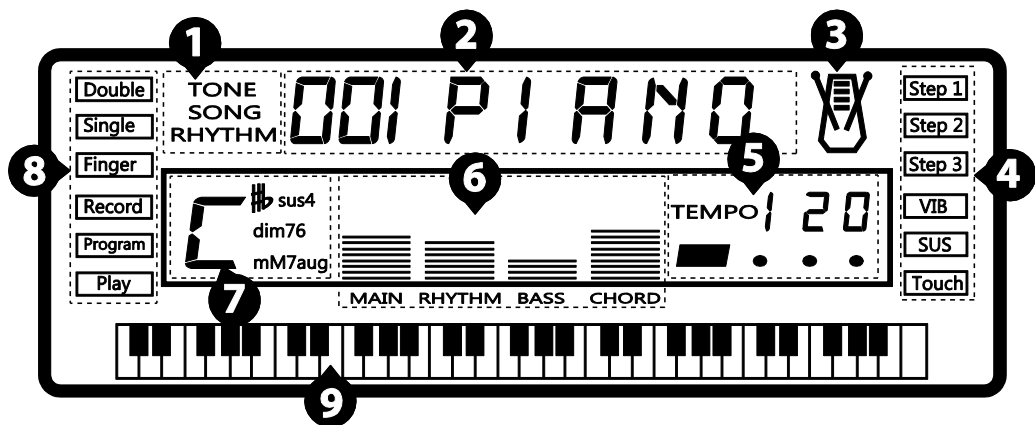
- | | |
|------------------------------|---------------------------|
| 1. Speaker | 17. Transpose |
| 2. Power Switch | 18. Rhythms List |
| 3. Start / Stop | 19. Tones List |
| 4. Dual / Split | 20. LCD Screen |
| 5. Sync / Fill in | 21. Demo |
| 6. Intro / Ending | 22. Tone |
| 7. Record / Program | 23. Teach |
| 8. Chord | 24. Rhythm |
| 9. Sustain | 25. Memory storage 1 |
| 10. Re-Play / Percussion | 26. Memory storage 2 |
| 11. Chord Tone | 27. Memory |
| 12. Vibrato | 28. Number Buttons |
| 13. Metronome | 29. Chord Keyboard Area |
| 14. Main Volume +/- | 30. Keyboard Playing Area |
| 15. Accompaniment Volume +/- | |
| 16. Tempo [Slow/Fast] | |

External Connections



1. MIDI Output
2. Sustain Pedal Input
3. AUX IN
4. Headphone Output
5. DC 12V Power Input

LCD Display



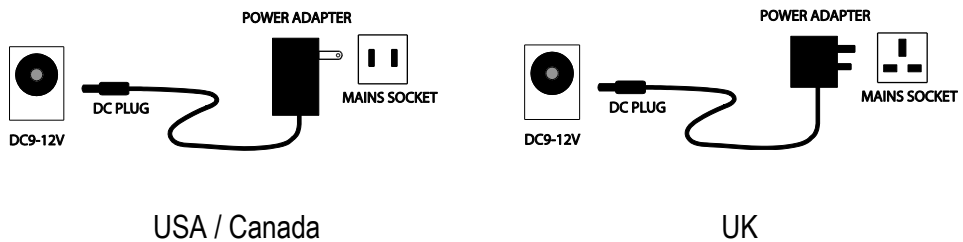
1. TONE, RHYTHM or DEMO song
2. Digital display for song, rhythm and tone number
3. Metronome for rhythm and song
4. Mode Indicators 1
5. Tempo value of rhythm and song (bpm)
6. Volume level display
7. Playing chord indication
8. Mode Indicators 2

Preparation Before First Use

Power

Use of AC/DC power adapter:

Please use the AC/DC power adapter that came with the electronic keyboard or a power adapter with DC 12V output voltage and 1,000mA output current with a centre positive plug. Connect the DC plug of the power adapter into the DC 12V power socket on the rear of the keyboard and then connect the other end into the mains wall socket and switch on.



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

Battery operation:

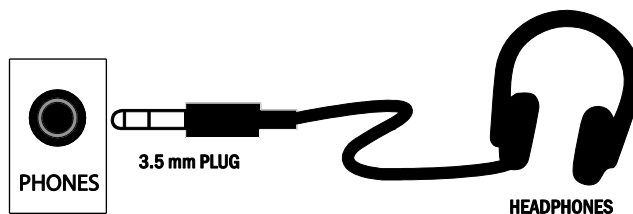
Open the battery lid on the underneath of the electronic keyboard and insert 6 x 1.5V Size D alkaline batteries. Ensure the batteries are inserted with the correct polarity and replace the battery lid.

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

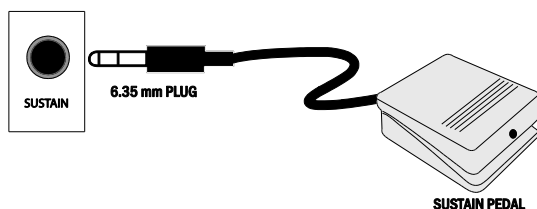
Using headphones:

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 with inline volume control are included.



