



## **KB12P Elect.Keyboard Pro 61key Midi**

Ref. nr.: 130.107



# **INSTRUCTION MANUAL**

V1.3

**Congratulations** to the purchase of this Max Music product. Please read this manual thoroughly prior to using the product in order to benefit fully from all features.

Read the manual prior to using the product. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the product, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the product. This may cause electrical shock and malfunction.
- Do not place the product near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The product is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the product from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the product is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the product on. Contact your dealer. Do NOT connect the product to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the product to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the product to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the product will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the product has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the product in humid rooms or outdoors.
- During operation, the housing may become hot.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Do not repeatedly switch the product on and off. This shortens the life time.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Only operate the product with clean hands.
- Do not force the controls.
- If the product has fallen, always have it checked by a qualified technician before you switch the product on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the product with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the product off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the product.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this product.
- Keep the original packing material so that you can transport the product in safe conditions



This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.



This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

The product has been certified CE. It is prohibited to make any changes to the product. They would invalidate the CE certificate and their guarantee!

**NOTE:** To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.



Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

*Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the product. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Max cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.*

# UNPACKING INSTRUCTION

**CAUTION!** Immediately upon receiving the product, carefully unpack the carton, check the contents to ensure that all parts are present and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the package itself shows signs of mishandling. Save the package and all packing materials. If the product must be returned to the factory, it is important that the product is returned in the original factory box and packing.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Supplied contents:

- MAX Music KB12P keyboard
- Power supply
- Music sheet stand

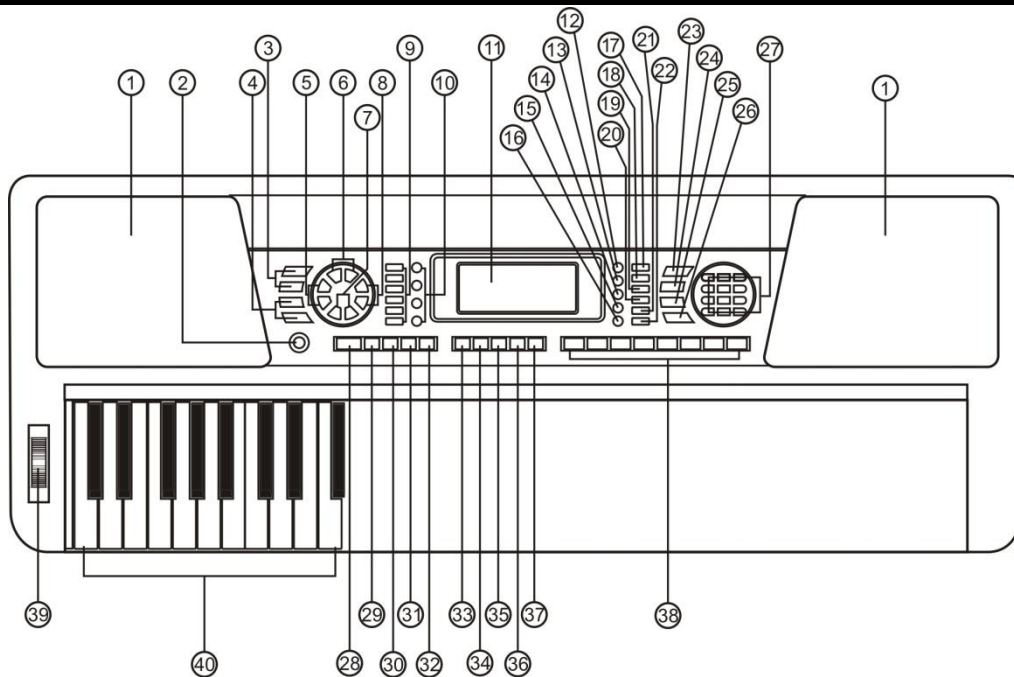
## POWERSUPPLY

The label on the bottom of the product indicates to what type of power supply the product must be connected. Check that the mains voltage corresponds to this, all other voltages may cause irreparable damage. The product must also be directly connected to the mains, no dimmer or adjustable power supply.



Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

## CONTROLS



- 1. SPEAKERS**  
Loudspeakers to reproduce the sound of the music played. Sound level is determined on the basis of the volume setting.
- 2. POWER ON/OFF**  
Switch to turn the keyboard on or off.
- 3. MASTER VOLUME**  
Press [MASTER VOL +] or [MASTER VOL -] to raise or lower the master volume. Press both simultaneously to reset to default value.
- 4. RHYTHM VOLUME**  
Press [RHYTHM +] or [RHYTHM VOL -] to raise or lower the rhythm volume. Press both simultaneously to reset to default value.
- 5. VIBRATO**  
Press the [VIBRATO ▲] or [VIBRATO ▼] buttons to set vibrato level from “001” to “008”. Press the two buttons simultaneously to reset to the default value.
- 6. TEMPO**  
Press the [TEMPO ▲] or [TEMPO ▼] buttons adjust the tempo. Press the two buttons simultaneously to reset to the default value.

## 7. CHORD VOLUME

Press the [CHORD VOL▲] or [CHORD VOL▼] buttons adjust the chord volume. Press the two buttons simultaneously to reset to the default value.

## 8. TRANSPOSE

Press [TRANSPOSE ▲] or [TRANSPOSE ▼] to transpose the tone of the notes. The transpose may be adjusted from “-6” to “+6”. Pressing the two buttons simultaneously resets transpose to the default value.

## 9. CHORD MAT

You can add decoration to your performance by pressing any of these buttons to punch in special sounds.

## 10. MEMORY

With the status memory function, you can save tone, rhythm, tempo and other parameters for fast shifting during playing. This keyboard is equipped with 3 saving slots, which can be called at any time during playing. Set tone, rhythm, tempo and chord as required and press the [MEMORY] button. Select [MEMORY 1] to [MEMORY 3] to save the current status.

## 11. LCD DISPLAY

Displays current mode, notes to play, rhythm, tempo, etc.

## 12. DEMO SONG

This keyboard has 65 stored demo songs (“000” to “064”) for your selection. Press [DEMO SONG] and the demo songs will start to play in sequence. During playing process, press [DEMO SONG] to play the next demonstration song. Press [START/STOP] to stop playing. During the playing process, you can also press the num pad buttons or the “+”/“-” buttons to select other demonstration songs. The selected demonstration song will then play repeatedly.

## 13. ONE-KEY TRAINING

Press [ONE KEY] to enable the single key training function. Press “+”/“-” button to select the song to be learned. One key training aims at duration learning, and there is no requirement on pitch or creativeness. This mode allows for mistakes when playing the keys, but the keyboard still plays correct notes and the display will show the correct notes. After one song is finished, repeat the current song to be learned. Press the [ONE KEY] button to disenable the training function.

## 14. GUIDE

Press [GUIDE] to enable the ensemble function. Press “+”/“-” button to select the song to be learned. The Ensemble training aims at the correct and comprehensive learning of the song duration and notes. The keynote will be shielded for ensemble and you need to play the correct note according to the correct duration of the song. If you fail to play within 5 seconds, the keyboard will automatically play the correct note. After one song is finished, repeat the current song to be learned. Press [ENSEMBLE] to disenable the training function.

## 15. RECORD

Press [REC] to enable the recording function. In this mode all played notes will be recorded. When storage is full, “FULL” will appear on the display and recording will stop automatically. Press [PLAY] to playback the recorded notes. You can record a new rhythm, or you can press [PLAY] to playback the recorded rhythm again.

## 16. PLAY

Press to start/resume play.

## 17. TOUCH

This keyboard has a touch-sensitivity-function, which is activated by default. This functions allows the musician to produce sounds of varying volume by using different intensity when pressing the keys to play notes. Press [TOUCH] to turn off this function, “Touch off” will appear on the LCD screen. Press [TOUCH] again to turn the function back on, “Touch on” will appear on the LCD screen.

## 18. DUAL

Press [DUAL] to initiate the double timbre function, with “Double On” appearing on the LCD screen. Default setting is the combination of “000” (piano timbre) and “048” (string ensemble 1). To compose your own timbre: first press [TIMBRE 1], then choose a type of timbre on the numeric penal. Press [TIMBRE 2] first, then choose a type of timbre on the numeric penal to set the next. The timbre of the notes is the combination of the two chosen types. Press [DUAL] button again to turn the double timbre function off, “Double Off” will appear on the LCD screen.

