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www.nuxaudio.com
Made in China

NUX

User Manual

Version 2

NEK-100

61-Key Portable Keyboard



Thank you for purchasing this NUX NEK-100 Portable Keyboard!

NEK-100 includes a built-in rechargeable battery, is lightweight and with a compact size, and includes various sounds, styles and functions. We hope it will provide you with endless amounts of musical enjoyment!

We recommend that you read this manual carefully to fully understand and utilize all the functions. Be sure to keep this manual properly for future reference.

Features

- 500 Sounds
- 100 Styles
- 100 Demo Songs
- Pitch Bend Wheel
- Dual Voice
- Split Keyboard
- 5 User Presets
- 5 Levels of Touch Response
- Auto Accompaniment
- Live Music Function
- Transpose & Octave Shift
- 3 Types of Reverb
- Rechargeable Battery
- Bluetooth

Contents

Control Panels 02
Front Panel 02
Rear Panel 03
Setting Up 04
Basic Connections 04
Turning Power On/Off 04
Playing the Keyboard 05
Selecting a Sound 05
Using the Metronome 05
Changing the Tempo 05
Transpose 05
Demo Songs 06
Effects & Functions 07
Changing the Touch Response 07
Adding Reverb Effects 07
Bluetooth Audio & MIDI 07
Octave Shift 08
Adjusting Overall Pitch (A4) 08
Layering a Dual Voice 08
Splitting the Keyboard 08
User Presets 08
Rhythms & Accompaniment 09
Playing a Rhythm 09
Auto Accompaniment 09
Single/Multi Fingering 09
Sync Start 10
Inserting an Intro or an Ending 10
Changing the A/B Variations 10
Live Music Mode 11
Entering the Live Music Mode 11
Playing a Live Music 11
Adjusting the Pitch 12
Bridge, Ending, or Return to Beginning 12
Using Effects 12
Using Live Music Sounds 12
System Settings 14
Factory Reset 14
System Info 14
Appendix 15
Live Music List 15
Demo Song List 15
Sound List 16
Style List 20
Specifications 21
Trouble Shooting 22

Control Panels

Front Panel

01 POWER Button
Press to turn power on/off.

02 Volume Controls
Press to increase or decrease the master volume (0-10). The volume is shown in the middle top area of the screen.

03 Function Buttons
Operations are assigned to these 3 function buttons according to the labels shown in the screen above the buttons.

04 Display Screen
Displays current operations.

05 VALUE Dial
Rotate to browse pages, set parameters or select voices / songs / styles etc.

06 HOME Button
Press to return to the main page.

07 SETTINGS Button
Press to enter the effects and functions settings, including Touch Response, Reverb, Bluetooth, Octave Shift, A4 Tuning, Dual Voice, Split Keyboard, User Presets, and Factory Reset.

08 A/B Button
Press to switch between the A and B variations of the styles.

09 TRANSPOSE Button
Change the overall pitch of the keyboard in semitone steps.

10 METRONOME Button
Press to enter the metronome settings.

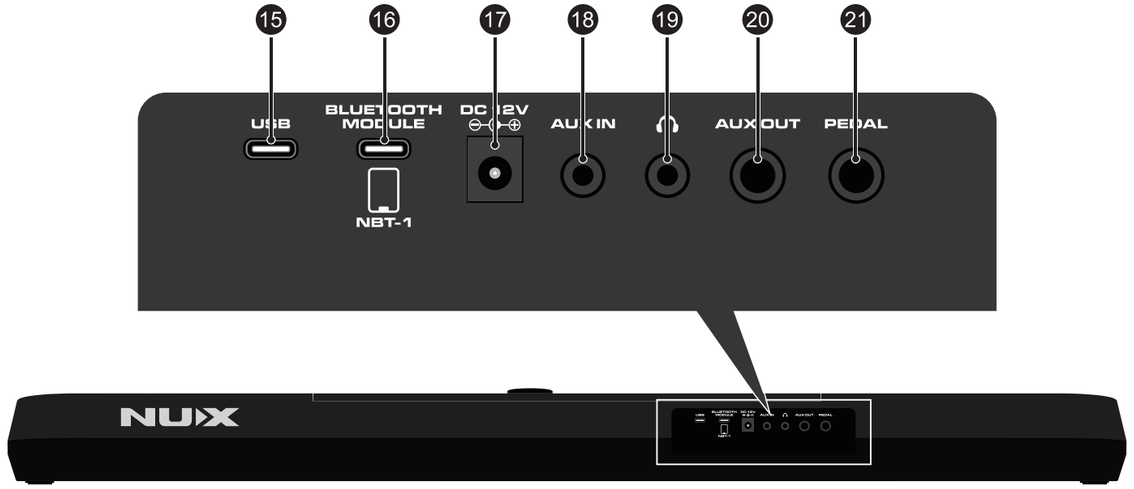
11 TAP Button
Tap to adjust the tempo for the styles, the metronome, the demo songs and the live music songs.