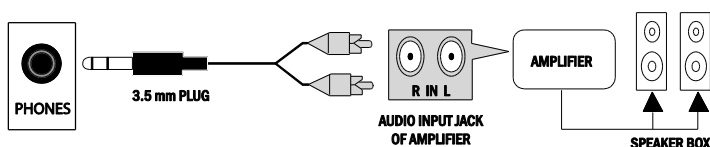
Connecting the sustain pedal:

This electronic keyboard has a 6.35mm socket for connecting a sustain pedal (included). Connect the pedal to the 6.35mm socket.



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.

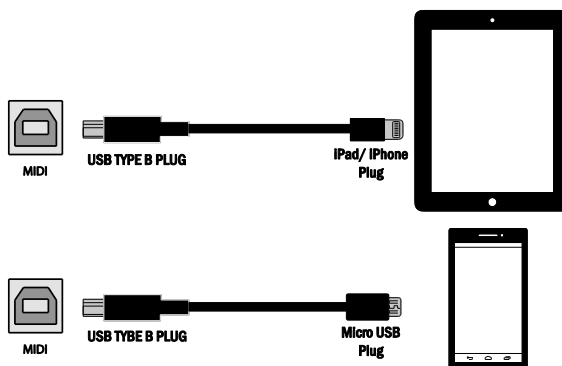


Connecting an iPad or Android device:

The Keyboard can be connected to an Apple or Android device through the MIDI output. This allows you to play music through an app. Connect the USB B type plug into the MIDI output at the back of the keyboard. USB cables for Android and Apple are not included but can be bought from Amazon or eBay.

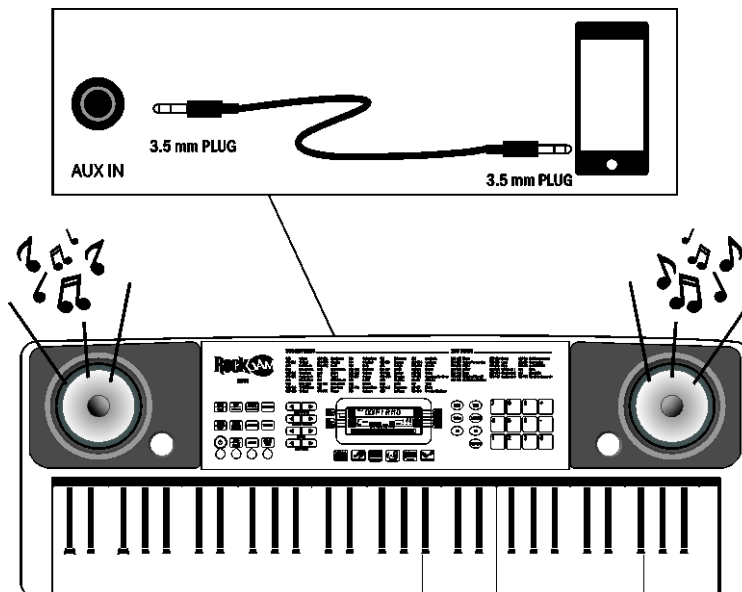
Note: Android 6.0 and upwards are required for MIDI function.

Recommended App: 'Simply Piano' by Joytunes available from Google Play or Apple App Store.



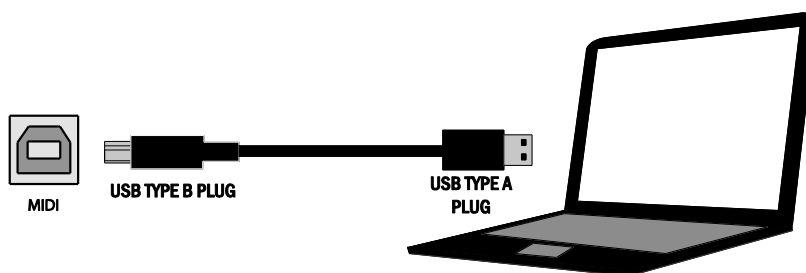
Connecting a phone or audio device to the AUX Input to play music through the keyboard:

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 Laptop or PC:

You can connect the keyboard to a laptop or PC device and work with various 3rd party MIDI software for recording and playing back songs using midi files. Connect a cable with USB B type plug into the MIDI output at the back of the keyboard and then connect the USB A type plug to the PC or Laptop. USB cable for PC/Laptop connection is not included.

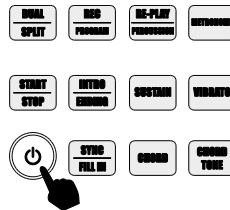


Keyboard Operation

Power and Volume

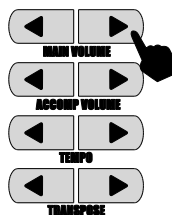
Power control:

Press the [POWER] button to turn the power on and again to turn the power off. The LED will light blue to indicate standby and red for power on.