## 19. SUSTAIN

Press [SUSTAIN] and the sustain effect will be activated. Press this button again and the sustain effect will be disenabled.

## 20. PERCUSSION

This Keyboard provides 61 kinds of **keyboard** percussions. Press [KEYBOARD PERCUSSION] to turn the keyboard into percussion keyboard, and each key corresponds to one percussion instrument. Press this button again to disenable the keyboard percussion function.

The instrument also features 8 panel percussions. Press the panel percussion buttons according to underlying pictures to add the desired percussions during regular keyboard playing.

## 21. SPLIT

Press [SPLIT] to enable the keyboard splitting function. 24 keys on the left of the keyboard will split with the remaining keyboard. While the left keyboard zone will increase by one octave and maintain the original tone, the right keyboard zone will decrease by one octave to maintain the same pitch with the left keyboard zone. The tone of the right keyboard zone can be set as needed so different tones can be played by the left and right keyboard zones at the same time.

Press [SPLIT] again to disenable this function.

## 22. MIDI

Press to toggle to MIDI (Musical Instrument Digital Interface) functionality. Use the MIDI OUT (41) jack to connect the keyboard to a computer.

## 23. TIMBRE 1

Call for a chosen timbre, saved as “Timbre 1”.

## 24. TIMBRE 2

Call for a chosen timbre, saved as “Timbre 2”.

## 25. RHYTHM

Rhythm selection:

This Keyboard provides 128 rhythms ("000" to "127") for your selection. The rhythm is defaulted to be "000". Press [RHYTHM] to initiate the rhythm selection function. Press the numeric keys or the "+" / "-" buttons to select other rhythms.

Rhythm enabling:

Press [START/STOP] to start the accompaniment rhythm. While in enable state: Press [SYNC], "SYNC" will show on the display. Play any key in the chord key zone (1st-19th key from left). The accompaniment rhythm will be activated. Press [START/STOP] to stop the accompaniment rhythm.

Interlude:

After the accompaniment rhythm is activated, press [FILL-IN] to have a temporary rhythm play during the accompaniment rhythm.

## 26. RHYTHM SHIFT

During the Rhythm playback, press the [RHYTHM SHIFT] button to add variations to your performance. Press the [RHYTHM SHIFT] button again to return to the main rhythm.

## 27. NUM PAD

Numeric keys to enter an exact value.

## 28. START/STOP

Press to start or stop playing selected program.

## 29. SYNC

When in rhythm mode, press [SYNC]. "SYNC" will show on the display. Play any key in the chord key zone (the 1st-19th key, from left) to activate the accompaniment rhythm.

## 30. FILL-IN

Press the [FILL-IN] button to add an interlude to the rhythm. The fill played is determined by accompaniment rhythm selected. After the fill, the selected accompaniment rhythm will continue playing. The Fill In function can be used as often as desired.

## 31. INTRO / ENDING

Press to start an intro playback. When the intro section is finished, the playback will be shifted to the main section automatically. Press during the rhythm playback to skip to the ending section. The rhythm will then be automatically stopped after the ending section.

## 32. METRONOME


















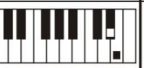




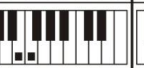

























There are 4 kinds of metronomes stored on the keyboard: 1/4 beat, 2/4 beat, 3/4 beat and 4/4 beat. You can adjust the tempo to your desired value by continuously pressing the [METRONOME] button. For example, press the button once to stay at 1/4 beat and cancel the rhythm by pressing it again. By this analogy, the 2/4, 3/4 and 4/4 beats will need 3, 5 and 7 taps respectively. Once the tempo is selected, the pendulum of the metronome on the LCD screen will start swinging and the beats will start blinking.

## 33. CHORD TIMBRE

The instrument features 5 different chord timbres. Press the [CHORD TIMBRE] button successively to change the timbres.