12 INTRO/ENDING Button
In rhythm/style mode, press to insert an intro or ending pattern.

13 PLAY/STOP Button
Press to start or stop the playing.

14 Pitch Bend Wheel
Rotate to smoothly slide the pitch of notes (±2 semitones).

Rear Panel



15 USB MIDI Jack
Connect to a computer via USB MIDI and use the keyboard as a MIDI device.

16 BLUETOOTH MODULE Jack
Connect to NUX NBT-1 module to enable Bluetooth Audio and Bluetooth MIDI functions.

17 DC 12V Jack
Connect the power adaptor. DC 12V 2A Center Positive.

18 AUX IN Jack
3.5mm stereo Aux In jack. Connect to an external device (MP3/phone/pad etc.) to play audio.

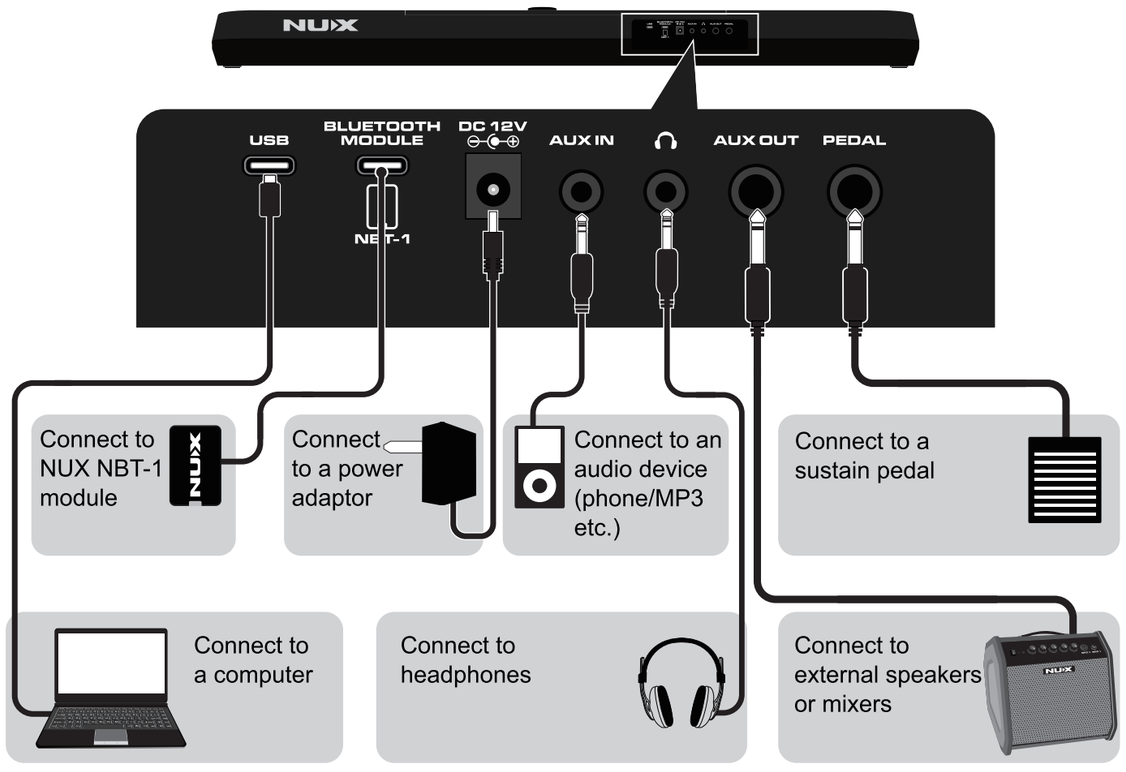
19 🎧 Jack
Connect a pair of headphones to this 3.5mm stereo jack.
Note: When connected, the built-in speakers will be muted, while the AUX OUT will still work.

20 AUX OUT Jack
6.35mm stereo audio output jack. Use an audio cable to send the audio signal to external speakers, mixers, etc.
Note: When connected, the built-in speakers will still work. If you'd like to mute the built-in speakers, connect a plug to the PHONES jack at the same time.

21 PEDAL Jack
Connect a sustain pedal to this jack.

Setting Up

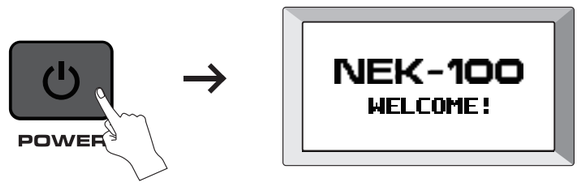
Basic Connections



Turning Power On/Off



Use the built-in rechargeable battery or connect the included power adaptor to the DC 12V jack on the rear panel and plug it to a power supply, the NEK-100 will be ready to be powered on.

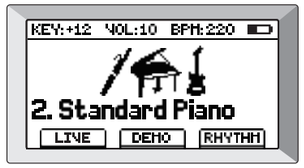


Press and hold the POWER button for 2 seconds, the NEK-100 will power on. After a welcome page, the screen will display the main page.

Press and hold the POWER button for 2 seconds, the NEK-100 will power off.
When not connected to a power supply, the NEK-100 will automatically power off after 30 minutes of inactivity.

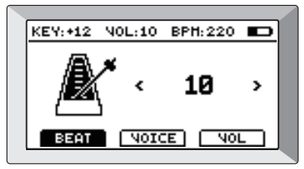
Playing the Keyboard

Selecting a Sound



The current Sound is displayed on the main page. By default, this is set to Grand Piano.
Use the dial to select a different Sound. There are 500 great Sounds for you to select. (See the Sound List in Appendix for details.)

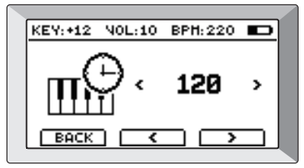
Using the Metronome



Press the METRONOME button to display the metronome settings, then press the function buttons below the screen to enter BEAT, VOICE, and VOL setting. Use the dial to adjust:

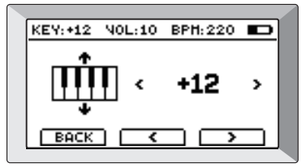
BEAT	1-9
VOICE	Bell (cow bell), Voice (human voice), 330 (mechanical sound from the classic Cherub WSM-330 metronome), Electr. (electronic sound)
VOL	0-10 Adjust the volume of the metronome.

Changing the Tempo



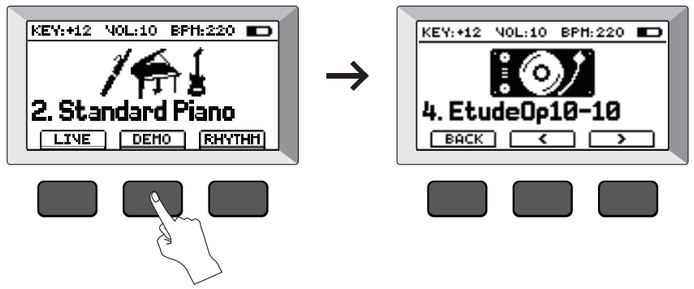
Press the TAP button to display the current tempo setting, then use the dial to adjust the tempo (40-240BPM). Or simply tap on the TAP button for 3 times, and it will automatically detect your tempo. The current tempo is shown on the right corner of the screen as “BPM”.