Adjustment of the Master Volume:

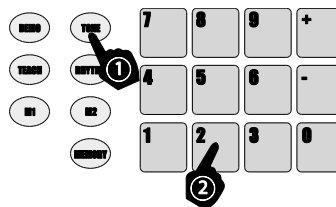
The keyboard has 16 levels of volume from 000(off) - 015. To change the volume, touch the [MAIN VOLUME +/-] buttons. The volume level is indicated by the bars on the LCD display. Pressing both the [MAIN VOLUME +/-] buttons at the same time will make the Main Volume return to the default level (level 009). The main volume level will be retained after power off and restored at power on.



Tone

Tone Selection:

When the keyboard is switched on the default TONE is "000" Grand 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.



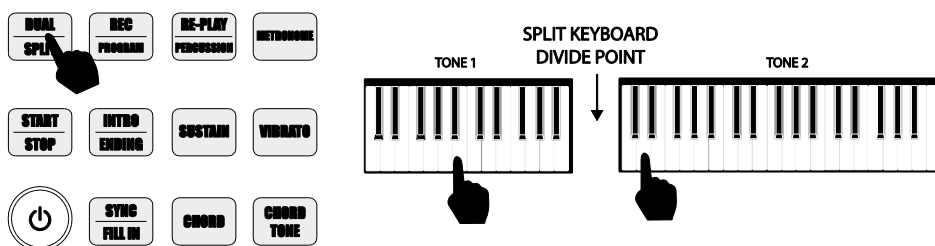
Effect & Control

Dual Tone Keyboard:

Dual Tone mode allows the keyboard to mix two tones and play them at the same time. To switch on Dual Tone Keyboard mode touch the [DUAL / SPLIT] button. The LCD display will show that Dual tone mode is active by showing [Dual] in the left side mode indicator. The first tone will be fixed as the tone that was selected before the [DUAL / SPLIT] button was pressed. The second tone can be freely selected by pressing the corresponding digits 0-9 on the numerical keypad. Press the [DUAL / SPLIT] button twice to exit Dual Tone mode.

Split Keyboard:

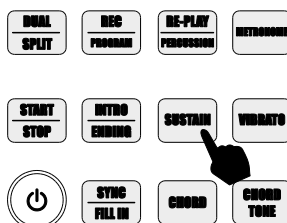
To switch on Split Keyboard mode press the [DUAL / SPLIT] button until the LCD display shows Split. The keyboard will split into two keyboards at the 24th key from the left. You can adjust the TONE of the left hand side of the keyboard by pressing the corresponding digits 0-9 on the numerical keypad. The TONE of the right 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 are raised by one octave. Press the [DUAL / SPLIT] button to exit Split Keyboard mode.



Sustain and Sustain Pedal use:

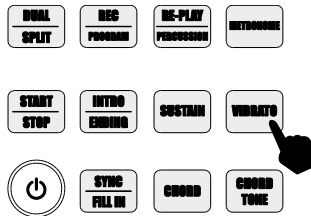
Touch the [SUSTAIN] button to enter Sustain mode. The LCD display will display that [SUSTAIN] is on. Once this mode is selected the sound of each note played is prolonged. Touching the [SUSTAIN] button again will turn the sustain feature off and exit this mode.

NOTE: In order to use the sustain pedal included then make sure that the sustain mode is switched off then press the sustain pedal to sustain individual notes as required.



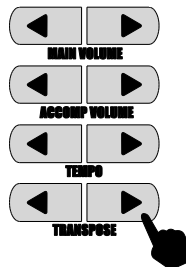
Vibrato:

Touch the [VIBRATO] button to enter Vibrato mode. The LCD display will display that [VIBRATO] is on. 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.



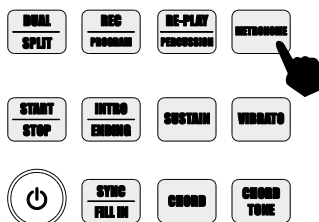
Transpose:

Touching the [TRANSPOSE +/-] buttons alters the musical scale of the note being played. You can adjust the scale by 6 levels upwards or downwards. Pressing both the [Transpose +/-] 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.



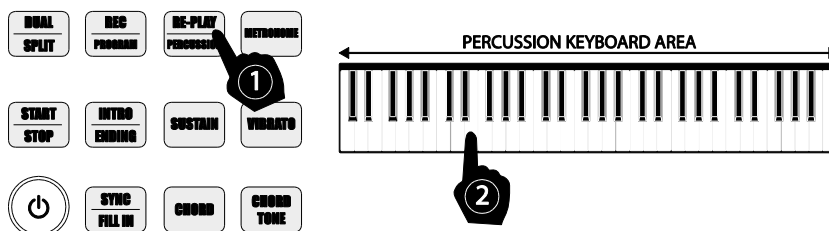
Metronome:

Touch the [METRONOME] 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 [METRONOME] button repeatedly to cycle through to the required beat pattern. The LCD display will indicate the beat you have chosen. The metronome effect is added to the music once you start playing. To exit this mode touch the [START/STOP] or [METRONOME] button again.