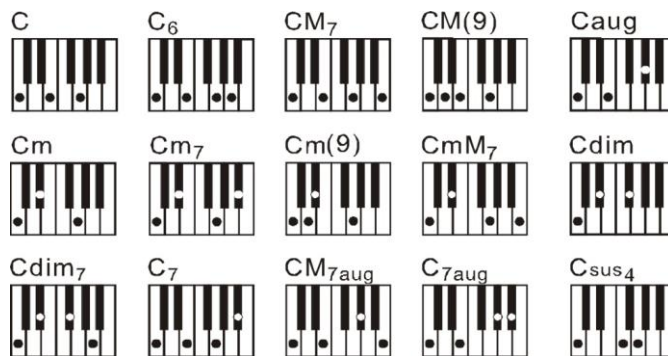
## 34. SINGLE CHORD

Under the state that the rhythm is activated, press [SINGLE]. You can now play a single chord on the keys in the chord zone of the keyboard.

	M	m	7	m7
C				
C#				
D				
D#				
E				
F				
F#				
G				
G#				
A				
A#				
B				

### 35. FINGERED CHORD

In this mode, you play the individual notes of the chord in your left hand. Under the state that the rhythm is activated, press [FINGERED]. You can now play a fingered chord on the keys in the chord zone of the keyboard.



### 36. PROGRAM

Press [PROG] to enable the rhythm programming function, "PROG" will show on the display and the keyboard percussion function will be activated. 32 Percussions can be programmed at maximum. Press [PLAY] to playback the programming rhythm. Press [START/STOP] or press [PROG] again to disenable the programming function. All recorded rhythms will be removed.

### 37. NULL PLAY

Press to play back the programmed rhythm repeatedly. You can then add up an accompaniment chord to the rhythm. Press again to stop playing.

### 38. PANEL PERCUSSION

The instrument also features 8 panel percussions. Press the panel percussion buttons according to underlying pictures to add the desired percussions during regular keyboard playing.

### 39. PITCH BEND

Wheel to determine the pitch bend. Turn the wheel forwards to increase the depth of the effect, turn the wheel backwards to decrease the depth of the effect.

### 40. CHORD SECTION

Chord key zone (1st-19th key from left).

## CONNECTIONS

### 41. USB MIDI OUT

MIDI (Musical Instrument Digital Interface) is a standardized specification for music synthesizers that respond to MIDI messages. You can connect the instrument to a computer via the [USB-MIDI] USB slot and upload your performance to the computer to add up further recording, composing or re-editing.

### 42. AUDIO OUTPUT

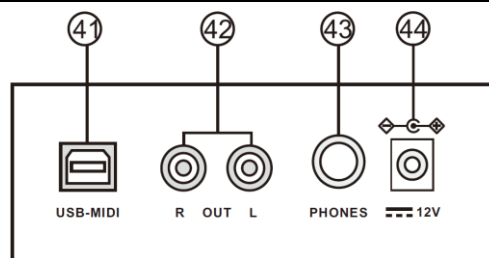
You can use the built-in speakers or connect the instrument to the external amplifiers or stereos. When connecting, turn off the switches of both sides and plug the right end of audio cable into either side of [OUT L / R] terminals on rear-panel and the other end to external device.

### 43. HEADPHONES/OUTPUT

When connecting headphones to the PHONES/OUTPUT port, the loudspeaker will be disenabled automatically. You can perform without disturbing others and others disturbing you.

### 44. DC 12V INPUT

Socket for plugging in the supplied power adapter.



## AUTO RHYTHM

### Rhythm selection

This Keyboard provides 128 rhythms ("000" to "127") for your selection. The rhythm is defaulted to be "000". Press [RHYTHM] to initiate the rhythm selection function. Press the numeric keys or the "+" / "-" buttons to select other rhythms.

### Rhythm control

#### 1. Rhythm enabling

Press [START/STOP] to start the accompaniment rhythm. While in enable state: Press [SYNC], "SYNC" will show on the display. Play any key in the chord key zone (1st-19th key from left). The accompaniment rhythm will be activated.

#### 2. Interlude

After the accompaniment rhythm is activated, press [FILL-IN] to have a temporary rhythm play during the accompaniment rhythm.

#### 3. Stop rhythm

Press [START/STOP] to stop the accompaniment rhythm.

### Tempo adjustment

Press the [TEMPO▲] or [TEMPO▼] buttons adjust the tempo. Press the two buttons simultaneously to reset to the default value.

## EFFECT CONTROL

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### Sustain function

Press [SUSTAIN] and the sustain effect will be activated. Press this button again and the sustain effect will be disenabled.

### Vibrato function

Press the [VIBRATO] and the vibrato effect will be activated. Press this button again and the vibrato effect will be disenabled.

