

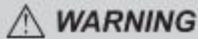
## 1 Battery



### **WARNING**

- Please take care off following attentions
- Do not attempt to disassemble or short-circuit the battery
- Do not expose or burn it in the fire
- Do not mix the new and old battery
- Do not mix different types of batteries
- Do not charge the battery
- The positive and negative poles of the battery must be properly installed
- Please remove the battery from the electronic keyboard If you do not use for a long time,

## 2 Exception



### **WARNING**

Please do the following steps when exception for the electronic keyboard like fuming, over hot and so on.

- 1). Power off
- 2). Pull the adaptor down from the power socket on the wall when are using.
- 3).Contact your local dealer in time.

It's normal for adaptor getting hot when long time using AC adaptor, not indicate Malfunction

Please Power off and restart the electronic keyboard when sometime function problem,

## 3 Install the battery

- 1). Exit the screw and remove the battery cover
- 2). Put the battery with correct positive+ and negative- direction into the battery slot with 6"AA" 1.5V
- 3). Put the battery cover and Lock the screws

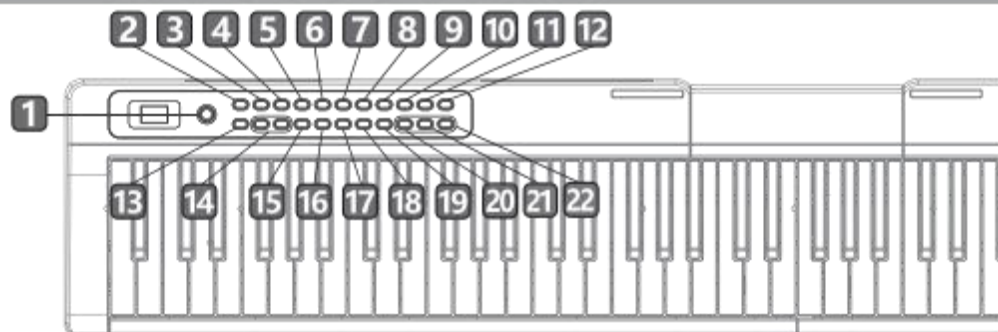
This product contains electronic components and should not allow liquids to enter or be used in damp environments. Daily dust-proof cleaning should be done well, and surface stains can be wiped with a soft and clean cloth.

# 88KEY

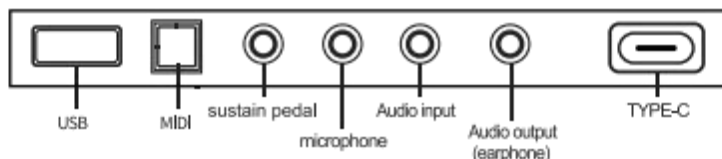
ELECTRONIC KEYBOARD USER MANUAL

Please read this manual carefully before using this product, and properly kept. The contents of this manual contains the attachment in detail.

# ELECTRONIC KEYBOARD USER MANUAL



- |                   |                     |                      |                     |                    |                  |
|-------------------|---------------------|----------------------|---------------------|--------------------|------------------|
| <b>1</b> Power    | <b>6</b> Volume     | <b>11</b> Key drum   | <b>16</b> Chord     | Bluetooth/MP3 mode |                  |
| <b>2</b> Tone     | <b>7</b> Rhythm vol | <b>12</b> Lesson     | <b>17</b> Record    |                    | <b>20</b> ▶/⏪    |
| <b>3</b> Rhythm   | <b>8</b> Tempo      | <b>13</b> Start/stop | <b>18</b> Play/LED  |                    | <b>21</b> ◀/VOL- |
| <b>4</b> Demo One | <b>9</b> Transpose  | <b>14</b> +/-        | <b>19</b> Metronome |                    | <b>22</b> ▶/VOL+ |
| <b>5</b> Demo All | <b>10</b> Dual key  | <b>15</b> Sync/Vel   |                     |                    |                  |



## 1. Power

Turn on the [Power] button to play the keyboard and enter the performance state.

## 2. Tone

After pressing [Tone] button, you can use the [+/-] button to select the tone.

## 3. Rhythm

After pressing [Rhythm] button, you can use the [+/-] button to select the rhythm.

## 4. Demo One

Press the [Demo One] for the first time to enter the [Demo One] mode, and press the Demo One for the second time to exit the Demo One mode. After entering the Demo One mode, play the selected song from the next song. When the song finishes playing, the current song is played repeatedly. In the Demo One mode, press the [+/-] key to switch songs.

## 5. Demo All

Press the [Demo All] for the first time to enter the continuous singing mode, and press the Demo All for the second time to exit the continuous singing mode. After entering continuous singing mode, After entering continuous singing mode, playback starts from the current song.

When the song is finished, continue to play the next song and play all the songs in a loop. In continuous singing mode, press [+/-] key to switch songs.

## 6. Volume

After pressing the Volume, you can use the [+] and [-] keys to increase/decrease the volume. The volume control has a total of 16 segments (1~16).

S054	Czemy599No.004	S102	Czemy599No.052
S055	Czemy599No.005	S103	Czemy599No.053
S056	Czemy599No.006	S104	Czemy599No.054
S057	Czemy599No.007	S105	Czemy599No.055
S058	Czemy599No.008	S106	Czemy599No.056
S059	Czemy599No.009	S107	Czemy599No.057
S060	Czemy599No.010	S108	Czemy599No.058
S061	Czemy599No.011	S109	Czemy599No.059
S062	Czemy599No.012	S110	Czemy599No.060
S063	Czemy599No.013	S111	Czemy599No.061
S064	Czemy599No.014	S112	Czemy599No.062
S065	Czemy599No.015	S113	Czemy599No.063
S066	Czemy599No.016	S114	Czemy599No.064
S067	Czemy599No.017	S115	Czemy599No.065
S068	Czemy599No.018	S116	Czemy599No.066
S069	Czemy599No.019	S117	Czemy599No.067
S070	Czemy599No.020	S118	Czemy599No.068
S071	Czemy599No.021	S119	Czemy599No.069
S072	Czemy599No.022	S120	Czemy599No.070
S073	Czemy599No.023	S121	Czemy599No.071
S074	Czemy599No.024	S122	Czemy599No.072
S075	Czemy599No.025	S123	Czemy599No.073
S076	Czemy599No.026	S124	Czemy599No.074
S077	Czemy599No.027	S125	Czemy599No.075
S078	Czemy599No.028	S126	Czemy599No.076
S079	Czemy599No.029	S127	Czemy599No.077
S080	Czemy599No.030	S128	Czemy599No.078
S081	Czemy599No.031	S129	Czemy599No.079
S082	Czemy599No.032	S130	Czemy599No.080
S083	Czemy599No.033	S131	Czemy599No.081
S084	Czemy599No.034	S132	Czemy599No.082
S085	Czemy599No.035	S133	Czemy599No.083
S086	Czemy599No.036	S134	Czemy599No.084
S087	Czemy599No.037	S135	Czemy599No.085
S088	Czemy599No.038	S136	Czemy599No.086
S089	Czemy599No.039	S137	Czemy599No.087
S090	Czemy599No.040	S138	Czemy599No.088
S091	Czemy599No.041	S139	Czemy599No.089
S092	Czemy599No.042	S140	Czemy599No.090
S093	Czemy599No.043	S141	Czemy599No.091
S094	Czemy599No.044	S142	Czemy599No.092
S095	Czemy599No.045	S143	Czemy599No.093
S096	Czemy599No.046	S144	Czemy599No.094
S097	Czemy599No.047	S145	Czemy599No.095
S098	Czemy599No.048	S146	Czemy599No.096
S099	Czemy599No.049	S147	Czemy599No.097
S100	Czemy599No.050	S148	Czemy599No.098
S101	Czemy599No.051	S149	Czemy599No.099
		S150	Czemy599No.100

### 13. Start/stop

Press the [Start/Stop] button for the first time to start playing the rhythm, and press the [Start/Stop] button for the second time to stop playing the rhythm.

Exit this mode under the mode of teaching, recording, playback, metronome, demo music, etc.

### 14. -/+

There are [+] and [-] sequential selection, a total of 2 keys. Can be used to select the tone, rhythm, song, volume, accompaniment volume, speed, transpose quickly.

If the number pressed exceeds the maximum number of tone, rhythms or songs, the original value will be maintained.

### 15. Sync/Vel

Press [Sync/Vel] for the first time to enter the sync mode, and press the Sync for the second time to exit the sync mode. When entering the sync mode, stop playing the rhythm, and then press the first 34 keys to automatically play the selected rhythm (chord). For the chord synchronization part, please refer to the single fingering accompaniment or multi-fingering accompaniment instructions.

(The default value of power on is the key strength off. Long press this key for 5 seconds to control the key strength on/off.)