Transpose



Press the TRANSPOSE button, then use the dial or the function buttons to change the overall pitch of the keyboard in semitone steps (-12-+12). The current pitch is shown on the left corner of the screen as “KEY”.

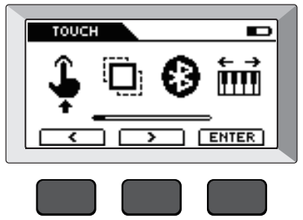
Demo Songs



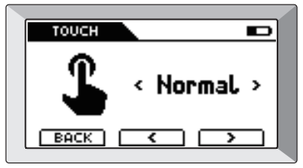
On the main page, press the middle function button which indicates the DEMO to enter Demo Song mode.
Use the dial or the function buttons to select one of the included 100 demo songs. (See the Demo Song List in Appendix for details.)
Press the PLAY/STOP button to start/stop playing the demo songs.

Effects & Functions

Press the SETTINGS button to display the Functions page.

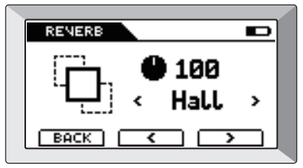


Changing the Touch Response



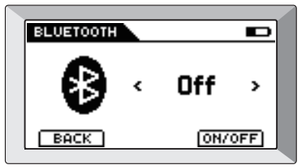
From the Functions page, ENTER the [ ] settings to adjust the Touch Response of the keyboard (Light1, Light2, Normal, Hard1, Hard2).

Adding Reverb Effects



From the Functions page, ENTER the [ ] settings to adjust the Reverb effects. Press the function buttons to select between 3 types of Reverbs including ROOM, HALL, PLATE. Use the dial to adjust the depth of the Reverb (0-100).

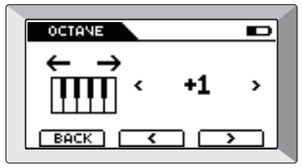
Bluetooth Audio & MIDI



From the Functions page, ENTER the [ ] settings to turn ON/OFF the NBT-1 Bluetooth Module which will activate/deactivate the Bluetooth Audio and Bluetooth MIDI functions.

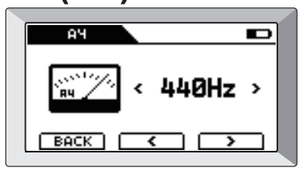
Bluetooth Audio	Bluetooth MIDI
Open the Bluetooth list on your smart devices (phones, tablets etc.) and connect to “NEK-100”. When connected successfully, you will hear a notification sound and the blue light on the NBT-1 module will light up. Now you can stream music from your devices to the NEK-100.	NEK-100 can be connected to various mobile APPs via Bluetooth MIDI. For example, you can connect to NUX Piano Mate and practice with the music scores in the APP. In the APP, enable Bluetooth on the music score page and connect to “NEK-100”.

Octave Shift



From the Functions page, ENTER the [ ] settings to shift the overall pitch of the keyboard 1 octave up or down (-1-+1).

Adjusting Overall Pitch (A4)

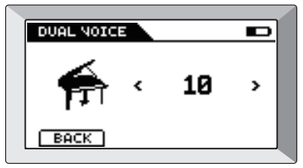


From the Functions page, ENTER the [ ] settings to adjust the A4 (420-460Hz).

Layering a Dual Voice

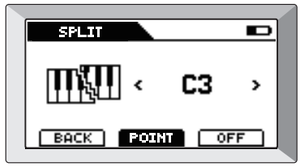


From the Functions page, ENTER the [ ] settings to layer a Dual Voice. The voice you selected before entering this setting becomes the Main Voice, while the voice you can select here will become the Layered Voice.



Press the middle function button which displays VOL, and then use the dial to adjust the Volume for the Layered Voice.

Splitting the Keyboard



From the Functions page, ENTER the [ ] settings to split the keyboard into two sub-keyboards. The default Split Point is F#4, and you can use the dial or directly press the key to change it after selecting the POINT option.

The Main Sound or Dual Sound you were playing before splitting the keyboard becomes the sound for the right-hand area, while you can select and play another sound on the left-hand area.

User Presets

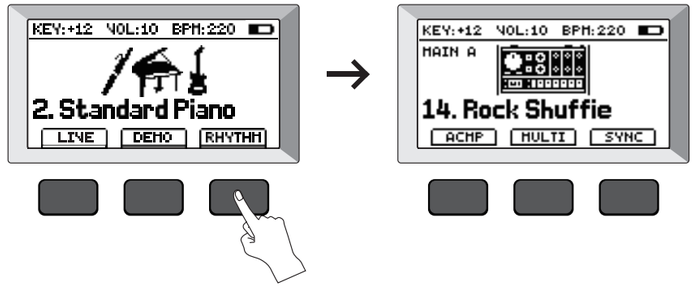


From the Functions page, ENTER the [ ] settings to save or recall User Presets. There are 5 user presets slots for you to save all parameters including the sound, rhythm, etc.

Press SAVE to save all the parameters in the current slot. Press LOAD to recall them again whenever you need it.

Rhythms & Accompaniment

Playing a Rhythm

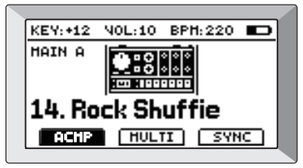


From the main page, press the right function button labeled RHYTHM to enter the Rhythm/Style mode.

Use the dial or the function buttons to change between the 100 rhythms/styles. (See the Style List in Appendix for details.)

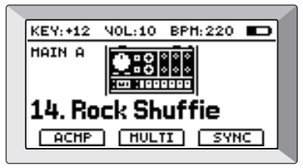
Press the PLAY/STOP button to start/stop playing the rhythm/style.