Panel Percussion Instruments:

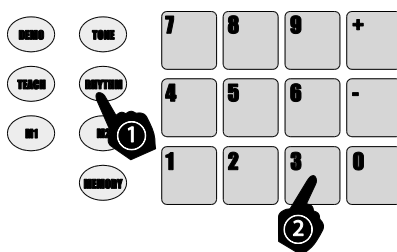
When the [RE-PLAY/ PERCUSSION] button is touched the keyboard's keys turn into a percussion instrument, the LCD will show 'Perc' to indicate percussion mode. Play the keyboard accordingly and the percussion sounds will be heard. Touch the [RE-PLAY/PERCUSSION] button again to exit Percussion mode. Refer to Appendix I. for a table of the 61 percussion sounds available.



Rhythm

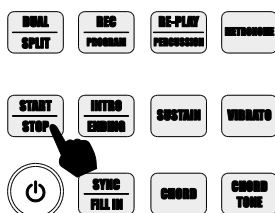
Selecting the rhythm:

You can choose from any of the 200 built in rhythms. Please refer to the Appendix II. for the detailed rhythm table. Touch the [RHYTHM] button to enter the rhythm selection function. The LCD 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

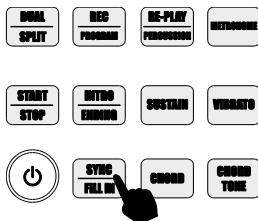


Sync:

Touch the [SYNC / FILL IN] 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.

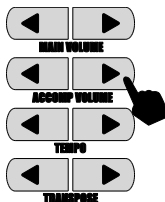
Fill in:

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



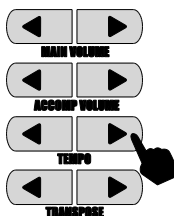
Accompaniment Volume Adjustment:

The Accompaniment Volume can be adjusted by pressing the [ACCOMP VOLUME +/-] buttons. The LCD display will show the volume as you are adjusting it. The adjustment range has 10 levels which are displayed as 000 – 009 and indicated by the bars on the LCD display. Pressing both the [ACCOMP VOLUME +/-] buttons at the same time will make the Accompaniment Volume return to the default level (level 006). 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:

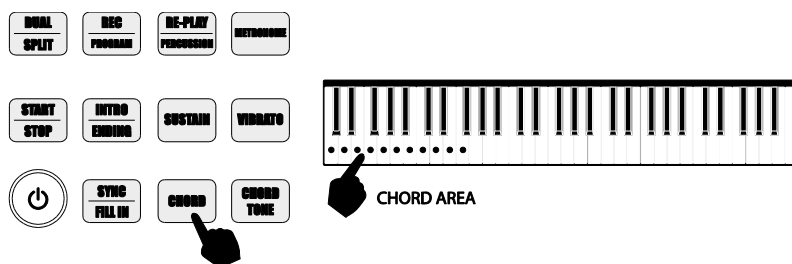
Touch the [TEMPO +/-] buttons to adjust the playing tempo of the rhythm, metronome and demo song. The adjustment range is 30-240 bpm. Pressing both the [TEMPO +/-] buttons at the same time will make the tempo revert to the default tempo for the rhythm selected. At power on the tempo will revert to 120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



Chord Accompaniment

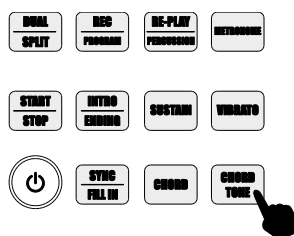
Single Finger Chords:

Touch the [CHORD] button to activate the combined single and multi finger chord function. The LCD screen will display this once the function is activated. 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 V. The played chord is displayed in the top left corner of the LCD display. Touch the [START / STOP] button to start or stop the chord accompaniment.



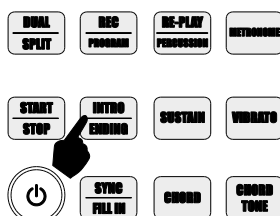
Chord Tones:

There are 4 kinds of chord accompaniment tone to choose from. To select the chord tone, touch the [CHORD TONE] button repeatedly during chord accompaniment. The LCD display will briefly show a number 00 - 03 to indicate the chord tone selected.



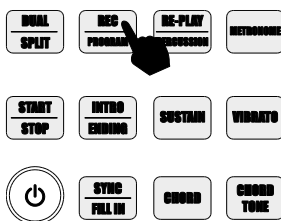
Intro / Ending:

Touch the [Intro / Ending] button to enable the intro section. When the intro finishes playing, accompaniment shifts to the main section. Touch [Intro / Ending] button again to enable the ending section. When the ending is finished, the auto accompaniment stops automatically.

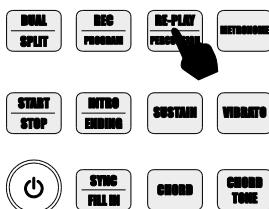


Recording Function

Touch the [REC / PROGRAM] button to enter the recording mode. The LCD will indicate that the recording function is on by showing [Record] in the left side Mode display. Press any key to start recording. The maximum recording capacity is 118 notes. When the recording capacity is full the LCD display will show [FL]. Each time you touch the [REC / PROGRAM] button, the previous memory will be cleared and the keyboard will enter the recording mode again.