### 16. Chord

Press [Chord] button for the first time to enter the integrated chord mode, and press [Chord] button for the second time to exit the integrated chord mode. [Chord] button only works in rhythm and normal mode. When playing the rhythm, press [Chord] button and press the fingering within the range of the keys A1 ~F4#, and then you can hear the corresponding chord accompaniment sound. If you don't press the fingering of the fingering, the single fingering will be played. Refers to the chord of the chord fingering.

When the rhythm is not playing press [Chord] button and press the fingering within the range of keys A1 ~F4#, and you will hear the corresponding chord sound. If you do not press the fingering of the fingering, the single fingering will be played. Refers to the chord tone. For the detailed fingering of the integrated fingering accompaniment, please refer to the single fingered chord table and the multi-finger chord table attached. The integrated fingering can be used with rhythm/chord /synchronization.

### 17. Record

Press the [Recording] button the first time to enter the recording mode, and the last record will be cleared; pressing the [recording] button for the second time will exit the recording mode. In the recording mode, the metronome will be played, and you can start recording by pressing any key. The maximum number of recordings is 700. When the recording is full, the next note cannot be recorded; during recording, you can press the [Play] button at any time to play the recorded notes or drum sounds.

### 18. Play/LED

Press [Play/LED] for the first time to play the recorded note or drum sound, and press the Play/LED for the second time to stop playing. Press the Play to exit the recording mode. If there is no recorded value before, press Play and no action will occur. (The default value for powering on is that the keyboard light is on. Press and hold this button for 5 seconds to control the keyboard LED on/off.)

### 19. Metronome

Press [Metronome] button, the action function is 1/4 beat ~ 7/4 beat + stop-+ beat. 4. The preset value of tempo is 120. There are 7 variations of the metronome sound, in sequence from 1/4 beat to 7/4 beat. When recording, press [Metronome] button to switch the metronome sound.

### Bluetooth/MP3 mode

20. Press [M/C] shortly (within 1 second) to play or pause the song. In pause mode, press [M/C] to continue playing the song.

21. Press [M/VOL] shortly (within 1 second) to select the previous song. Press the [M/VOL] for more than 1 second to decrease the volume.

22. Press [M/VOL] shortly (within 1 second) to select the next song. Press [M/VOL] for more than 1 second to increase the volume.

R502	Fusion Shuffl 2	R566	Carnival2	R632	Disco Funk2
R503	Club Pop1	R567	BossaNova2	R633	Disco Samba2
R504	Club Pop2	R568	Mambo 2	R634	New Hip Hop2
R505	16 Beat Pop1	R569	Mambo 3	R635	Cat Groove2
R506	16 Beat Pop2	R570	Bolero2	R636	Laff2
R507	8 Beat Pop1	R571	Cumbia3	R637	Pop Waltz3
R508	8 Beat Pop2	R572	Latin Rock	R638	Bhangra2
R509	8 Beat Soul1	R573	Disco Latin	R639	Twist3
R510	8 Beat Soul2	R574	Tijuana	R640	German March2
R511	8 Beat Rock1	R575	Reggae2	R641	Enka2
R512	8 Beat Rock2	R576	Salsa2	R642	Bolero Lento2
R513	Classic 8Beat	R577	Calypso	R643	Midnight Swing2
R514	Vintage Gtr Pop	R578	Guad Dance	R644	French Jazz2
R515	Schlager Italia	R579	Reggae 12Beat	R645	Latin Party Pop2
R516	70's Disco1	R580	Reggae 16Beat	R646	Tango6
R517	70's Disco2	R581	Swing Fox	R647	Tango7
R518	Funky Disco	R582	Slow Fox	R648	Parranda2
R519	Saturday Night	R583	Organ Cha Cha	R649	Latin Rock2
R520	Club Latin	R584	Organ Quick Step	R650	Acoustic Rock3
R521	Disco Chocolate	R585	Cat Groove	R651	80's Pop3
R522	Disco Fox	R586	Dixie Jazz	R652	60's Soul2
R523	Disco Funk	R587	Medium Jazz	R653	Fusion Shuffl3
R524	Disco Hands	R588	Jazz Big Band	R654	Fusion Shuffl4
R525	Disco Party	R589	Jazz Club	R655	16 Beat Pop3
R526	Disco Samba	R590	Ragtime2	R656	16 Beat Pop4
R527	UK Pop	R591	Big Band Shuffle 1	R657	60's Rock 3
R528	Club Dance	R592	Big Band Shuffle 2	R658	Brit Rock Pop2
R529	Modern R&B	R593	Big Band Shuffle 3	R659	Blueberry Blues2
R530	Hip Shuffle	R594	Fast Band 1	R660	Skiffle3
R531	Charleston	R595	Fast Band 2	R661	Mambo6
R532	Disco Pop	R596	Frankly Soul	R662	Mambo7
R533	Disco Soul	R597	Jazz Funk	R663	Club Pop3
R534	Disco Trot	R598	Classic Big Band	R664	Schlager Italia2
R535	Euro Beat2	R599	French Jazz	R665	Power Rock3
R536	Rap 3	R600	Jump Jive	R666	Rock'n Roll 3
R537	Rave	R601	Standard Rock2	R667	Cool8 Beat2
R538	Techno2	R602	16 Beat Ballad3	R668	British Pop6
R539	Techno3	R603	Contemp Rock2	R669	British Pop7
R540	70's Disco Funk	R604	EP Ballad2	R670	8 Beat Soul3
R541	Disco Philly	R605	Fusion4	R671	Brit Pop2
R542	Disco House	R606	Fusion5	R672	Disco Latin2
R543	80's Disco	R607	Funk2	R673	Brit Pop Swing2
R544	Schlager Polka	R608	Guitar Serenade2	R674	Fast Gospel2
R545	Polka Pop	R609	Organ Ballad3	R675	Fast Bossa2
R546	Blue Grass 1	R610	Joropo2	R676	60's Guitar Pop2
R547	Blue Grass 2	R611	Reggaeton2	R677	90's Soul
R548	Blue Grass 3	R612	French Waltz2	R678	Funk Shuffl 3
R549	Pop Waltz2	R613	Merengue2	R679	8 Beat Rock3
R550	USA March	R614	Pop Ballad2	R680	Rock Cha Cha2
R551	Hully Gully	R615	Norteno2	R681	Guijira2
R552	Tarantella	R616	Jig2	R682	Rock Ballad2
R553	Limbo Rock	R617	Hawaiian2	R683	Soul 5
R554	Swing Waltz	R618	70's Disco3	R684	Classic 8Beat2
R555	Pub Piano	R619	70's Disco4	R685	Bolero3
R556	Jazz Waltz2	R620	Club Beat2	R686	Soul Brothers2
R557	Jazz Waltz3	R621	Rap 4	R687	Happy Reggae2
R558	Show Tune	R622	Disco House2	R688	Pop Latin2
R559	Polka2	R623	MOR Swing2	R689	6-8Slow Rock2
R560	Ober Polka	R624	Retro Pop2	R690	6-8 Modern2
R561	Party Polka	R625	Calypso2	R691	6-8 Orchestral2
R562	Pop Mambo	R626	Trance Pop2	R692	Slow Soul2
R563	Latin Party Pop	R627	Big Band Shuffle4	R693	Piano Ballad3
R564	Cumbia2	R628	Big Band Shuffle5	R694	Disco Trot2
R565	Parranda	R629	Big Band Shuffle6	R695	Disco Hands2
		R630	German Rock2	R696	British Pop8
		R631	Schlager Beat2		