Auto Accompaniment



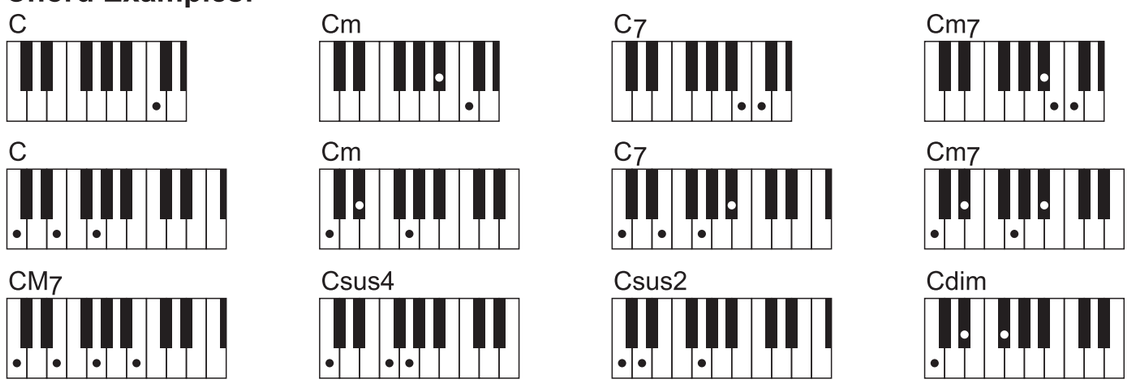
From the Rhythm page, press the left function button labeled ACMP to activate/deactivate Auto Accompaniment. When activated, the keyboard will be split at F#3 and the left-hand area will be used for playing chords.

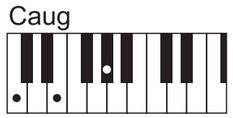
Single/Multi Fingering

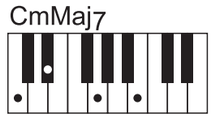


From the Rhythm page, press the middle function button to choose from the two fingering types, SINGLE or MULTI, for playing chords.

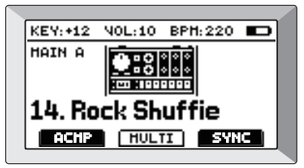
Chord Examples:







Sync Start



From the Rhythm page, press the right function button labeled SYNC to activate/deactivate Sync Start for the Auto Accompaniment. When activated, the Auto Accompaniment will start simultaneously with the first chord played on the left-hand area.

Inserting an Intro or an Ending

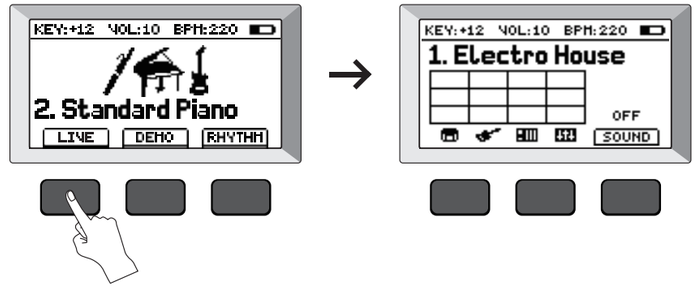
While in the Rhythm/Style mode, press the INTRO/ENDING button to insert an Intro to the current style. When the style is played, it will start with the Intro and then move to the Main section when the Intro is finished.
Press the INTRO/ENDING button again and the section will switch to the Ending. When the Ending is finished, the style will stop.

Changing the A/B Variations

Each style has 2 variations, Main A and Main B. In the Rhythm mode, press the A/B button to switch between these 2 variations. A fill-in will be automatically added before changing.

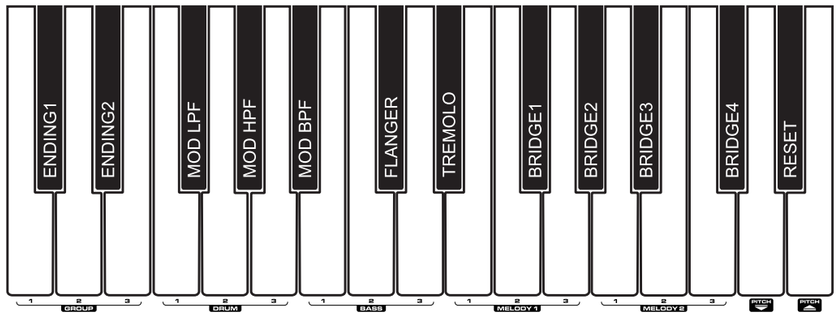
Live Music Mode

Entering Live Music Mode

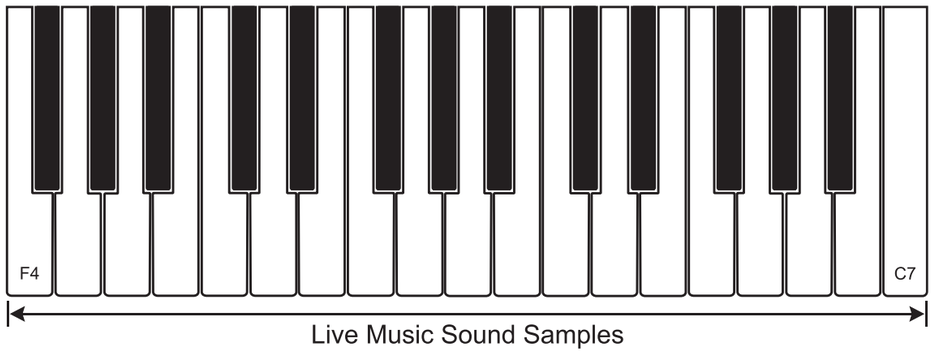


On the main page, press the left function button labeled LIVE to enter Live Music mode. The keyboard will be split at E4.

The functions of the keys on the left-hand area will be as below:



The right-hand area can be switched between the normal melody keyboard and the Live Music Sound keyboard:



Playing a Live Music

Use the dial to select one of 20 live music songs. (See the Live Music List in Appendix for details.)

Each song consists of 4 parts, DRUM, BASS, MELODY1, and MELODY2. For each part, there are 3 different phrases options with increasing density (1 has the least density while 3 has the most density). Press the key to start/stop playing the phrase accordingly.

You can play the same option of the 4 parts together by pressing the keys in the GROUP. E.g. Pressing GROUP 1 key (C2) will play DRUM 1, BASS 1, MELODY1 1, and MELODY2 1 together.