Touch the [RE-PLAY] button to play back the recorded notes.

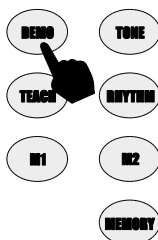


Rhythm Programming

Press the [REC / PROGRAM] three times to activate the Program mode. The LCD will indicate that the rhythm program function is on by showing [Program] in the left side Mode display. You can then play the keyboard and record your the percussion track (up to 32 percussion beats). To listen to your piece touch the [Re-Play / Percussion] button and the keyboard will playback your edited percussions. You can also adjust the speed of the playback using the [TEMPO +/-] buttons. To cancel the Programming mode, touch the [REC / PROGRAM] button.

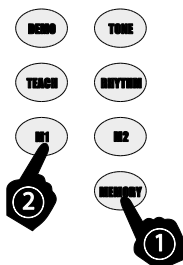
Demo Songs:

Touch the [DEMO] button to play a demo song. The LCD display will show [XXX DEMO] where xxx is the number of the demo song. By pressing the + and - button on the numerical keypad you can choose the demo song you require. There are 30 demo songs to choose from in total. The keyboard will finish the chosen song and then repeat in loop mode. Touch the [DEMO] button again to exit the demo mode. Refer to Appendix IV. for a list of the available Demo songs.



Setting Memories M1 and M2

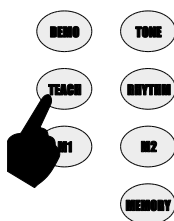
The keyboard has two built in memories for saving specific volume levels, rhythm, tones and tempos. Before performing, select the VOLUME, TONE, RHYTHM and TEMPO you wish to use. Then press and hold the [MEMORY] button. While holding the [MEMORY] button, press the [M1] or [M2] button and this will save the keyboard settings to that memory. You can access the stored keyboard settings you have saved by touching the [M1] or [M2] buttons before performing. The [M1] and [M2] memories will work even after the keyboard is switched off and back on again,



Teaching Modes

Single Key Course:

Touch the [TEACH] button to enter the Single Key teaching mode. The LCD screen will display [Course 1] in the right side Mode display area. This mode is suitable for beginners to familiarise themselves with the rhythm and tempo of the song. The LCD display will show [XXX DEMO] where xxx is the number of the demo song selected. Select a different song using the +/- or number keys. The beat point will flash on the LCD display to indicate the tempo. The keyboard will then play the main melody in time with any key presses, even incorrect ones.



Synchronised Course:

Touch the [TEACH] button x 2 to enter the Synchronised teaching mode. The LCD screen will display [Course 2] in the Mode display area. This mode is suitable for more advanced users. The LCD display will show [XXX DEMO] where xxx is the number of the demo song selected. Select a different song using the +/- or number keys. The beat point will flash on the LCD display to indicate the tempo. The correct key to press next is displayed on the LCD display. Play along in time making sure to press and hold the correct keys in time as indicated.

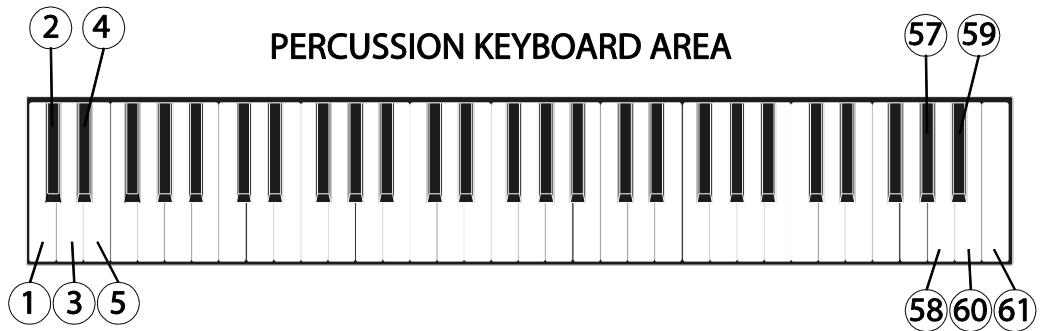
Concert Course:

Touch the [TEACH] button x 3 to enter the Concert course teaching mode. The LCD screen will display [Course 3] in the Mode display area. This mode is suitable for more advanced users. The LCD display will show show [XXX DEMO] where xxx is the number of the demo song selected. Select a different song using the +/- or number keys. The beat point will flash on the LCD display to indicate the tempo. The correct key to press is NOT displayed on the LCD display. Play along in time with correct key presses.

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 SINGLE KEY COURSE mode and duplicate the note timings using a single key. When mastered move onto the next stage.
- Access the same song in SYNC COURSE mode and play along by pressing the correct keys as indicated. When mastered move onto the next stage.
- Access the same song in CONCERT COURSE mode and play along by pressing the correct keys unaided. When mastered congratulate yourself and move onto a new song!