T183	Kawala 2	T247	Tsugaru 4	T311	Attack Barafon 4	R118	Unplugged 3	R182	March	R246	Tango4
T184	Didgeridoo 2	T248	Tsugaru 5	T312	Hard Barsoon 3	R119	Unplugged 4	R183	Polka	R247	Tango5
T185	Soft Guitar	T249	Mute Barafon 4	T313	Dulcimer 4	R120	Unplugged 5	R184	Classical 1	R248	Rock & Roll
T186	Suona 2	T250	Dual Horns 4	T314	Twin Bones 4	R121	Unplugged 6	R185	Classical 2	R249	Rock & Roll Shff1
T187	Twin Bones	T251	Soft Sax 3	T315	Soft Sax 5	R122	Unplugged 7	R186	China Folk 1	R250	Oldies R & R
T188	Jazz Organ 3	T252	Bodhran 3	T316	Shamisen 5	R123	Unplugged 8	R187	China Folk 2	R251	Detroit Pop1
T189	Woodblock 3	T253	Guitar Pinch 3	T317	Suona 4	R124	Dance 1	R188	China Opera 1	R252	Detroit Pop2
T190	Soft Santur	T254	Crystal 3	T318	Bodhran 4	R125	Dance 2	R189	China Opera 2	R253	Worship Med
T191	Koto 4	T255	Grow Guitar 2	T319	Shamisen 6	R126	Disco	R190	China Ballad	R254	Worship Fast
T192	Castanets	T256	Jazz Organ 6	T320	Electric Viphraphone 6	R127	House	R191	China Pop	R255	Piano Boogie
T193	Viola Attack 3	T257	Attack Barafon 2	T321	Tsugaru 7	R128	Euro Beat	R192	Xin Jiang	R256	Lovely Shuffle
T194	Woodblock 4	T258	Xylophone 4	T322	Oct Harp 3	R129	Funky Dance	R193	Shan Bei	R257	60's Rock & Roll
T195	Bright String 2	T259	Soft Santur 3	T323	Kalimba 4	R130	80's Dance	R194	Yun Nan	R258	Kool Funk
T196	Twin Bones 2	T260	Kawala 4	T324	Soft Clav. 2	R131	Techno	R195	He Nan	R259	Blueberry Blues
T197	Tenor Sax 2	T261	Soft Guitar 5	T325	English Horn 4	R132	Fusion	R196	An Hui	R260	Shuffle Blues
T198	Wind Organ	T262	Nay 4	T326	Didgeridoo 6	R133	Blues 1	R197	Guang Dong	R261	Mambo 4
T199	Tron Flute	T263	Synth Harpsi. 3	T327	Barafon 4	R134	Blues 2	R198	Xi Zang	R262	Mambo 5
T200	Bodhran 2	T264	Wind Organ 3	T328	Indian Flute 7	R135	Blues 3	R199	Mongolian	R263	Pop Classics
T201	Tron Flute 2	T265	Shanai 2	T329	Organ Flute 2	R136	Funky 1	R200	Korean	R264	Live 8 Beat
T202	Jazz Organ 4	T266	Woodblock 6	T330	Soft Santur 4	R137	Funky 2	R201	J-Pop Hit	R265	Power Rock2
T203	Soft Santur 2	T267	Electric Viphraphone 4	T331	Mute Barafon 7	R138	Funky 3	R202	16 Beat Ballad2	R266	Acoustic Rock2
T204	Woodblock 5	T268	Kawala 5	T332	Nay 7	R139	Gospel	R203	70's Pop Ballad	R267	Cool 8 Beat
T205	Shamisen 4	T269	Grow Guitar 3	T333	Hard Vibe 5	R140	Rap 1	R204	EP Ballad	R268	Uptempo 8Beat
T206	Indian Flute 2	T270	Grow Guitar 4	T334	Bari & Tenor 4	R141	Rap 2	R205	Power Ballad	R269	90's Rock Ballad
T207	Electric Viphraphone 2	T271	Steel Bell	T335	Bag Pipe 4	R142	Soul 1	R206	Guitar Ballad2	R270	Chart Rock Shff2
T208	Soft Guitar 2	T272	Wind Organ 4	T336	Tenor Sax 3	R143	Soul 2	R207	New R&B Ballad	R271	Brit Pop
T209	Mute Barafon 3	T273	Soft Accord 2	T337	Organ Flute 3	R144	Soul 3	R208	Guitar Serenade	R272	Brazilian Samba
T210	Dual Horns 2	T274	Kalimba 3	T338	Dulcimer 5	R145	Soul 4	R209	Organ Ballad2	R273	Brit Pop Swing
T211	Xylophone 2	T275	Twin Bones 3	T339	Twin Bones 5	R146	Country 1	R210	Joropo	R274	60's 8 Beat
T212	Didgeridoo 3	T276	Church Bells 3	T340	Grow Guitar 5	R147	Country 2	R211	Reggaeton	R275	Fast Bossa
T213	Wind Organ 2	T277	Koto 6	T341	Kalimba 5	R148	Country 3	R212	French Waltz	R276	60's Guitar Pop
T214	Church Bells 2	T278	Attack Barafon 3	T342	Oct Harp 4	R149	Country 4	R213	Merengue	R277	70's 8 Beat
T215	Tsugaru 3	T279	Mute Barafon 5	T343	Nay 8	R150	Country 5	R214	12-8 Ballad	R278	90's Guitar Pop
T216	Nay 2	T280	Nay 5	T344	Dual Horns 5	R151	Jazz 1	R215	Norteno	R279	Soft Rock2
T217	Guitar Pinch 2	T281	Jungle Bass 2	T345	Didgeridoo 7	R152	Jazz 2	R216	Jig	R280	Chart Guita rPop
T218	Grow Guitar	T282	Soft Accord 3	T346	English Horn 5	R153	Jazz Waltz	R217	Hawaiian	R281	Guijira
T219	Indian Flute 3	T283	Hard Vibe 3	T347	Kawala 6	R154	Jazz Ballad	R218	Electronica	R282	Modern Pop Bld
T220	Synth Harpsi. 2	T284	Soft Clav.	T348	Marimba 5	R155	Lounge	R219	Funky House	R283	Soul
T221	Soft Sax 2	T285	Bag Pipe 2	T349	Barafon 5	R156	Jive	R220	Club Beat	R284	Skiffle2
T222	Xylophone 3	T286	Oct Harp 2	T350	Soft Accord 5	R157	Ragtime	R221	Retro Club	R285	6-8Soul
T223	English Horn 2	T287	Woodblock 7	T351	Mute Barafon 8	R158	Charlston	R222	Mod Chart Pop	R286	Soul Brothers
T224	Soft Guitar 3	T288	Mute Barafon 6	T352	Dual Horns 6	R159	Big Band	R223	MOR Swing	R287	Happy Reggae
T225	Castanets 2	T289	Guitar Pinch 4	T353	Church Bells 4	R160	Swing	R224	Retro Pop	R288	Pop Latin
T226	Soft Guitar 4	T290	Dulcimer 3	T354	Wind Organ 5	R161	Caribbean	R225	Rumba Flamenco	R289	6-8Slow Rock
T227	Hard Vibe 2	T291	Soft Sax 4	T355	Attack Clav. 5	R162	Reggae	R226	Trance Pop	R290	6-8 Modern
T228	Reed Horn	T292	Electric Viphraphone 5	T356	Jazz Organ 7	R163	Cha Cha	R227	Orch Big Band2	R291	6-8 Orchestral
T229	Nay 3	T293	Tsugaru 6	T357	Reed Horn 3	R164	Rumba	R228	Big Band Fast2	R292	Schlager Shuffle
T230	Bari & Tenor	T294	Reed Horn 2	T358	Tenor Sax 4	R165	Samba	R229	Midnight Swing	R293	Schlager Pop
T231	Kawala 3	T295	Castanets 3	T359	Chorus Guitar. 2	R166	BossaNova	R230	German Rock	R294	Schlager Rumba
T232	Indian Flute 4	T296	Tron Flute 3	T360	Didgeridoo 8	R167	Mambo	R231	Schlager Beat	R295	Euro Pop Organ
T233	Didgeridoo 4	T297	Attack Clav. 3	T361	Soft Santur 5	R168	Salsa	R232	Mellow Hip Hop	R296	70's French Hit
T234	Attack Clav. 2	T298	Bari & Tenor 3	T362	Clavi 6	R169	Beguine	R233	Classic Hip Hop	R297	Italian Mazurka
T235	Marimba 3	T299	Indian Flute 6	T363	Kalimba 6	R170	Cumbia	R234	New Hip Hop	R298	Bohemian Waltz
T236	Bari & Tenor 2	T300	Soft Guitar 6	T364	Didgeridoo 9	R171	Latin	R235	Duranguense	R299	Schlager Samba1
T237	Slow Violin	T301	Nay 6	T365	Wind Organ 6	R172	Baroque	R236	Laff	R300	Schlager Samba2
T238	Organ Flute	T302	Didgeridoo 5	T366	Tron Flute 4	R173	Bolero	R237	Ober Walzer	R301	Scand Slow Rock
T239	Jazz Organ 5	T303	Marimba 4	T367	Soft Sax 6	R174	Holly Wood	R238	Bhangra	R302	Schlager 6-8
T240	Electric Viphraphone 3	T304	Attack Clav. 4	T368	Suona 5	R175	Foxtrot	R239	Zouk	R303	Schlager Fox
T241	Dual Horns 3	T305	Jungle Bass 3	T369	Soft Guitar 7	R176	Paso Doble	R240	German March	R304	Highland Waltz
T242	Indian Flute 5	T306	Hard Barsoon 2	T370	Hard Vibe 6	R177	Quick Step	R241	Enka	R305	Italian Polka
T243	English Horn 3	T307	Suona 3	T371	Jazz Organ 8	R178	Bachata	R242	Bolero Lento	R306	Grupera
T244	Dulcimer 2	T308	Hard Vibe 4	T372	Grow Guitar 6	R179	Boston	R243	Sherif fReggae	R307	Danzon
T245	Koto 5	T309	Bag Pipe 3	T373	Xylophone 5	R180	Tango	R244	Beguine2	R308	Schlager Alp
T246	Tubular Bells 3	T310	Soft Accord 4	T374	Bag Pipe 5	R181	Waltz	R245	Latin Disco	R309	Saeidy