## RECORDING AND RHYTHM PROGRAMMING

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### Recording

Press [REC] to enable the recording function. In this mode all played notes will be recorded. When storage is full, "FULL" will appear on the display and recording will stop automatically. Press [PLAY] to playback the recorded notes. You can record a new rhythm, or you can press [PLAY] to playback the recorded rhythm again.

### Rhythm programming

Press [PROG] to enable the rhythm programming function, "PROG" will show on the display and the keyboard percussion function will be activated. 32 Percussions can be programmed at maximum. Press [PLAY] to playback the programming rhythm. Press [START/STOP] or press [PROG] again to disenable the programming function. All recorded rhythms will be removed.

## TRAINING METHODS

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### Training I: One key

Press [ONE KEY] to enable the single key training function. Press "+"/="-" button to select the song to be learned. One key training aims at duration learning, and there is no requirement on pitch or creativeness. This mode allows for mistakes when playing the keys, but the keyboard still plays correct notes and the display will show the correct notes. After one song is finished, repeat the current song to be learned. Press [START/STOP] or press the [ONE KEY] button to disenable the training function.

### Training II: Follow

Press [FOLLOW] to enable the follow function. Press "+"/="-" button to select the song to be learned. With Follow training, you can learn by following the correct playing notes. The program will wait for you to play the correct note before it moves to the next one. Notes: In this mode, the Keyboard plays only the correct notes and gives no response to the wrong notes. Press [START/STOP] or press [FOLLOW] to disenable the training function.

### Training III: Ensemble

Press [ENSEMBLE] to enable the ensemble function. Press "+"/="-" button to select the song to be learned. The Ensemble training aims at the correct and comprehensive learning of the song duration and notes. The keynote will be shielded for ensemble and you need to play the correct note according to the correct duration of the song. If you fail to play within 3 seconds, the keyboard will automatically play the correct note. After one song is finished, repeat the current song to be learned. Press the [START/STOP] button or press [ENSEMBLE] to disenable the training function.

## RECOMMENDED TRAINING APPS / GAMES

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MAX highly recommends the below apps to support you on your journey of piano exploration. It has never been this easy to dip your toes in the deep and majestic waters of playing the piano. Train yourself from novice to king of the keys with help from **PIANO DUST BUSTER**, **PIANO MAESTRO** and **SIMPLY PIANO**.

Please note: downloading the below apps is free of charge. Expanding the apps with more training, songs and other additives might involve costs.



### PIANO DUST BUSTER

**PIANO DUST BUSTER** is the ultimate introduction to piano for kids. No previous piano experience needed!



### PIANO MAESTRO

An in depth educational tool to study piano. From a single note to complete pieces, **PIANO MAESTRO** makes sheet music come to life!



### SIMPLY PIANO

Explore the piano step-by-step, from scratch. **SIMPLY PIANO** will help you learn the basics from sight-reading to playing with both hands.

## PIANO DUST BUSTER

Help granny dusting off her piano while collecting points and bonuses. Piano Dust Buster is a great tool to get excited about playing your piano and improving your skills. Piano Dust Buster is an ultimate introduction to piano, no previous piano experience needed. You have the option to begin practicing reading notation, compete against other players or challenge yourself to hundreds of songs ranging from Beethoven to Adele. (\*IOS compatible only!)



## PIANO MAESTRO

#1 ranked Education App. An in depth educational tool for beginning to study piano. PIANO MAESTRO helps practicing and learning sight reading, rhythm, technique, playing with both hands and much more!

### In addition you will

Progress up in chapters, unlock new songs and raise the difficulty level along the way. Learn to play songs step by step and have access to practice options. You're able to personalize your learning experience.

### Piano Method Books Included

Learn songs from some of the most well-known and beloved piano method books used today. A digital way to compliment the use of your favorite method book, all books can be found in the Library in the 'Methods' section. (\*IOS-IPAD compatible only!)





## **SIMPLY PIANO (IOS and ANDROID COMPATIBLE)**

Whether you're a complete beginner or want to learn piano on your own, SIMPLY PIANO will guide you to become the piano player you always wanted to be. Just place your IOS or Android device on your piano and play. Your device will immediately recognize what you are playing!