Appendix I. Percussion Instruments



No.	Percussion Instrument	No.	Percussion Instrument	No.	Percussion Instrument
1	C1 Click (Square Wave)	21	G#2 Hi-Hat Pedal	41	E4 Conga L
2	C#1 Brush Tap	22	A2 Low Tom	42	F4 Timbale H
3	D1 Brush Swirl	23	A#2 Hi-Hat Open	43	F#4 Timbale L
4	D#1 Brush Slap	24	B2 Mid Tom L	44	G4 Agogo H
5	E1 Brush Swirl W/Attack	25	C3 Mid Tom H	45	G#4 Agogo L
6	F1 Snare Roll	26	C#3 Crash Cymbal 1	46	A4 Cabasa
7	F#1 Castanet	27	D3 High Tom	47	A#4 Maracas
8	G1 Snare H Soft	28	D#3 Ride Cymbal 1	48	B4 Samba Whistle H
9	G#1 Sticks	29	E3 Chinese Cymbal	49	C5 Samba Whistle L
10	A1 Bass Drum H Soft	30	F3 Ride Cymbal Cup	50	C#5 Guiro Short
11	A#1 Open Rim Shot	31	F#3 Tambourine	51	D5 Guiro Long
12	B1 Bass Drum L	32	G3 Splash Cymbal	52	D#5 Claves
13	C2 Bass Drum H Hard	33	G#3 Cowbell	53	E5 Wood Block H
14	C#2 Closed Rim Shot	34	A3 Crash Cymbal	54	F5 Wood Block L
15	D2 Snare L	35	A#3 Vibraslap	55	F#5 Cuica Mute
16	D#2 Hand Clap	36	B3 Ride Cymbal 2	56	G5 Cuica Open
17	E2 Snare H Hard	37	C4 Bongo H	57	G#5 Triangle Mute
18	F2 Floor Tom L	38	C#4 Bongo L	58	A5 Triangle Open
19	F#2 Hi-Hat Closed	39	D4 Conga H Mute	59	A#5 Shaker
20	G2 Floor Tom H	40	D#4 Conga H Open	60	B5 Jingle Bell
				61	C6 Bell Tree

Appendix II. Rhythm Table

No.	Rhythm Name	No.	Rhythm Name	No.	Rhythm Name	No.	Rhythm Name
000	8 Beat	050	Swing Beat	100	Jazz Samba	150	Soul Psychedelic 6
001	16 Beat	051	8 Ballad	101	March 1	151	Classical ballad 1
002	Soul 16 Beat	052	Step	102	March 2	152	Classical ballad 2
003	Rock Beat	053	Big Band1	103	March 3	153	Classical ballad 3
004	Pop 16 Beat	054	Big Band2	104	March 4	154	Classical ballad 4
005	Soulbeat	055	Combo 1	105	Polka 1	155	Neo-Soul 1
006	Soul 1	056	Combo 2	106	Polka 2	156	Neo-Soul 2
007	Soul 2	057	Swing 1	107	Polka 3	157	Neo-Soul 3
008	Soul 3	058	Swing 2	108	Country & W 1	158	Rock Soul 1
009	Soul 4	059	Swing 3	109	Country & W 2	159	Rock Soul 2
010	Soul 5	060	Swing 4	110	Bluegrass	160	Rock Soul 3
011	Soul 6	061	Swing 5	111	Country 1	161	Rock Soul 4
012	Slow Soul 1	062	Swing 6	112	Country 2	162	Rock Soul 5
013	Slow Soul 2	063	Baiao	113	Country 3	163	Rock Soul 6
014	Slow Soul 3	064	Bolero	114	Middle East	164	Folk Rock 1
015	Funky Soul 1	065	Bossanova 1	115	China 1	165	Folk Rock 2
016	Funky Soul 2	066	Bossanova 2	116	China 2	166	Middle Eastern Rock
017	Funky Soul 3	067	Bossanova 3	117	China 3	167	70's Rock
018	Funky Soul 4	068	Bossanova 4	118	Thailand	168	80's Rock
019	Funky Soul 5	069	Bossanova 5	119	Waltz 1	169	Heavy Metal Rock
020	Funky Soul 6	070	Calypso	120	Waltz 2	170	Classic Rock
021	West Coast	071	Habanera	121	Waltz 3	171	Rock Dance
022	Euro Soul	072	Reggae 1	122	Waltz 4	172	Country Shuffle 1
023	16 AOR 1	073	Reggae 2	123	Jazz Waltz 1	173	Country Shuffle 2
024	16 AOR 2	074	Joropo	124	Jazz Waltz2	174	8 Country Shuffle