T567	Attack Barafon 8	T631	Koto 11	T695	Viola Attack 9	T759	Suona 14	T821	Attack Barafon 14	T883	Crystal 14
T568	Soft Clav. 9	T632	Kalimba 12	T696	Hard Vibe 13	T760	Kalimba 13	T822	Electric Vraphone 13	T884	Barafon 9
T569	Tubular Bells 4	T633	Suona 10	T697	Koto 13	T761	Suona 15	T823	Soft Guitar 18	T885	Reed Horn 12
T570	Reed Organ 4	T634	Oct Harp 6	T698	Tenor Sax 9	T762	Slow Violin 12	T824	Xylophone 11	T886	Dual Horns 13
T571	Guitar Pinch 10	T635	Koto 12	T699	Kawala 15	T763	Reed Organ 7	T825	Tenor Sax 12	T887	Chorus Guitar, 12
T572	Bodhran 10	T636	Shanai 8	T700	Steel Bell 6	T764	Kawala 19	T826	Oct Harp 8	T888	Grow Guitar 13
T573	Clavi 11	T637	Electric Giutar (Clean) 8	T701	Soft Accord 11	T765	Reed Horn 9	T827	Shamisen 12	T889	Shanai 12
T574	Viola Attack 6	T638	Clavi 12	T702	Organ Flute 10	T766	Attack Harp 7	T828	Reed Horn 10	T890	Twin Bones 12
T575	Synth Harpsi. 7	T639	Attack Harp 3	T703	Organ Flute 11	T767	Oct Harp 7	T829	Marimba 12	T891	Barafon 10
T576	Jungle Bass 7	T640	Attack Clav. 10	T704	Bright String 9	T768	Kalimba 14	T830	Reed Organ 11	T892	Jungle Bass 11
T577	Koto 9	T641	Bright String 6	T705	Soft Santur 11	T769	Twin Bones 9	T831	Attack Clav. 13	T893	Marimba 13
T578	Church Bells 7	T642	Organ Flute 7	T706	Hard Barsoon 10	T770	Attack Clav. 12	T832	Hard Barsoon 15	T894	Grow Guitar 14
T579	Soft Accord 9	T643	Electric Giutar (Clean) 9	T707	Wind Organ 14	T771	Bari & Tenor 11	T833	Dual Horns 12	T895	Viola Attack 12
T580	Tubular Bells 5	T644	Kawala 12	T708	Synth Harpsi. 11	T772	Attack Harp 8	T834	Soft Clav. 13	T896	Shamisen 15
T581	Bag Pipe 12	T645	Bodhran 11	T709	Soft Sax 19	T773	English Horn 16	T835	Church Bells 12	T897	Tsugaru 12
T582	Grow Guitar 8	T646	Shanai 9	T710	Bright String 10	T774	Twin Bones 10	T836	Oct Harp 9	T898	Reed Horn 13
T583	Mute Barafon 18	T647	Suona 11	T711	Bright String 11	T775	Soft Clav. 12	T837	Oct Harp 10	T899	Shanai 13
T584	Soft Accord 10	T648	Synth Harpsi. 10	T712	Jungle Bass 9	T776	Tubular Bells 10	T838	Indian Flute 13	T900	Castanets 13
T585	Electric Giutar (Clean) 6	T649	Bari & Tenor 6	T713	Soft Accord 12	T777	Slow Violin 13	T839	Viola Attack 11	T901	Reed Organ 12
T586	Viola Attack 7	T650	Kawala 13	T714	Reed Horn 8	T778	Synth Harpsi. 15	T840	Clavi 14	T902	Twin Bones 13
T587	Kawala 11	T651	Bari & Tenor 7	T715	Slow Violin 10	T779	Guitar Pinch 12	T841	Koto 15	T903	Chorus Guitar, 13
T588	Soft Santur 7	T652	Reed Horn 7	T716	Synth Harpsi. 12	T780	Church Bells 10	T842	Soft Guitar 19	T904	Tron Flute 13
T589	Bright String 5	T653	Shamisen 10	T717	Attack Harp 6	T781	Castanets 10	T843	Castanets 12	T905	Koto 16
T590	Electric Giutar (Clean) 7	T654	Soft Clav. 11	T718	Soft Santur 12	T782	Twin Bones 11	T844	Jazz Organ 14	T906	Oct Harp 12
T591	Attack Barafon 9	T655	Bari & Tenor 8	T719	Hard Barsoon 11	T783	Indian Flute 12	T845	Bag Pipe 14	T907	Grow Guitar 15
T592	Electric Vraphone 9	T656	Soft Santur 9	T720	English Horn 15	T784	Woodblock 11	T846	Steel Bell 8	T908	Shanai 14
T593	Steel Bell 5	T657	Attack Harp 4	T721	Crystal 8	T785	Attack Harp 9	T847	Church Bells 13	T909	Electric Giutar (Clean) 12
T594	Mute Barafon 19	T658	Bright String 7	T722	Bari & Tenor 10	T786	Crystal 10	T848	Guitar Pinch 13	T910	Castanets 14
T595	Chorus Guitar. 7	T659	Guitar Pinch 11	T723	Koto 14	T787	Mute Barafon 21	T849	Soft Clav. 14	T911	Reed Organ 13
T596	Soft Clav. 10	T660	Wind Organ 11	T724	Didgeridoo 20	T788	Synth Harpsi. 16	T850	Tubular Bells 12	T912	Electric Giutar (Clean) 13
T597	Viola Attack 8	T661	Soft Guitar 12	T725	Tenor Sax 10	T789	Reed Organ 8	T851	Grow Guitar 12	T913	Soft Accord 14
T598	Church Bells 8	T662	English Horn 14	T726	Bright String 12	T790	Steel Bell 7	T852	Steel Bell 9	T914	Twin Bones 14
T599	Soft Santur 8	T663	Kawala 14	T727	Hard Vibe 14	T791	Chorus Guitar. 8	T853	Chorus Guitar. 10	T915	Marimba 14
T600	Wind Organ 10	T664	Grow Guitar 11	T728	Dual Horns 10	T792	Reed Organ 9	T854	Crystal 13	T916	Jungle Bass 12
T601	Indian Flute 11	T665	Attack Harp 5	T729	Kawala 16	T793	Marimba 10	T855	Reed Horn 11	T917	Electric Giutar (Clean) 14
T602	Tsugaru 10	T666	Bari & Tenor 9	T730	Kawala 17	T794	Electric Vraphone 11	T856	Steel Bell 10	T918	Barafon 11
T603	Dulcimer 10	T667	Organ Flute 8	T731	Bag Pipe 13	T795	Soft Guitar 16	T857	Kawala 21	T919	Viola Attack 13
T604	Grow Guitar 9	T668	Woodblock 10	T732	Electric Giutar (Clean) 10	T796	Viola Attack 10	T858	Attack Harp 10	T920	Slow Violin 14
T605	Tubular Bells 6	T669	Hard Vibe 11	T733	Tron Flute 10	T797	Reed Organ 10	T859	Oct Harp 11	T921	Oct Harp 13
T606	Jungle Bass 8	T670	Mute Barafon 20	T734	Kawala 18	T798	Bari & Tenor 12	T860	Kalimba 15	T922	Dulcimer 15
T607	Dulcimer 11	T671	Tubular Bells 7	T735	Tron Flute 11	T799	Soft Sax 22	T861	Tubular Bells 13	T923	Bari & Tenor 13
T608	Organ Flute 6	T672	Suona 12	T736	Tubular Bells 8	T800	Jazz Organ 13	T862	Electric Giutar (Clean) 11	T924	Bag Pipe 15
T609	Nay 11	T673	Bright String 8	T737	Synth Harpsi. 13	T801	Soft Guitar 17	T863	Jazz Organ 15	T925	Attack Clav. 14
T610	Attack Barafon 10	T674	Hard Vibe 12	T738	Soft Santur 13	T802	Xylophone 9	T864	Attack Barafon 15	T926	Kalimba 16
T611	English Horn 13	T675	Slow Violin 8	T739	Tubular Bells 9	T803	Xylophone 10	T865	Soft Guitar 20	T927	Hard Vibe 15
T612	Suona 8	T676	Shamisen 11	T740	Attack Barafon 11	T804	Church Bells 11	T866	Soft Accord 13	T928	Organ Flute 14
T613	Reed Organ 5	T677	Tron Flute 9	T741	Attack Barafon 12	T805	Suona 16	T867	Synth Harpsi. 17	T929	Jungle Bass 13
T614	Shamisen 8	T678	Attack Clav. 11	T742	Electric Vraphone 10	T806	Crystal 11	T868	Bodhran 12	T930	Electric Vraphone 14
T615	Koto 10	T679	Dual Horns 9	T743	Dual Horns 11	T807	Chorus Guitar. 9	T869	Woodblock 12	T931	Viola Attack 14
T616	Shamisen 9	T680	Wind Organ 12	T744	Shanai 10	T808	Crystal 12	T870	Attack Harp 11	T932	Bodhran 13
T617	Church Bells 9	T681	Twin Bones 8	T745	Bright String 13	T809	Hard Barsoon 13	T871	Organ Flute 12	T933	Tubular Bells 15
T618	Nay 12	T682	Reed Organ 6	T746	Crystal 9	T810	Castanets 11	T872	Jazz Organ 16	T934	Indian Flute 14
T619	Hard Barsoon 9	T683	Organ Flute 9	T747	Clavi 13	T811	Kawala 20	T873	Didgeridoo 21	T935	Tenor Sax 13
T620	Slow Violin 7	T684	Slow Violin 9	T748	Soft Sax 20	T812	Nay 16	T874	Church Bells 14	T936	Guitar Pinch 14
T621	Soft Sax 17	T685	Dulcimer 12	T749	Tron Flute 12	T813	Tubular Bells 11	T875	Synth Harpsi. 18	T937	Steel Bell 11
T622	Grow Guitar 10	T686	Tsugaru 11	T750	Dulcimer 14	T814	Hard Barsoon 14	T876	Chorus Guitar. 11	T938	Tsugaru 13
T623	Attack Harp 2	T687	Wind Organ 13	T751	Slow Violin 11	T815	Barafon 8	T877	Organ Flute 13	T939	Soft Santur 14
T624	Suona 9	T688	Soft Santur 10	T752	Tenor Sax 11	T816	Marimba 11	T878	Shamisen 13	T940	Bright String 14
T625	Nay 13	T689	Suona 13	T753	Nay 15	T817	Soft Sax 23	T879	Jungle Bass 10	T941	Oct Harp 14
T626	Synth Harpsi. 8	T690	Soft Guitar 13	T754	Soft Guitar 15	T818	Attack Barafon 13	T880	Shamisen 14	T942	Attack Harp 12
T627	Didgeridoo 19	T691	Xylophone 8	T755	Shanai 11	T819	Electric Vraphone 12	T881	Tubular Bells 14	T943	Church Bells 15
T628	Nay 14	T692	Dulcimer 13	T756	Hard Barsoon 12	T820	Wind Organ 15	T882	English Horn 17	T944	Tenor Sax 14
T629	Synth Harpsi. 9	T693	Marimba 9	T757	Synth Harpsi. 14						
T630	Soft Sax 18	T694	Soft Guitar 14	T758	Soft Sax 21						