- Learn the piano basics from sight-reading to playing with both hands
- Tons of fun songs ranging from classical to top-charting hits
- Listens to how you play, giving you instant feedback to quickly learn and improve your skills
- Courses for different tastes and levels including pop chords, essentials, blues and more

(\* Compatible with both IOS and ANDROID devices)



# APPENDIX I. TIMBRE TABLE

000	Acoustic Grand Piano	067	Baritone Sax	134	DaSuoNa
001	Bright Acoustic Piano	068	Oboe	135	Gaohu
002	Electric Grand Piano	069	English Horn	136	Rock Grand Piano
003	Honky-tonk Piano	070	Bassoon	137	Electronic organ
004	Rhodes Piano	071	Clarinet	138	Psychedelic electronic
005	Chorused Piano	072	Piccolo	139	Water jean
006	Harpsichord	073	Flute	140	Bright Guitar
007	Clavichord	074	Recorder	141	Orchestra piccolo
008	Celesta	075	Pan Flute	142	Heavy metal guitar
009	Glockenspiel	076	Bottle Blow	143	Crystal guitar
010	Music box	077	Shakuhachi	144	Queer electric Piano
011	Vibraphone	078	Whistle	145	Bright bass
012	Marimba	079	Ocarina	146	Rock Electric Bass
013	Xylophone	080	Lead 1 (square)	147	Psychedelic Bass
014	Tubular Bells	081	Lead 2 (sawtooth)	148	Rhythm Electric Bass
015	Dulcimer	082	Lead 3 (caliope lead)	149	Heavy metal bass
016	Hammond Organ	083	Lead 4 (chiff lead)	150	Magic electronic
017	Percussive Organ	084	Lead 5 (charang)	151	Bright violin
018	Rock Organ	085	Lead 6 (voice)	152	Atonic violin
019	Church Organ	086	Lead 7 (fifths)	153	Heavy bass orchestra
020	Reed Organ	087	Lead 8 (bass+lead)	154	Synth clarinet
021	Accordion	088	Pad 1 (new age)	155	Interactive Lead
022	Harmonica	089	Pad 2 (warm)	156	orchestral keyboard
023	Tango Accordion	090	Pad 3 (polysynth)	157	Bagpipes
024	Acoustic Guitar (nylon)	091	Pad 4 (choir)	158	Synth Banjo
025	Acoustic Guitar (steel)	092	Pad 5 (bowed)	159	Japan Synth
026	Electric Guitar (jazz)	093	Pad 6 (metallic)	160	Church Piano
027	Electric Guitar (clean)	094	Pad 7 (halo)	161	Church electric Piano
028	Electric Guitar (muted)	095	Pad 8 (sweep)	162	Synth Piano
029	Overdriven Guitar	096	FX 1 (rain)	163	Baritone Piano
030	Distortion Guitar	097	FX 2 (soundtrack)	164	Piano PAD
031	Guitar Harmonics	098	FX 3 (crystal)	165	String Piano
032	Acoustic Bass	099	FX 4 (atmosphere)	166	Metal Piano
033	Electric Bass(finger)	100	FX 5 (brightness)	167	Light rhythm Piano
034	Electric Bass (pick)	101	FX 6 (goblins)	168	electric Piano Pad
035	Fretless Bass	102	FX 7 (echoes)	169	Classical piano
036	Slap Bass 1	103	FX 8 (sci-fi)	170	Organ Guitar
037	Slap Bass 2	104	Sitar	171	Electric Guitar
038	Synth Bass 1	105	Banjo	172	Synthesis Nylon Guitar
039	Synth Bass 2	106	Shamisen	173	Synth Electronic Guitar
040	Violin	107	Koto	174	Bright Clean Guitar
041	Viola	108	Kalimba	175	Orchestra Guitar
042	Cello	109	Bagpipe	176	Psychedelic Guitar
043	Contrabass	110	Fiddle	177	Bright organ
044	Tremolo Strings	111	Shanai	178	Pick organ
045	Pizzicato Strings	112	Tinkle Bell	179	Synth accordion
046	Orchestral Harp	113	Agogo	180	Bright Violin
047	Timpani	114	Steel Drums	181	Stringed violin
048	String Ensemble 1	115	Woodblock	182	Trill violin
049	String Ensemble 2	116	Taiko Drum	183	Electronic violin
050	Synth Strings 1	117	Melodic Tom	184	Large violin
051	Synth Strings 2	118	Synth Drum	185	rhythm Orchestra
052	Choir Aahs	119	Reverse Cymbal	186	Pizzicato Violin
053	Voice Oohs	120	Guitar Fret Noise	187	Pizzicato Ensemble 1
054	Synth Voice	121	Breath Noise	188	Pizzicato Ensemble 2
055	Orchestra Hit	122	Seashore	189	Percussion band
056	Trumpet	123	Bird Tweet	190	BaritoneSynthContrabass
057	Trombone	124	Telephone Ring	191	Bass Flute
058	Tuba	125	Helicopter	192	Distortion Contrabass
059	Muted Trumpet	126	Applause	193	Contrabass Lead
060	French Horn	127	Gunshot	194	Violin Lead
061	Brass Section	128	Suona	195	Cello Lead
062	Synth Brass 1	129	Pipa	196	Pizzicato rhythm
063	Synth Brass 2	130	Sanxian	197	high harp
064	Soprano Sax	131	Bandi	198	Harp ensemble
065	Alto Sax	132	Erhu	199	Synth Harp
066	Tenor Sax	133	Guzheng	200	Baritone Trumpet