025	16 Beat 1	075	Tango 1	125	Jazz Waltz 3	175	Modern Lyric 1
026	16 Beat 2	076	Tango 2	126	Country Waltz 1	176	Modern Lyric 2
027	16 Beat 3	077	Tango 3	127	Country Waltz 2	177	Modern Lyric 3
028	16 Ballad 1	078	Mambo 1	128	Punk Swing 1	178	Middle East pop
029	16 Ballad 2	079	Mambo 2	129	Punk Swing 2	179	Euro Pop
030	Pop Dance 1	080	Rhumba 1	130	Punk Swing 3	180	New Age Pop
031	Pop Dance 2	081	Rhumba 2	131	Punk Swing 4	181	New Century
032	Pop Dance 3	082	Rhumba 3	132	Punk Swing 5	182	House Dance 1
033	Shuffle1	083	Rhumba 4	133	Punk Swing 6	183	House Dance 2
034	Shuffle 2	084	Rhumba 5	134	Oriental 16 Beat	184	Modern Orchestra 1
035	8 Shuffle	085	Bequine	135	Soft 16 Beat 1	185	Modern Orchestra 2
036	Hard Rock	086	Salsa	136	Soft 16 Beat 2	186	Euro Big Band
037	Slow Rock 1	087	Merengue1	137	Soft 16 Beat 3	187	Jazz Big Band
038	Slow Rock 2	088	Merengue2	138	16 Chamber Pop 1	188	Bossanova Pop 1
039	Pop Classic	089	Vallenato	139	16 Chamber Pop 2	189	Bossanova Pop 2
040	Blues	090	Plena	140	Modern 16 Beat	190	Bossanova Pop 3
041	Twist	091	Lambada	141	Classical 8 Beat	191	Bossanova Pop 4
042	Hard 3 Beat	092	Bachata 1	142	Classical 16 Beat	192	Bossanova Pop 5
043	Love Ballad 1	093	Bachata 2	143	Pop 3 Beat	193	8 Piano Blues
044	Love Ballad 2	094	Bachata 3	144	Psychedelic	194	Habanera Blues
045	Love Ballad 3	095	Samba 1	145	Soul Psychedelic 1	195	Country Blues
046	Love Ballad 4	096	Samba 2	146	Soul Psychedelic 2	196	Big Beat
047	Euro Beat	097	Pop Samba 1	147	Soul Psychedelic 3	197	Psychedelic Swing
048	House 1	098	Pop Samba 2	148	Soul Psychedelic 4	198	Baiao Pop
049	House 2	099	Pop Samba 3	149	Soul Psychedelic 5	199	Africa Bolero

Appendix III. Tone Table

No.	Tone Name	No.	Tone Name	No.	Tone Name	No.	Tone Name
000	Acoustic Grand Piano	050	Synth Strings 1	100	FX 5 (Brightness)	150	Flute String
001	Bright Acoustic Piano	051	Synth Strings 2	101	FX 6 (Goblins)	151	Synth Harmonica
002	Electric Grand Piano	052	Choir Aahs	102	FX 7 (Echoes)	152	Synth Xylophone
003	Honky-Tonk Piano	053	Voice Oohs	103	FX 8 (Sci-Fi)	153	Synth Violin
004	Rhodes Piano	054	Synth Voice	104	Sitar	154	Synth Flute
005	Chorused Piano	055	Orchestra Hit	105	Banjo	155	Synth Sax
006	Harpsichord	056	Trumpet	106	Shamisen	156	Rhd Piano
007	Clavichord	057	Trombone	107	Koto	157	Synth Dulcimer
008	Celesta	058	Tuba	108	Kalimba	158	Muted String
009	Glockenspiel	059	Muted Trumpet	109	Bagpipe	159	Rhd Horn
010	Music box	060	French Horn	110	Fiddle	160	Synth piano
011	Vibraphone	061	Brass Section	111	Shanai	161	Synth Guitar
012	Marimba	062	Synth Brass 1	112	Tinkle Bell	162	Synth Accordion
013	Xylophone	063	Synth Brass 2	113	Agogo	163	Synth Electric Guitar
014	Tubular Bells	064	Soprano Sax	114	Steel Drums	164	Synth Electric Bass
015	Dulcimer	065	Alto Sax	115	Woodblock	165	Synth Harp
016	Hammond Organ	066	Tenor Sax	116	Taiko Drum	166	Synth String
017	Percussive Organ	067	Baritone Sax	117	Melodic Tom	167	Synth Horn
018	Rock Organ	068	Oboe	118	Synth Drum	168	Synth Piccolo
019	Church Organ	069	English Horn	119	Reverse Cymbal	169	Bright Violin
020	Reed Organ	070	Bassoon	120	Guitar Fret Noise	170	Stringed violin
021	Accordion	071	Clarinet	121	Breath Noise	171	Xylophone & Violin
022	Harmonica	072	Piccolo	122	Seashore	172	Electronic Violin
023	Tango Accordion	073	Flute	123	Bird Tweet	173	Large Violin