T945	Dual Horns 14	T964	Bag pipe 16	T983	Attack Harp 15	T375	Bag pipe 6	T439	shantai 5	T503	Bag pipe 11
T946	Barafon 12	T965	viola Attack 15	T984	koto 17	T376	clavi 7	T440	English Horn 10	T504	Hard Barsoon 7
T947	steel Bell 12	T966	steel Bell 14	T985	Reed organ 15	T377	Hard vibe 7	T441	Didgeridoo 11	T505	Mute Barafon 15
T948	Marimba 15	T967	crystal 15	T986	Attack clav. 15	T378	kawala 7	T442	organ Flute 5	T506	soft sax 12
T949	Electric vibraphone 15	T968	Bright string 15	T987	clavi 15	T379	shantai 3	T443	Attack Barafon 6	T507	Attack clav. 9
T950	soft Accord 15	T969	Reed Horn 14	T988	Dual Horns 15	T380	suona 6	T444	Jungle Bass 5	T508	Jazz organ 12
T951	steel Bell 13	T970	Guitar pinch 15	T989	steel Bell 15	T381	Jungle Bass 4	T445	Barafon 7	T509	soft Guitar 9
T952	Tenor sax 15	T971	oct Harp 15	T990	slow violin 15	T382	Grow Guitar 7	T446	soft santur 6	T510	Didgeridoo 13
T953	ElectricGuitar (clean) 15	T972	Twin Bones 15	T991	soft santur 15	T383	Bag pipe 7	T447	slow violin 3	T511	Bright string4
T954	soft clav. 15	T973	chorus Guitar. 15	T992	Barafon 14	T384	crystal 4	T448	Hard Barsoon 6	T512	Electric Giutar (clean) 4
T955	Bari & Tenor 14	T974	Bari & Tenor 15	T993	organ Flute 15	T385	Guitar pinch 5	T449	Didgeridoo 12	T513	Tsugaru 9
T956	Attack Harp 13	T975	Tenor sax 16	T994	castanets 15	T386	woodblock 8	T450	kalimba 8	T514	Nay 10
T957	chorus Guitar. 14	T976	Indian Flute 15	T995	Guitar pinch 16	T387	soft sax 7	T451	Electric Giutar (clean) 3	T515	Reed Horn 6
T958	shantai 15	T977	Bodhran 15	T996	Tron Flute 15	T388	Attack Barafon 5	T452	Dulcimer 8	T516	Didgeridoo 14
T959	Reed organ 14	T978	shamisen 16	T997	Tsugaru 15	T389	Barafon 6	T453	Reed Horn 5	T517	soft clav. 5
T960	Bodhran 14	T979	Attack Harp 14	T998	Reed Horn 15	T390	organ Flute 4	T454	Bodhran 5	T518	soft sax 13
T961	Jungle Bass 14	T980	Barafon 13	T999	Barafon 15	T391	Mute Barafon 9	T455	soft sax 9	T519	Reed organ 3
T962	Tsu aru 14	T981	Jungle Bass 15	T000	ElectricGiutar (clean) 16	T392	shantai 4	T456	Mute Barafon 14	T520	steel Bell 3
T963	shantai 16	T982	Tron Flute 14			T393	soft clav. 3	T457	Guitar pinch 7	T521	clavi 10