Or, you can combine different options of each part. E.g. While GROUP 1 is playing as described above, pressing DRUM 2 key (G2) will change the phrase of the DRUM from DRUM 1 to DRUM 2 while the other parts stay the same.

Adjusting the Pitch

Pressing the PITCH DOWN (D4) / PITCH UP (E4) keys will adjust the overall pitch in semitones steps (-6 to 0 to +6), while the live music is playing.

Bridge, Ending, or Return to Beginning

Press the BRIDGE1 (F#3) / BRIDGE2 (G#3) / BRIDGE3 (A#3) / BRIDGE4 (C#4) key will insert a bridge with various effects. There are 4 bridge options for each live music song.

Press the ENDING1 (C#2) / ENDING2 (D#2) key will end the current live music song. ENDING1 adds effects and builds up intensity, while ENDING2 fades out.

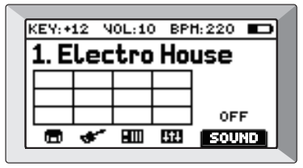
Press the RESET (D#4) key will return to the beginning of the live music song.

Using Effects

Pressing down an Effect key will apply the corresponding effect to the entire live music song. The effect name will also appear on the display screen. The effect will stop when the key is released.

Key	Effect
MOD LPF (F#2)	Modulation Low Pass Filter. Applies effect of the LPF periodically through the song.
MOD HPF (G#2)	Modulation High Pass Filter. Applies effect of the HPF periodically through the song.
MOD BPF (A#2)	Modulation Band Pass Filter. Uses the frequency band filter to achieve an effect similar to radio playback.
FLANGER (C#3)	Applies an undulating, swooshing effect to the sound.
TREMOLO (D#3)	Periodic volume changes in stereo outputs to achieve a pulsating effect.

Using Live Music Sounds



From the Live Music mode, press the function button which indicates the SOUND to switch between the normal melody keyboard and the Live Music Sound keyboard for the right-hand area (F4 – C7).

When the SOUND is OFF, this enables the normal keyboard for you to play a melody along with the live music. When it's ON, it enables the live music sounds.

Key	Sound
F4	Cymbal
F#4	Shock
G4	Whirl
G#4	Noise Fades
A4	Vortex
A#4	Ray
B4	Buzzer
C5	Hey
C#5	Come on
D5	Cool
D#5	DJ
E5	Hello
F5	Put Your Hands Up
F#5	Wow
G5	Impact
G#5	Low Impact 1
A5	Low Impact 2
A#5	Low Impact 3
B5	Low Impact 4
C6	Noise Rise
C#6	Crystal Rise
D6	Future Rise
D#6	Howling Rise
E6	Shuttle Rise 1
F6	Shuttle Rise 2
F#6	Rapid Rise
G6	Twist 1
G#6	Twist 2
A6	Twist 3
A#6	Fx 1
B6	Fx 2
C7	Fx 3

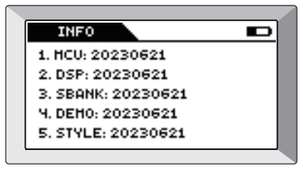
System Settings

Factory Reset



From the Functions page, ENTER the [↺] settings to do factory reset. Once confirmed, all your personal edits or user presets will be cleared.

System Info



From the Functions page, ENTER the [*i*] settings to check the system information.

Appendix

Live Music List

Number	Name	Tempo
1	Electro House	132
2	Gangnam Dance	132
3	Pop Dance	122
4	Waka Dance	126
5	Release Dance	128
6	Techno Party	112
7	Club Dance	109
8	Brother House	125
9	Ethno Dance	93
10	Disco House	137

Number	Name	Tempo
11	Rock Dance	120
12	Disco Hands	135
13	Electronica	120
14	Party Anthem	132
15	Funk Dance	140
16	NUX Dance	128
17	French House	120
18	Garage Dance	130
19	Dream Dance	126
20	88S Dance	138

Demo Song List

Number	Song
1	Reverie
2	Elfin dance
3	Cuckoo
4	EtudeOp10-10
5	Martha
6	Bumble-bee
7	Etude 740-49
8	Etude 105-8
9	Pearl
10	Swallow
11	Impromptu
12	Spring water
13	March
14	Garrulous
15	Etude 105-2
16	Storm
17	Sonata Dussek
18	Spring song
19	Good-looks
20	Etude 100 No20
21	Op.10 No.5
22	Hesitation
23	OP.25 No.11
24	Etude 105-9
25	Etude 740-35
26	Quick step
27	Nocturne Chopin
28	Etude Butterfly

Number	Song
29	Ballad
30	Dog Waltz
31	Annoyance
32	Dolly Dream
33	Blue
34	Pastoral
35	Go hunting
36	Etude 105-1
37	Humoresque
38	Quick Dance
39	Forward
40	Farewell waltz
41	Parting Chopin
42	Clear stream
43	Raindrop
44	Melody in F
45	The Aria
46	Moonlight
47	Return
48	Sonata Clementi
49	Etude 105-7
50	Tarantelle
51	Goodbye
52	Etude 105-4
53	Babbler
54	Morning bell
55	Etude 105-3
56	Comfort

Number	Song
57	Pathetique
58	Etude 109 No.18
59	Op.36 No.6
60	Invention No.1
61	Valse Op64-2
62	Minuet Bach
63	Midnight Dance
64	Gypsies
65	Performer
66	Whisper
67	Maple leaf Rag
68	Polonaise
69	Op.28 No.3
70	Op.28 No.4
71	Op.28 No.8
72	Op.28 No.11
73	Op.28 No.12
74	Op.28 No.14
75	Op.28 No.16
76	Op.28 No.17
77	Op.28 No.18
78	Op.28 No.19
79	Op.28 No.22
80	Op.28 No.23
81	Op.28 No.24
82	Op.72 No.1
83	GreatAdventure
84	Hobgoblin

Number	Song
85	Op.25 No.1
86	Op.25 No.3
87	Op.25 No.4
88	Op.25 No.11
89	Etude OP36-3
90	Etude OP36-5