024	Acoustic Guitar (Nylon)	074	Recorder	124	Telephone Ring	174	Rhythm Orchestra
025	Acoustic Guitar (Steel)	075	Pan Flute	125	Helicopter	175	Pizzicato Violin
026	Electric Guitar (Jazz)	076	Bottle Blow	126	Applause	176	Pizzicato Ensemble 1
027	Electric Guitar (Clean)	077	Shakuhachi	127	Gunshot	177	Pizzicato Ensemble 2
028	Electric Guitar (Muted)	078	Whistle	128	Perc Board	178	Percussion Band
029	Overdriven Guitar	079	Ocarina	129	Er Hu	179	Baritone Synth Contrabass
030	Distortion Guitar	080	Lead 1 (Square)	130	Mandolin	180	Bass Flute
031	Guitar Harmonics	081	Lead 2 (Sawtooth)	131	Piano Pad	181	Distortion Contrabass
032	Acoustic Bass	082	Lead 3 (Caliopé Lead)	132	Music Box Pad	182	Contrabass Lead
033	Electric Bass (Finger)	083	Lead 4 (Chiff Lead)	133	Guitar Pad	183	Violin Lead
034	Electric Bass (Pick)	084	Lead 5 (Charang)	134	Pan Flute Pad	184	Cello Lead
035	Fretless Bass	085	Lead 6 (Voice)	135	Banjo Pad	185	Pizzicato Rhythm
036	Slap Bass 1	086	Lead 7 (Fifths)	136	Bright Violin	186	High Harp
037	Slap Bass 2	087	Lead 8 (Bass+Lead)	137	Bright String	187	Harp Ensemble
038	Synth Bass 1	088	Pad 1 (New Age)	138	Bright Trombone	188	Synth Harp
039	Synth Bass 2	089	Pad 2 (Warm)	139	Bright Recorder	189	Baritone Trumpet
040	Violin	090	Pad 3 (Polysynth)	140	Bright Sax	190	Trumpet Ensemble
041	Viola	091	Pad 4 (Choir)	141	Electric Piano	191	Rhythm Trumpet
042	Cello	092	Pad 5 (Bowed)	142	Electric Guitar	192	High Trumpet
043	Contrabass	093	Pad 6 (Metallic)	143	Electric Sax	193	Synth Trumpet
044	Tremolo Strings	094	Pad 7 (Halo)	144	Electric Bass	194	Baritone Trombone
045	Pizzicato Strings	095	Pad 8 (Sweep)	145	Electric Ahs	195	Trombone Ensemble
046	Orchestral Harp	096	FX 1 (Rain)	146	Vibraphone String	196	Rhythm Trombone
047	Timpani	097	FX 2 (Soundtrack)	147	Accordion String	197	High Trombone
048	String Ensemble 1	098	FX 3 (Crystal)	148	Harmonica String	198	Baritone Trombone
049	String Ensemble 2	099	FX 4 (Atmosphere)	149	Trombone String	199	Synth Trombone

Appendix IV. Demo Song Table








































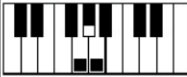

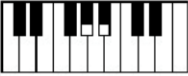






No.	Name of Song	No.	Name of Song
00	Beautiful Prairie My Home	15	Liuyang River
01	Rose Waiting For Love	16	Little Star
02	Fascinated	17	Water Village In My Dream
03	Hot dance Music	18	Cucurbit Flute
04	Song Of Herding Sheep	19	Happy Birthday To You
05	Passionate Music	20	Rhythm Of Rain
06	Passionate	21	Five Hundred Miles
07	Little Apple	22	Katusha
08	The South Of Cloud	23	Doraemon
09	Flower Fairy	24	Hungarian Dances
10	Jingle Bells	25	Dream Wedding
11	Entering A New Era	26	Heipanpo
12	Butterfly Rain	27	Beethoven Sonata
13	Place Of Flower in full bloom	28	Grand March
14	I Only Care About You	29	Mozart Piano Sonatas

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.
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 \flat				
D				
E \flat				
E				
F				
F \sharp				
G				
G \sharp				
A				
B \flat				
B				

Fingered Chords

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

Appendix VII. Technical Specification

- **Display**
LCD Display with staff and key Indication
- **Touch control and MIDI Output**
- **Tone**
200 tones
- **Rhythm**
200 rhythms
- **Demo**
30 different demo songs
- **Effect and Control**
Dual keyboard, Split keyboard, Sustain, Sustain pedal, Vibrato, Transpose
- **Recording and Programming**
118 Note record memory, Playback, 32 Beat rhythm programming
- **Percussion**
61 different instruments
- **Accompaniment Control**
Start / Stop, Sync, Fill in, Tempo
- **Intelligent Teaching**
Metronome, 3 teaching modes
- **External Jacks**
Power input, Headphone output, Sustain pedal input, MIDI output, AUX Input
- **Diapason (Range of Keyboard)**
C2- C7 (61 keys)
- **Intonation**
<3cent
- **Weight**
4.4kg
- **Power Adapter**
DC12V, 1,000mA
- **Output Power**
5W x 2
- **Accessories included**
Power adapter, Headphones, Sheet music stand, Sustain pedal, Keyboard stand, User guide

FCC Compliance Statement

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 (European Union)

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.



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