## 22.Appendix 2 (Rhythm comparison table)

R001	8Beat 1	R040	Pop 14	R079	shuffle 1	T394	oct Harp 5	T458	wind organ 7	T522	wind organ 8
R002	8Beat 2	R041	Pop Bolero	R080	shuffle 2	T395	Tron Flute 5	T459	Guitar pinch 8	T523	synth Harpsi. 6
R003	8Beat 3	R042	Pop BossaNova	R081	Boogie 1	T396	Bright string 3	T460	Indian Flute 9	T524	Bari & Tenor 5
R004	8Beat 4	R043	pop waltz	R082	Boogie 2	T397	Jazz organ 9	T461	Bag pipe 9	T525	steel Bell 4
R005	8Beat 5	R044	Pop Dance	R083	Boogie 3	T398	Mute Barafon 10	T462	crystal 6	T526	soft sax 14
R006	8Beat 6	R045	Pop Dance	R084	Twist	T399	slow violin 2	T463	Twin Bones 6	T527	castanets 8
R007	8Beat 7	R046	Motown	R085	Ballad 1	T400	soft sax 8	T464	crystal 7	T528	Didgeridoo 15
R008	8Beat 8	R047	British Pop 1	R086	Ballad 2	T401	English Horn 6	T465	soft Guitar 8	T529	soft sax 15
R009	8Beat 9	R048	British Pop 2	R087	Ballad 3	T402	Reed Horn 4	T466	Guitar pinch 9	T530	Mute Barafon 16
R010	8Beat 10	R049	British Pop 3	R088	Ballad 4	T403	Indian Flute 8	T467	Attack clav. 6	T531	soft Guitar 10
R011	8Beat 11	R050	Guitar Pop	R089	Ballad 5	T404	castanets 4	T468	Bodhran 6	T532	soft Accord 8
R012	8Beat 12	R051	Slow Pop	R090	Ballad 6	T405	English Horn 7	T469	suona 7	T533	wind organ 9
R013	8Beat 13	R052	Slow Pop	R091	Ballad 7	T406	Tron Flute 6	T470	chorus Guitar. 3	T534	Didgeridoo 16
R014	8Beat 14	R053	50'S Pop	R092	soul Ballad	T407	English Horn 8	T471	slow violin 4	T535	ElectricGiutar (clean) 5
R015	8Beat 15	R054	80'S Pop	R093	6/8 Ballad	T408	Hard Barsoon 4	T472	clavi 9	T536	English Horn 11
R016	8Beat 16	R055	Rock 1	R094	Acoustic Ballad	T409	Dulcimer 6	T473	castanets 6	T537	soft sax 16
R017	8Beat 17	R056	Rock 2	R095	colour Ballad	T410	xylophone 6	T474	slow violin 5	T538	soft Guitar 11
R018	8Beat 18	R057	Rock 3	R096	Guitar Ballad	T411	Mute Barafon 11	T475	Jazz organ 10	T539	Hard Barsoon 8
R019	16Beat 1	R058	Rock 4	R097	piano Ballad	T412	Nay 9	T476	Jazz organ 11	T540	kalimba 9
R020	16Beat 2	R059	50'S Rock	R098	organ Ballad	T413	Mute Barafon 12	T477	Electric vibraphone 8	T541	koto 8
R021	16Beat 3	R060	60'S Rock 1	R099	Groove 1	T414	Dual Horns 7	T478	Bodhran 7	T542	soft clav. 6
R022	16Beat 4	R061	60'S Rock 2	R100	Groove 2	T415	kawala 8	T479	steel Bell 2	T543	xylophone 7
R023	16Beat 5	R062	70'S Rock	R101	Groove 3	T416	soft clav. 4	T480	synth Harpsi. 5	T544	soft clav. 7
R024	16Beat 6	R063	80'S Rock	R102	Groove 4	T417	Hard Barsoon 5	T481	Marimba 6	T545	church Bells 6
R025	16Beat 7	R064	Big Rock	R103	Groove 5	T418	Dulcimer 7	T482	Marimba 7	T546	kawala 10
R026	16Beat 8	R065	power Rock	R104	Groove 6	T419	soft Accord 6	T483	Attack Barafon 7	T547	Didgeridoo 17
R027	Pop 1	R066	Dark Rock	R105	Groove 7	T420	church Bells 5	T484	castanets 7	T548	kalimba 10
R028	Pop 2	R067	Jazz Rock	R106	Groove 8	T421	shamisen 7	T485	Hard vibe 9	T549	castanets 9
R029	Pop 3	R068	soft Rock	R107	Groove 9	T422	synth Harpsi. 4	T486	Tron Flute 7	T550	Didgeridoo 18
R030	Pop 4	R069	Pop Rock 1	R108	piano 1	T423	crystal 5	T487	softAccord 7	T551	Bodhran 8
R031	Pop 5	R070	Pop Rock 2	R109	piano 2	T424	kawala 9	T488	shantai 6	T552	English Horn 12
R032	Pop 6	R071	Funky Rock 1	R110	piano 3	T425	Dual Horns 8	T489	woodblock 9	T553	Hard vibe 10
R033	Pop 7	R072	Funky Rock 2	R111	piano 4	T426	clavi 8	T490	soft sax 10	T554	Bodhran 9
R034	Pop 8	R073	Ballad Rock	R112	piano 5	T427	Electric vibraphone 7	T491	slow violin 6	T555	Indian Flute 10
R035	Pop 9	R074	Folk Rock	R113	piano 6	T428	castanets 5	T492	soft sax 11	T556	Dulcimer 9
R036	Pop 10	R075	slow Rock 1	R114	piano 7	T429	synth Harpsi. 4	T493	chorus Guitar. 4	T557	soft clav. 8
R037	Pop 11	R076	slow Rock 2	R115	piano 8	T430	crystal 5	T494	Attack clav. 7	T558	viola Attack 5
R038	Pop 12	R077	slow Rock 3	R116	piano 9	T431	kawala 9	T495	Reed organ 2	T559	Attack Harp
R039	Pop 13	R078	slow Rock 4	R117	piano 10	T432	Dual Horns 8	T496	viola Attack 4	T560	Mute Barafon 17
			Rock&Roll 1			T433	clavi 8	T497	koto 7	T561	Tenor sax 8
			Rock&Roll 2			T434	Didgeridoo 10	T498	Tsugaru 8	T562	Twin Bones 7
						T435	kalimba 7	T499	Bag pipe 10	T563	chorus Guitar. 6
						T436	English Horn 9	T500	Attack clav. 8	T564	shantai 7
						T437	Guitar pinch 6	T501	Tron Flute 8	T565	kalimba 11
						T438	Hard vibe 8	T502	Marimba 8	T566	Jungle Bass 6
							Mute Barafon 13				
							Tenor sax 7				
							Bag pipe 8				

R697 Italian Mazurka2  
R698 Bohemian Waltz2  
R699 Samba3  
R700 Samba4  
R701 Jive3  
R702 Foxtrot3  
R703 Pasodoble2  
R704 Highland Waltz2  
R705 Schlager Polka2  
R706 Grupera2  
R707 Danzon2  
R708 Schlager Alp2  
R709 Saeidy2  
R710 Bhajan2  
R711 Hip Hop Groove2  
R712 Hip Shuffle2  
R713 Organ Groove2  
R714 Chart Pop3  
R715 Country Ballad3  
R716 Romantic Ballad2  
R717 Analog Ballad2  
R718 Electro Pop2  
R719 Blues Rock2  
R720 Rave2  
R721 US Chart Hit2  
R722 Alp Ballad3  
R723 8 Beat Modern2  
R724 Euro Hip Hop2  
R725 Disco Pop2  
R726 Disco Philly2  
R727 Mod Big BandShff12  
R728 Modern Big Band2  
R729 8 Beat Adria2  
R730 Disco Chocolate2  
R731 Euro Trance2  
R732 Euro Beat3  
R733 Techno4  
R734 Reggae3  
R735 Chillout Cafe2  
R736 Love Song2  
R737 French House2  
R738 Jazz Waltz4  
R739 Classic Piano2  
R740 Disco Party2  
R741 Club Dance2  
R742 Jazz Gtr Club2  
R743 Modern Jazz2  
R744 Polka Pop2  
R745 USA March2  
R746 Ober Polka2  
R747 Easy Listening2  
R748 Fast Band3  
R749 Fast Band4  
R750 Big Band Fast3  
R751 Orchestra Swing3  
R752 Orchestra Swing4  
R753 Finger Pickin2  
R754 Hully Gully2  
R755 Viennese Waltz2  
R756 Show Tune2  
R757 Rumba3  
R758 Schlager Rock4  
R759 Jazz Waltz Fast2  
R760 Country Ballad4  
R761 Dixieland2  
R762 French Jazz3

R763 Easy Country2  
R764 Country Hits2  
R765 Country 8 Beat2  
R766 Blue Grass4  
R767 Blue Grass5  
R768 Blue Grass6  
R769 Gospel Sisters2  
R770 Italian Waltz2  
R771 Limbo Rock2  
R772 Bluegrass2  
R773 Country Brothers2  
R774 Scand Country3  
R775 Scand Country4  
R776 Scand Shuffle2  
R777 70's Chart Cntry2  
R778 Pub Piano2  
R779 Polka3  
R780 Rock Cha Cha3  
R781 Schlager Rock3  
R782 Organ Samba2  
R783 Gay Gordons2  
R784 Swing Waltz2  
R785 Reel2  
R786 Movie Ballad2  
R787 Cool Pop2  
R788 Rock & Roll Shff13  
R789 Hard Rock3  
R790 Hard Rock4  
R791 Club Pop4  
R792 8 Beat Pop3  
R793 8 Beat Pop4  
R794 60's Rock 4  
R795 16 Beat Ballad4  
R796 Straight Rock2  
R797 Easy Ballad2  
R798 Pop Mambo2  
R799 BossaNova3  
R800 Forro2  
R801 Pop Classics2  
R802 Live 8 Beat2  
R803 Power Rock4  
R804 Acoustic Rock4  
R805 Cool 8 Beat3  
R806 Uptempo 8Beat2  
R807 90's Rock Ballad2  
R808 Chart Rock Shff13  
R809 Brit Pop3  
R810 Brazilian Samba2  
R811 Brit Pop Swing3  
R812 60's 8 Beat2  
R813 Fast Bossa3  
R814 60's Guitar Pop3  
R815 90's Soul2  
R816 Gujira3  
R817 Euro Hip Hop3  
R818 Disco Pop3  
R819 Disco Philly3  
R820 Mod Big BandShff13  
R821 Modern Big Band3  
R822 8 Beat Adria3  
R823 Disco Chocolate3  
R824 Euro Trance3  
R825 Love Song3  
R826 Disco Party3  
R827 Club Dance3  
R828 Modern Jazz3  
R829 Polka Pop3

R830 Fast Band5  
R831 Orchestra Swing5  
R832 Movie Ballad3  
R833 Rock & Roll Shff4  
R834 Hard Rock5  
R835 8 Beat Pop5  
R836 8 Beat Pop6  
R837 16 Beat Ballad5  
R838 Straight Rock3  
R839 Easy Ballad3  
R840 Forro3  
R841 Fusion6  
R842 Funk3  
R843 Viennese Waltz3  
R844 Show Tune3  
R845 Dixieland3  
R846 Big Band Shuffle7  
R847 Big Band Shuffle8  
R848 Big Band Shuffle9  
R849 Pop Waltz4  
R850 USA March3  
R851 Hully Gully3  
R852 Tarantella2  
R853 Limbo Rock3  
R854 Swing Waltz3  
R855 Pub Piano3  
R856 Jazz Waltz 5  
R857 Jazz Waltz 6  
R858 Show Tune4  
R859 Polka4  
R860 Ober Polka3  
R861 Party Polka2  
R862 Waltz3  
R863 Cha Cha3  
R864 Rumba4  
R865 Jive4  
R866 Pasodoble3  
R867 Samba5  
R868 Samba6  
R869 Schlager Rock5  
R870 Schlager Rock6  
R871 Foxtrot4  
R872 Viennese Waltz4  
R873 Tango8  
R874 Tango9  
R875 Country Ballad5  
R876 Country Two Step2  
R877 Country 8  
R878 Country 9  
R879 Finger Pickin3  
R880 Country Brothers3  
R881 New Country2  
R882 Easy Country3  
R883 70's Chart Cntry3  
R884 Hoedown2  
R885 Country Shuffle2  
R886 Schlager Polka3  
R887 Polka Pop4  
R888 Blue Grass 7  
R889 Blue Grass 8  
R890 Blue Grass 9  
R891 70's Disco Funk2  
R892 Disco Philly4  
R893 Disco House3  
R894 80's Disco2  
R895 Swing Fox2  
R896 Slow Fox2

## 7. Rhythm vol

After pressing the [Rhythm vol], you can use the [+/-] keys to increase/decrease the rhythm volume. The rhythm control has a total of 17 sections (0~16), The Rhythm volume keys can also control the volume of demo songs, chords and drums.