201	Trumpet ensemble
202	rhythm Trumpet
203	high Trumpet
204	Synth Trumpet
205	Bass Trombone
206	Trombone ensemble
207	rhythm Trombone
208	high Trombone
209	baritone Trombone
210	Synth Trombone
211	Violin French Horn
212	French Horn ensemble
213	Electronic French Horn
214	Synth French Horn
215	Psychedelic Synth Brass
216	Distortion Synth Brass
217	Vibraphone Synth Brass
218	Rock Synth Brass
219	Synth Muted Trumpet
220	Soprano Sax ensemble
221	Hit Soprano Sax
222	Synth Soprano Sax
223	National Sax
224	Metal Sax
225	Baritone Sax ensemble
226	Crystal Sax
227	Soft Baritone Sax
228	Synth Baritone Sax
229	Heavy metal Sax
230	Church Oboe
231	Oboe ensemble
232	Bass Oboe
233	Bright Oboe
234	distortio oboe
235	English Horn ensemble
236	Pizzicato English Horn
237	Diplophonia English Horn
238	Bright English Horn
239	Synth English Horn
240	Psychedelic Synth Lead
241	Vibraphone Synth Lead
242	Marimba Synth Lead
243	Metal FX
244	Electronic FX
245	Electronic String Ensemble
246	Wind FX
247	Clarinet FX
248	Organ FX
249	Crystal FX

250	Synth Shamisen
251	Electronic Shamisen
252	Bright Sitar
253	Whistle Accord
254	rhythm Nation
255	Bright Koto
256	Koto Lead
257	Diplophonia Koto
258	Baritone Koto
259	Synth Koto
260	Environmental Lead
261	Metal Lead
262	Orchestra Lead
263	Glockenspiel Lead
264	Bass Lead
265	Fifths Lead
266	Wind Lead
267	Atmosphere Lead
268	Sharp Lead
269	Bright Lead
270	East Nation Pad
271	Atmosphere Pad
272	Electric bass Pad
273	electric Piano Pad
274	Clean Guitar Pad
275	Western Pad
276	Sci-fi Pad
277	Metal Sci-fi Pad
278	Clarinet Pad
279	Electronic dance Pad
280	Double Kalimba
281	Bright Kalimba
282	Crystal Kalimba
283	Synth Kalimba
284	Electronic Bagpipe
285	Wind Bagpipe
286	high Bagpipe
287	Bright Bagpipe
288	Orchestra Bagpipe
289	Baritone Bagpipe
290	Environmental Shanai
291	Baritone Shanai
292	Tenor Shanai
293	high Shanai
294	Synth Shanai
295	Bright Steel Drums
296	Steel Drums Lead
297	Lyric Steel Drums
298	Orchestra Steel Drums
299	Synth Steel Drums