Number	Song
91	Etude OP36-6
92	Etude OP36-7
93	Etude OP36-9
94	Etude OP36-10
95	Etude OP36-11
96	Etude OP36-12

Number	Song
97	Etude OP36-13
98	Etude OP36-16
99	Etude OP36-17
100	Etude OP38-02

Sound List

Piano

Number	Sound
001	Grand Piano
002	Standard Piano
003	Bright Piano
004	ConcertHall Piano
005	Emo Piano
006	Jazz Piano
007	Pop Piano
008	Honky Tonk Piano 1
009	Honky Tonk Piano 2
010	Muted Piano
011	Wide Piano

Electric Piano

Number	Sound
012	Electric Piano 1
013	Electric Piano 2
014	Electric Piano 3
015	Electric Piano 4
016	Electric Piano 5
017	Electric Piano 80S
018	Creepy Electric Piano
019	Basic Electric Piano 1
020	Basic Electric Piano 2
021	Basic Electric Piano 3
022	Basic Electric Piano 4
023	Basic Electric Piano 5
024	Basic Electric Piano 6
025	Basic Electric Piano 7
026	Basic Electric Piano 8
027	Basic Electric Piano 9
028	Basic Electric Piano 10
029	Basic Electric Piano 11
030	Electric Piano Bell
031	Electric Piano Complex
032	Electric Piano Moonlight
033	Electric Piano Pipe
034	Electric Piano Peculiar

Organ

Number	Sound
035	Accordion 1
036	Accordion 2
037	Accordion 3
038	Hammond
039	Organ 1
040	Organ 2
041	Organ 3
042	Organ 4
043	Organ 5
044	Organ 6
045	Organ 7
046	Organ 8
047	Organ 9
048	Organ 10
049	Organ 11
050	Organ 12
051	Church Organ 1
052	Church Organ 2
053	Church Organ 3
054	Church Organ 4
055	Harmonic
056	Reed Organ

Guitar

Number	Sound
057	Nylon String Guitar 1
058	Nylon String Guitar 2
059	Nylon String Guitar 3
060	Nylon String Guitar 4
061	Nylon Guitar 1
062	Nylon Guitar 2
063	Nylon Guitar 3
064	Nylon Guitar 4
065	Nylon Guitar Finger
066	Steel String Guitar 1
067	Steel String Guitar 2
068	Jazz Guitar 1
069	Jazz Guitar 2
070	Jazz Guitar Finger
071	Shimmer Jazz Guitar
072	Clean Guitar 1
073	Clean Guitar 2
074	Clean Guitar 3
075	Clean Guitar 4
076	Clean Guitar 5
077	Acoustic Guitar 1
078	Acoustic Guitar 2
079	Acoustic Guitar 3
080	Acoustic Guitar 4
081	Distortion Guitar 1
082	Distortion Guitar 2
083	Distortion Guitar 3
084	Distortion Guitar 4
085	Distortion Guitar 5
086	Distortion Guitar 6
087	Muted Guitar 1
088	Muted Guitar 2
089	Funk Guitar 1
090	Funk Guitar 2
091	Guitar Slap
092	Hawaii Guitar
093	Guitar Harmonics 1
094	Guitar 1
095	Guitar 2
096	Guitar 3
097	Guitar 4

Bass

Number	Sound
098	Acid Bass
099	Bass Slide Down
100	Bass Gliss Up
101	Bass Finger
102	Bass Pick
103	Fretless Bass
104	Synth Bass 1
105	Synth Bass 2
106	Synth Bass 3
107	Synth Bass 4
108	Rude Bass
109	Wide Bass 1
110	Wide Bass 2
111	Wide Bass 3
112	Acid Tube Bass
113	Catchy Bass
114	Punch Bass
115	Disco Bass
116	Bass 1
117	Distortion Bass 1
118	Distortion Bass 2

Strings

Number	Sound
119	Violin
120	Viola
121	Cello
122	Cello 1
123	Cello 2
124	Double Bass
125	String Ensemble 1
126	String Ensemble 2
127	String Ensemble 3
128	String Pizzicato
129	Full Action 1
130	Full Action 2
131	Full Action 3
132	Full Action 4

Brass

Number	Sound
133	Horn
134	French Horn 1
135	French Horn 2
136	French Horn 3
137	Saxophone 1
138	Tenor Saxophone
139	Soprano Saxophone
140	Bass Saxophone
141	Alto Saxophone 1
142	Alto Saxophone 2
143	Jazz Saxophone
144	Trumpet
145	Trombone
146	Tuba
147	Horns
148	Trumpets
149	Trombones
150	Tubas
151	Brass 1
152	Brass 2
153	Brass 3

Woodwinds

Number	Sound
154	Flute 1
155	Flute 2
156	Flutes
157	Piccolo 1
158	Oboe 1
159	Oboes
160	English Horn 1
161	English Horn 2
162	English Horn 3
163	Clarinet 1
164	Clarinet 2
165	Clarinets
166	Bassoon 1
167	Bassoon 2
168	Bassoons

Other Instrument

Number	Sound
169	Harp 1
170	Harp 2
171	Harp 3
172	Harp 4
173	Harpsichord 1
174	Harpsichord 2
175	Harpsichord 3
176	Percussion Bass
177	EBanjo
178	Banjo 1
179	Vibe
180	Modern FM
181	Saite
182	GuQin
183	EGuQin
184	Erhu
185	Pipa
186	ChinesePluck
187	Ethno Pluck
188	Feed 1
189	Feed 2
190	Reed 1
191	Reed 2
192	Sitar
193	Shakuhachi 1
194	Shape Bell
195	Dream Bell
196	Clavichord 1
197	Sona&String
198	Castanets
199	Ocarina
200	Bando
201	Synth Keyboard
202	Bottle Blow
203	Vox