## 8. Tempo

After pressing the [Tempo], you can use [+/-] to increase/decrease the speed continuously. The speed control has a total of 270 segments (30~300).

## 9. Transpose

After pressing the [Transpose] button, you can use the [+/-] button to transpose. There are 25 segments (-12~12) for the transposition control, and the preset value is in the 13th segment after power-on. Hold [+/-] button for more than 1 second, can continuously increase/decrease the transposition. The chord pitch also changes with the transposition value.

## 10. Dual key

Press [Dual Key] button for the first time to activate the dual keyboard function, and press [Dual Key] button for the second time to cancel the dual keyboard function. When the dual keyboard function is activated, the scales of the left keys A1 ~ B4 will be played corresponding to the scales of A2~ B5, and the scales of the right keys C5 ~ C9 will be played corresponding to the scales of C4 ~ C8. You can use the [+/-] keys to select the main tone to replace the tone of the right key.

## 11. Key drum

Press [Key Drum] button for the first time to activate the keyboard drum function, and press [Key Drum] button for the second time to cancel the keyboard drum function. When the keyboard drum function is activated, the corresponding drum sound will be played when you play the key.

## 12. Lesson

Press [Lesson] button for the first time to enter the single-key mode, and press [Lesson] button for the second time to exit the single-key mode.

After entering the one-touch mode, use the current song to teach,

After the song is played, if the user presses the keys at will, it is the main melody. If the main melody does not reach the next bar, the background sound will repeat the bar until the song is played and stop after the song ends.

Press [Lesson] button for the third time to enter the ensemble mode, and press [Lesson] button for the fourth time to exit the ensemble mode.

After entering the ensemble mode, the current song is used for teaching. After the song is played, the user can play the keys at will and interrupt the main string rhythm. If not pressed the key again after 5 seconds, the main string rhythm will automatically resume playback. The background sound is played completely, and the teaching is repeated until the end of the song. After the song is over the ensemble will play a song.

Press [Lesson] button the fifth time to enter the follow-up mode, and press [Lesson] the sixth time to exit the follow-up mode.

After entering the follow-up mode, the current song is used for teaching. After the song is played, the main melody is not played, and the user must follow the notes displayed on the digital tube. Press the corresponding key to continue to play the next note, and the background sound will repeat that measure until the song ends.

Press the corresponding key to continue to play the next note, and the background sound will repeat that measure until the song ends.

In the teaching mode, [+/-] button automatically enters the song selection mode, and exits the teaching mode to return to the tone selection mode.

Pressing [Tone] button while playing the music will temporarily switch to the tone selection mode, and return to the song selection mode in 3 seconds

R310	Bhajan	R374	scand country1	R438	Hoedown
R311	Hip HoP Groove	R375	scand country2	R439	country shuffle
R312	chart Pop1	R376	scand shuffle	R440	waltz2
R313	organ Groove	R377	worship slow	R441	cha cha2
R314	chart Pop2	R378	Disco Teens	R442	Rumba2
R315	New R&B	R379	scand Bugg	R443	Jive2
R316	POP R&B	R380	Rock cha cha	R444	pasodoble
R317	chart R&B	R381	organ swing	R445	samba1
R318	Modern shuffle	R382	secret service	R446	samba2
R319	Blues Rock	R383	Animation Bld	R447	schlager Rock 1
R320	Dream Dance	R384	christmas waltz	R448	schlager Rock2
R321	Us chart Hit	R385	Movie swing	R449	Foxtrot2
R322	soul R&B	R386	Movie Ballad	R450	viennese waltz
R323	R&B Soul Ballad	R387	Bubblegum Pop	R451	Tango2
R324	Euro Hip HoP	R388	Rock & Roll shfl2	R452	Tango3
R325	Trip HoP	R389	west coast Pop	R453	German waltz
R326	ibiza 2004	R390	classic 16 Beat	R454	carnival
R327	Mod Big Band shfl	R391	Jazz POP	R455	organ samba
R328	Modern Big Band	R392	kool shuffle	R456	Reel
R329	Pop Gtr Ballad	R393	8 Beat Ballad2	R457	Gay Gordons
R330	ibiza 2002	R394	chillout	R458	scand waltz
R331	Euro Trance	R395	1 6 Beat Ballad1	R459	60's Rock style
R332	6-8 Trance	R396	Epic Ballad	R460	standard Rock
R333	Latin DJ'S	R397	Easy Ballad	R461	Brit Rock Pop
R334	Bomba	R398	cuban son	R462	60'S Vintage Rock
R335	chillout cafe	R399	Bachata2	R463	chart Rock shfl
R336	70's Glam piano	R400	Forro	R464	60's Pop Rock
R337	French House	R401	70's chart Ballad	R465	Rock Billy
R338	English waltz	R402	Romantic Ballad	R466	Rock Boogie
R339	8 Beat Ballad1	R403	90's cool Ballad	R467	Latin cha cha
R340	club House	R404	Alp Ballad1	R468	Rock classical
R341	House2	R405	Alp Ballad2	R469	Rock shuffle
R342	Jazz Gtr club	R406	E_Ballad	R470	Rock Pop
R343	Modern Jazz	R407	unplugged 9	R471	Rock'n Roll 1
R344	Acoustic Jazz	R408	Pop Ballad	R472	Rock'n Roll 2
R345	cool Jazz Ballad	R409	Pop New Age	R473	straight Rock
R346	Modern Jazz Bld	R410	8 Beat Modern	R474	Jazz Rock2
R347	Easy Listening	R411	country Ballad1	R475	Fast Gospel
R348	Bebop	R412	Love song	R476	Folk Rock2
R349	orch Big Band1	R413	Modern country Pop	R477	skiffle
R350	Big Band Fast1	R414	Electro Pop	R478	Funk Pop Rock
R351	orchestra swing1	R415	Acoustic Ballad 2	R479	contemp Rock
R352	orc hestra swing2	R416	piano Ballad 1	R480	Acoustic Rock
R353	70'S Ranking country	R417	R&B Ballad	R481	50's Pop2
R354	Jazz waltz Med	R418	Rock Ballad	R482	cool Pop
R355	Mariachi waltz	R419	slow & Easy	R483	Groovy Pop
R356	US March	R420	US March	R484	60'S Vintage Pop
R357	Guitar Rumba	R421	slow Rock 5	R485	80'S Pop2
R358	slow Blues	R422	slow Rock 6	R486	Rap Pop
R359	Jazz waltz Fast	R423	slow Rock 7	R487	Pop Rock 3
R360	70's country Pop	R424	slow soul	R488	60'S Soul
R361	Dixieland	R425	8 Beat Adria	R489	70's soul
R362	40's Big Band	R426	classic piano	R490	Funk
R363	Easy country	R427	80's EP Ballad	R491	16 Beat shuffle
R364	country Hits	R428	80's BoY Band	R492	Twist2
R365	country 8 Beat	R429	country Ballad2	R493	British Pop 4
R366	sci-fi March	R430	country Two step	R494	British Pop 5
R367	Tap Dance swing	R431	country 6	R495	Hard Rock1
R368	orchestral Bolero	R432	country 7	R496	Hard Rock2
R369	Gospel sisters	R433	Finger pickin	R497	Fusion2
R370	Italian waltz	R434	country Brothers	R498	Fusion3
R371	6-8 March	R435	New country	R499	Funk shuffl 1
R372	Bluegrass	R436	Brisk country	R500	Funk shuffl 2
R373	Mod cntry Bld1	R437	70'S Chart cntry	R501	Fusion shuffl 1