300	Rhythm electric Piano
301	Baritone Xylophone
302	Clean Piano
303	Bright Dulcimer
304	Rhythm Grand Piano
305	Rhythm Accordion
306	Marimba Harp
307	Synth Xylophone
308	Psychedelic Jazz Guitar
309	Rhythm Electric Guitar
310	Baritone Piccolo
311	Pan Flute Pad
312	Soft Pad
313	Fierce Organ
314	Fantasy Clarinet
315	Bright Rhythm
316	Synth Brass Ensemble
317	Electronic Xylophone
318	Atmosphere Pizzicato
319	Rhythm Clarinet
320	Bright Dulcimer
321	Double British pipe
322	Bright Bassoon
323	Electronic Synth Bassoon
324	Rock Wind
325	Synthetic effect wind1
326	Synthetic effect wind2
327	Synthetic effect wind3
328	Synthetic effect wind4
329	Synthetic Fiddle
330	Special Echo FX
331	Electronic Organ Lead
332	Church Organ Lead
333	Science Fiction Classic
334	Electronic Bagpipe
335	String Ensemble Pad
336	Electronic wind Pad
337	Organ Electric Guitar
338	Jazz Electric Piano
339	Rock Timpani
340	Fantasy Atmosphere
341	Heavy metals Pad
342	Bright clavichord
343	Noise Lead
344	Classical Electronic

## APPENDIX 2. RHYTHM TABLE

000	16BeatPop	044	Twist	088	Waltz2
001	8BeatPop	045	HardRock3	089	Tango1
002	8BeatShuffle	046	16BeatRock	090	Tango2
003	FolkRock	047	SoulBeat	091	Slow soul2
004	Bachata1	048	Reggae	092	Jazz Waltz3
005	PopShuffle	049	Big Band1	093	Slow soul3
006	PopRock	050	Big Band2	094	Cobmo2
007	PopClassics	051	Swing1	095	Rhumba 2
008	16BeatBallad	052	Waltz1	096	Samba
009	PopBallad	053	Funky_soul5	097	16beat1
010	BigBallad	054	Jazz Waltz1	098	Pop Dance3
011	PianoBallad	055	Jazz Waltz2	099	China1
012	EpicBallad	056	Cobmo1	100	16Beat2
013	BalladClassics	057	Euro Soul	101	Funky_soul6
014	EuroBeat	058	Mambo	102	China2
015	PopDance1	059	Merengue1	103	China3
016	Step	060	Bequine	104	Mambo2
017	Shuffle	061	West Coast	105	Pop Samba2
018	SwingBeat	062	Habanera	106	Pop Samba3
019	Bachata2	063	PopBossanova1	107	Rock
020	Country1	064	Bossanova	108	PopPolka
021	Country2	065	Jazz Samba	109	16 Beat3
022	CountryRock	066	Cha-Cha	110	Mideast
023	FunkySoul1	067	Newsoul	111	BequineDance
024	FunkySoul2	068	Baiao	112	GothDance
025	PolkaPop	069	Calypso	113	Swing2
026	PopDance2	070	Reggae16bate	114	EasyBeat
027	Blues	071	Country Waltz1	115	Break_Beat
028	RockFolk	072	Bluegrass	116	8 Ballad
029	Folk	073	Country3	117	House1
030	DanceRock	074	CountryRock	118	HappyPop
031	SlowSoul1	075	Country folk	119	GlamRock
032	Soul	076	Country Waltz2	120	House2
033	Funky_soul3	077	C & W	121	thailand
034	Funky_Soul4	078	Pop Samba 1	122	Slow soul4
035	HardRock1	079	Polka2	123	Rock+Roll
036	Hard Beat	080	Traditional Waltz	124	TradBeat
037	RockyPop	081	Vallenato	125	Lambada
038	Slow Rock1	082	Bolero	126	SoftBeat
039	Slow Rock2	083	Rhumba 1	127	Plena
040	Lyric Rock	084	Jorpo		
041	EasyRock	085	Merengue2		
042	HardRock2	086	March		
043	Bachata3	087	Salsa		

# TECHNICAL SPECIFICATION

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Power Supply : 100-240VAC 50/60Hz (12V Adapter)  
Weight : 4,40 kg  
Dimensions (L x W x H) : 965 x 366 x 142mm

The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

The products referred to in this manual conform to the European Community Directives to which they are subject:

## European Union

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2014/35/EU

2014/30/EU

2011/65/EC



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S.I. 2016:1091

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Specifications and design are subject to change without prior notice.

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