Percussion

Number	Sound
204	Fushion Drum
205	Timpani
206	Celesta
207	Glokenspiel 1
208	Glokenspiel 2
209	Glokenspiel 3
210	Glokenspiel 4
211	Glokenspiel 5
212	Marimba 1
213	Marimba 2
214	Marimba 3
215	Xylophone
216	Tinkle Bell
217	Darkness Bell
218	Vibraphone 1
219	Vibraphone 2
220	Musical Saw
221	Chimes
222	Bells 1
223	Bells 2
224	Bells 3
225	Glassy Bell
226	Metabell
227	Chinese Drum
228	Gong
229	Taiko Drum
230	Tom Tom
231	Synth Drum
232	Pusher
233	Woodblock

234	Kalimba

Ethnic

Number	Sound
235	Mandolin 1
236	Mandolin 2
237	Mouth Organ
238	Long-necked Lute
239	Santur
240	Pan Flute
241	Ancient Flute
242	Bottle Blow
243	Bagpipe
244	Treble Suona

Voices

Number	Sound
245	Choir Aahs
246	Vocal Ooh
247	Vocal Doo
248	Choir

Synth

Number	Sound
249	Sugar Plum
250	Synth Guitar 1
251	Synth Guitar 2
252	Synth Guitar 3
253	Synth Guitar 4
254	Synth Guitar 5
255	Synth Brass 1
256	Synth Brass 2
257	ECrystal
258	Neon
259	Synth Strings
260	Square
261	Crystal 1
262	Warm 1
263	Warm 2
264	Fantastic
265	Lead 1
266	Bowed
267	Halo
268	Soundtrack
269	Goblins 1
270	Goblins 2
271	Bass+Lead
272	Echoes 1
273	SciFi
274	Dark Ages 1
275	Dark Ages 2
276	Synth Erhu
277	Pad Soft
278	Pad Ahh
279	Pad Retro
280	Pad Vastness 1
281	Pad Vastness 2
282	Pad Happiness 1
283	Pad Happiness 2
284	Pad Darkness
285	Pad Warp
286	Pad Saw Square
287	Pad Twinkle 1
288	Pad Twinkle 2
289	Pad Glitter 1
290	Pad Glitter 2
291	Pad Metal
292	Synth Pluck 1
293	Synth Pluck 2
294	Synth Pluck 3
295	Synth Pluck 4
296	Synth Pluck 5
297	Synth Pluck 6
298	Lead Synth Flute
299	Lead Native Synth
300	Lead Cry
301	Bright 1
302	Bright 2
303	Steel Drums
304	Lead Nek 1
305	Lead Nek 2
306	Lead Psy
307	Lead Slate
308	Lead 1984
309	Lead Basic 1
310	Lead Basic 2
311	Lead Basic 3
312	Lead Basic 4
313	Lead Basic 5
314	Bounce Drive
315	Bounce Nodirve
316	Lead Brass
317	Lead Choir 1
318	Lead Choir 2
319	DarkDancer
320	Deletion
321	Dwarf
322	Glass
323	Glitter
324	Gloomy
325	Highlight
326	Hotly
327	Marginal
328	Motor
329	Filtered Square
330	Space 1
331	Downer 1
332	Noise Riser

FX

Number	Sound
333	FX Ice 1
334	FX WaWa
335	FX Change
336	FX Bell Tree
337	FX Riser
338	FX Science
339	FX Bong
340	FX Shooting
341	FX Knock
342	FX Drub
343	FX Birds
344	FX Signal
345	FX Firing
346	FX Bottom 1
347	FX Bottom 2
348	FX Sea
349	FX Bird
350	FX Extended 1
351	FX Extended 2
352	FX Wah Wah
353	FX Ring
354	FX Motor
355	FX Panic
356	FX Speed
357	FX Hit
358	FX Alarm
359	FX Train
360	FX Wind
361	FX Growing
362	FX Phone
363	FX Propeller
364	FX Rain
365	FX Laugh

366	FX Scream
367	FX Voice
368	FX Nervous
369	FX Heel
370	FX Gun 1
371	FX Gun 2
372	FX Gun 3

GM

Number	Sound
373	Acoustic Piano
374	Bright Piano
375	Electric piano 1
376	Electric piano 2
377	HonkyTonk Piano
378	Rhodes Piano
379	Harpsichord
380	Clavichord
381	Celesta
382	Glockenspiel
383	Music box
384	Vibraphone
385	Marimba
386	Xylophone
387	Tubular Bells
388	Santur
389	Organ 1
390	Organ 2
391	Organ 3
392	Church Organ
393	Reed Organ
394	Accordion
395	Harmonica
396	Bandoneon
397	Nylon String Guitar
398	Steel String Guitar
399	Jazz guitar
400	Unvoiced Guitar
401	Muffled Guitar
402	Overdrive Guitar
403	Distortion Guitar
404	Guitar Harmonics
405	Acoustic Bass
406	E.Bass Finger
407	E.Bass Pick
408	Fretless Bass
409	Bass Slap 1
410	Bass Slap 2
411	Synth-Bass 1
412	Synth-Bass 2
413	Violin
414	Viola
415	Cello
416	Contrabass
417	Strings Tremolo
418	Strings Pizzicato
419	Harp
420	Timpani
421	String Ensemble
422	Soothing String 1
423	Soothing String 2
424	Synth Strings
425	Choir Aahs
426	Vocal Doo
427	Synth Vocal
428	Orchestra Hit
429	Trumpet
430	Trombone
431	Tuba
432	Mute Trumpet
433	French Horn
434	Brass Section
435	Synth Brass 1
436	Synth Brass 2
437	Soprano Sax.
438	Alto Saxophone
439	Tenor Saxophone
440	Bass Saxophone
441	Oboe
442	English Horn
443	Bassoon
444	Clarinet
445	Piccolo
446	Flute
447	Reed Pipe
448	Pan Flute
449	Bottle Blow
450	Shakuhachi
451	Whistle
452	Ocarina
453	Lead Square
454	Lead Sawtooth
455	Lead 1
456	Lead 2
457	Lead 3
458	Lead Voice
459	Lead Fifths
460	Lead Bass+Lead
461	Lead Dream
462	Pad Warm
463	Pad Polysynth
464	Pad Space
465	Pad Bowed
466	Pad Metallic
467	Pad Halo
468	Pad Sweep
469	FX Ice
470	Fx Soundtrack
471	Fx Crystal
472	Fx Atmosphere
473	Fx Bright
474	Fx Goblins
475	Fx Echoes
476	Fx SciFi
477	Sitar
478	Banjo
479	Shamisen
480	Koto
481	Kalimba
482	Suona
483	Erhu
484	Treble Suona
485	Tinkle Bell
486	Agogo
487	Steel Drums
488	Woodblock
489	Taiko Drum
490	Melodic Tom
491	Synth Drum
492	Reverse Cymbal
493	Guitar Fret Noise
494	Tooting
495	Seashore
496	Bird Tweet
497	Telephone
498	Helicopter
499	Applause
500	Shot