## Appendix 1 (Voice Comparison Table)

T001	Acoustic Grandpiano	T057	Trumpet	T119	synth Drum
T002	BrightAcousticpiano	T058	Trombone	T120	Reverse cymbal
T003	Electric Grand piano	T059	Tuba	T121	Guitar Fret Noise
T004	Honky-tonkpiano	T060	Muted Trumpet	T122	Breath Noise
T005	Rhodes piano	T061	French Horn	T123	seashore
T006	chorused piano	T062	Brass section	T124	Bird Tweet
T007	Harpsichord	T063	synth Brass 1	T125	Telephone Ring
T008	clavichord	T064	synth Brass 2	T126	Helicopter
T009	celesta	T065	soprano sax	T127	Applause
T010	Glockenspiel	T066	Alto sax	T128	Gunshot
T011	Music box	T067	Tenorsax	T129	yong Gin
T012	vibraphone	T068	Baritone sax	T130	zheng
T013	Marimba	T069	oboe	T131	zhong Ruan
T014	xylophone	T070	English Horn	T132	pi pa
T015	Tubular Bell	T071	Bassoon	T133	Big souna
T016	Dulcimer	T072	Clarinet	T134	souna
T017	Drawbar organ	T073	piccolo	T135	Er Hu
T018	percussive organ	T074	Flute	T136	yue Hu
T019	Rockorgan	T075	Recorder	T137	Di zi
T020	churchorgan	T076	pan Flute	T138	Bong Di
T021	Reedorgan	T077	Botte Blow	T139	koto 2
T022	Accordion	TO 78	sha ku hachi	T140	Qu Di
T023	Harmonica	TO 79	Whistle	T141	Jungle Bass
T024	Tango Accordion	T080	Ocarina	T142	koto 3
T025	Acoustic Guitar(nylon)	T081	Lead 1 (square)	T143	Marimba 2
T026	Acoustic Guitar(steel)	TO 82	ead 2 (saw tooth )	T144	Tsugaru
T027	Electric Guitar(jazz)	TO 83	Lead 3 (ca ribbe lead)	T145	kawala
T028	Electric Guitar(clean)	TO 84	Lead4 (chiff lead)	T146	Attack clav.
T029	Electric Guitar(muted)	TO 85	Lead 5 (charang)	T147	crystal
T030	overdriven Guitar	TO 86	lead 6 tvoice	T148	Bright string
T031	Distortion Guitar	T 87	ead 7 (ffths+iead)	T149	clavi 2
T032	Guitar Harmonics	TO 88	lead 8 (bass+iead)	T150	chorus Guitar.
T033	Acoustic Bass	TO 89	pad 1 (new age)	T151	Barafon
T034	Electric Bass(finger)	TO 90	pad 2 (warm)	T152	Jazz organ
T035	Electric Bass(pick)	TO 91	Pad 3 (po ysynth)	T153	Indian Flute
T036	Fretless Bass	Tog2	pad 4 (choir)	T154	Mute Barafon
T037	slap Bass1	T093	pad 5 (bowed)	T155	Dual Horns
T038	slap Bass2	TO 94	pad 6 (me.tallc)	T156	Electoric Giutar (clean)2
T039	synth Bass1	T 95	pad 7 (hao)	T157	clavi 3
T040	synth Bass2	TO 96	pad 8 (sweep)	T158	soft sax
T041	violin	TO 97	FX 1 (rain)	T159	Electric vipraphone
T042	viola	TO 98	FX 2 (soundtrack)	T160	Didgeridoo
T043	cello	T099	FX3 (crystal)	T161	Barafon 2
T044	contrabass	T100	FX4 (atmosphere)	T162	Tubular Bells 2
T045	Tremolostrings	T101	FX 5 (brightness)	T163	synf Accord
T055	synth voice	T102	FX 6 (goblins)	T164	Barafon 3
T056	orchestra Hit	T103	FX 7 (echoes)	T165	clavi 4
		T104	FX 8 (scifi)	T166	Nay
		T105	sitar	T167	oct Harp
		T106	Banjo	T168	Attack Barafon
		T107	shamisen	T169	clavi 5
		T108	koto	T170	kalimba 2
		T109	kalimba	T171	Tsugaru 2
		T110	Bagpipe	T172	shamisen 2
		T111	Fiddle	T173	woodblock 2
		T112	shantai	T174	crystal 2
		T113	Tinkle Bell	T175	shamisen 3
		T1 1 4	Agogo	T176	synth Harpsi.
		T 1 5	Stee iDrums	T177	Jazz organ 2
		T116	Woodblock	T178	viola Attack
		T117	Taiko Drum	T179	viola Attack 2
		T118	Melodic Tom	T180	Hard Barsoon
				T181	Mute Barafon 2
				T182	Bodhran



R897	organ cha cha2	R923	chart Rock shfl4	R949	French Jazz4
R898	organ Quick step2	R924	Brit Pop4	R950	Jump Jive2
R899	cat Groove3	R925	Brazilian samba3	R951	Mod Big Band shf14
R900	Dixie Jazz2	R926	Brit Pop swing4	R952	Modern Big Band4
R901	Medium Jazz2	R927	60'S 8 Beat3	R953	Pop Gtr Ballad2
R902	Jazz Big Band2	R928	Fast Bossa4	R954	Ibiza 2002_2
R903	Jazz club2	R929	60'S Guitar Pop4	R955	Euro Trance4
R904	Ragtime3	R930	70'S 8 Beat2	R956	6-8 Trance2
R905	Big Band shuffle 10	R931	90's Guitar Pop2	R957	Latin DJ's2
R906	Big Band shuffle 11	R932	soft Rock3	R958	Bomba2
R907	Big Band shuffle 12	R933	chart Guita rpop2	R959	chillout cafe3
R908	Fast Band 6	R934	Guijira4	R960	70's Glam piano2
R909	Fast Band 7	R935	Easy Listening3	R961	French House3
R910	German waltz2	R936	Bebop2	R962	English waltz2
R911	carnival3	R937	Orch Big Band3	R963	8 Beat Ballad3
R912	organ samba3	R938	Big Band Fast4	R964	club House2
R913	Reel3	R939	orchestra swing6	R965	House3
R914	Gay Gordons3	R940	orchestra swing7	R966	Jazz Gtr club3
R915	scand waltz2	R941	Rock cha cha4	R967	Modern Jazz4
R916	pop classics3	R942	organ swing2	R968	Acoustic Jazz2
R917	Live 8 Beat3	R943	secret service2	R969	cool Jazz Ballad2
R918	power Rock5	R944	Animation Bld2	R970	Modern Jazz Bld2
R919	Acoustic Rock5	R945	christmas waltz2	R971	Modern Pop Bld2
R920	cool 8 Beat4	R946	Frankly soul2	R972	soul R&B2
R921	uptempo 8Beat3	R947	Jazz Funk2		
R922	90's Rock Ballad3	R948	classic Big Band2		

### Appendix 3 (Demonstration Song Comparison Table)

S001	ChopinFantasielmpromptu	S027	SchumannFrohlicherLandmann
S002	ChopinNoctume	S028	SchumannSicilienne
S003	ChopinPetitChien	S029	RichardBalladePourAdeline
S004	ChopinChansonDeL'adieu	S030	RichardPingPongSousLesArbres
S005	ChopinNocturne	S031	RichardACommeAmour
S006	ChopinBlackkeys	S032	Richard MariageD'amour
S007	Chopin-Valseop.64no.2	S033	Mendelssohn Jagerliedop.19b-3
S008	Beethoven-PianoSonateop.13"Pathetique"2nd mov	S034	MendelssohnFrühlingslied
S009	BeethovenForElise	S035	HaydnLittleSerenade
S010	BeethovenMondscheinSonate	S036	PachelbelCanonInD
S011	BeethovenMinuetInG	S037	BadarzewskaMaiden'sPrayer
S012	BeethovenMarciaAllaTurca	S038	LisztLiebestraume
S013	Beethovenpianosonataop.49-21stmov	S039	Tchaikovsky-Dansedesmirlitons
S014	BeethovenEcosaise	S040	OestenDolly'sDreamingAwakening
S015	MozartTwinkleTwinkleLittleStar	S041	DvorakHumoresque
S016	MozartTurkishMarch	S042	Joplin TheEntertainer
S017	MozartSonate	S043	DebussyLaFilleauxCheveuxdeLin
S018	MozartMenuett	S044	DebussyAeabesque
S019	BachWaltzInAMino	S045	DubessyClairDelune
S020	BachMenuett	S046	L-C.DaquinLeCoucou
S021	BachTheWell-TemperedClavier	S047	KarlBohmTheFountain
S022	BachBourree	S048	BurgmüllerPastorale
S023	BachInvention	S049	KorsakovBumblebee
S024	SchubertMilitaryMarches	S050	Haydn-Sunrise
S025	SchubertMonentsMusicaux	S051	Czerny599No.001
S026	SchumannTraumerei	S052	Czerny599No.002
		S053	Czerny599No.003