Style List

ROCK

Number	Style
1	Rock
2	Pop Rock
3	Slow Rock
4	70s Rock
5	Folk Rock
6	Soft Rock
7	Old Rock
8	Easy Rock
9	Rock&Roll1
10	Rock&Roll2
11	Rock Shuffle

COUNTRY

Number	Style
12	Country Pop1
13	Country Pop2
14	8Beat Country
15	Modern Country
16	2-4 Country
17	Country Folk

DISCO

Number	Style
18	Techno1
19	Techno2
20	House1
21	House2
22	Disco
23	Soft Disco
24	Disco Party
25	70s Disco
26	Club Dance
27	Euro Dance
28	Pop Dance

HIPHOP

Number	Style
29	Rock Hip-Hop
30	Hip-Hop1
31	Hip-Hop2
32	Hip-Hop Soul
33	Hip-Hop Beat

FUNK

Number	Style
34	70s Funk
35	Funk1
36	Funk2
37	Classic Funk
38	Electric Funk
39	Groove Funk
40	Rubber Funk
41	Cool Funky
42	Jazz Funk

JAZZ

Number	Style
43	Big Band Fox
44	Big Band
45	Broadway Band
46	Big Band Mid
47	Swing
48	Gospel Swing
49	Guitar Swing1
50	Guitar Swing2
51	Swing Fox
52	Swing Shuffle
53	Swing Ballad
54	Orch Swing
55	Acid Jazz
56	Latin Jazz1
57	Latin Jazz2
58	Acoustic Jazz
59	Modern Jazz
60	Cool Jazz Bld
61	Gospel
62	Groove
63	Bluegrass1
64	Bluegrass2
65	Dixieland1
66	Dixieland2

OTHER

Number	Style
67	New Wave
68	Ska
69	New Shuffle
70	Tango1

OTHER

Number	Style
71	Tango2
72	Matador
73	Twist1
74	Twist2
75	Slow Fox
76	Slow Waltz
77	Salsa
78	Cha Cha1
79	Cha Cha2
80	Beguine1
81	Beguine2
82	Rhumba
83	Samba1
84	Samba2
85	Samba3
86	Jive
87	Fox Trot
88	Down Beat
89	Progressive
90	Rap1
91	Rap2
92	Garage
93	Jay R&B
94	R&B
95	Soul
96	Soul Beat
97	Fusion
98	Ragtime
99	Quick Steps
100	Ctry Shuffle

Specifications

Model:	NUX NEK-100
Keyboard:	61 Keys
Touch Response:	Light2, Light1, Normal, Hard1, Hard2
Sounds:	500
Max. Polyphony:	54
Effects & Functions:	Reverb (3 types), Dual Voice, Split Keyboard, Transpose (-12 to 0 to +12 semitones), Octave Shift (-1 to 0 to +1 octave), A4 Tuning(420-460Hz), 5 User Presets
Auto Accompaniment:	100 Styles (Auto Chord, Single/Multi Fingering, Sync Start, A/B Variations, Intro/Ending)
Metronome:	1-9 Beats, 4 Voices, 40-240 BPM Tempo Range, Tap Tempo
Pitch Bend Wheel:	±2 semitones
Live Music Function:	20 Live Music Songs
Demo Songs:	100
Display:	TFT LCD 128X64dpi
Connectivity:	3.5mm Stereo Phones Out, 6.35mm Stereo Aux Out, 3.5mm Stereo Aux In, Sustain Pedal Jack, USB MIDI, Bluetooth Audio & Bluetooth MIDI
Speakers:	2.2” X 4.9” X 2, 5W X 2
Power Supply:	3000mAh Rechargeable Battery, or DC 12V 2A Center-Positive Power Adaptor
Dimensions:	925mm(L) X 252mm(W) X 80mm(H)
Weight:	3.1 kg
Included Accessories:	Power Adaptor, Music Rest, User Manual, NBT-1 Bluetooth Module

* Specification may change without notice.

Trouble Shooting

Trouble	Possible Reason/Solution
The digital piano will slightly puff when it is switched on.	Don't worry. This is normal.
Pressing a key makes no sound, after the power is on.	Please check whether the master volume is set properly, or whether the headphone jack is plugged in, which will automatically cut off the built-in speaker system.
When using the sustain pedal, some sound sustains longer, some sustains shorter.	This is normal. The tenuto of different sounds has been set to their optimized length.
The volume is too low.	Please check whether the master volume is set properly.
The speaker makes noise when a cell phone is nearby.	The cell phone will interfere when it is nearby. Please keep the cell phone away from the keyboard to avoid the jam.
The pitch doesn't match with the key while playing.	Turning off Split function, resetting Transpose/Octave to zero, or resetting A4 Tuning will solve the problem.
The demo song distorts or interrupts.	Maybe it has been playing in maximum power for a long time so that the circuit board self-protection system is activated in case of overheat. Turning down the volume or powering off the keyboard for a while will solve the problem.
There are two sounds at the same time while playing.	Maybe the Dual Voice function is turned on. Turning off Dual Voice will solve the problem.
Key touch is different from before.	This keyboard has 5 touch response levels. Maybe you have chosen different levels. You can adjust the touch response again.
The pitch doesn't change when Split function is turned on.	Please check whether the octave shift function is turned on.
The system crashed, and it still doesn't work after powering on again.	Please use a pin to poke the reset button on the back to reset the keyboard.