

**Thank you for choosing CME UF — Professional Master
MIDI Keyboard with Built-in USB
Please keep all the important information here**

Attach your invoice or receipt here

for reference

Purchase date	Serial(on the back of the keyboard)
Dealer's name and addr.	
Dealer's tel.	

Warning:

- Improper connection may cause damage to the device.

Copyright:

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Open the package

Please check all the items in your UF keyboard package:

- USB MIDI Master keyboard 1 pcs
- AC adapter 1 pcs
- USB cable 1 pcs
- User's manual 1 pcs
- CD-ROM for device driver 1pcs
- Sustain pedal 1 pcs (included with UF8 ONLY, optional for UF5/6/7)

PRECAUTIONS

IMPORTANT

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, damages, fire or other hazards. These precautions include, but are not limited to, the follows:

1. Read and understand all the instructions.
2. Always follow the instructions on the instrument.
3. Before cleaning the instrument, always remove the electric plug from the outlet as well as the USB cable. When cleaning, use a soft, dry cloth. Do not use gasoline, alcohol, acetone, turps or any other organic solution; do not use liquid cleaner or spray cleaner, or too wet cloth.
4. Do not use the instrument near water or moisture, such as bathtub, washbasin, or washing pool in the kitchen, or similar places.
5. Do not place the instrument in an unstable position where it might accidentally fall over.
6. Do not jam sinks or holes of the instrument; those sinks or holes are used for air circulation to prevent the instrument from overheating. Do not place the instrument near heat sink or any places with poor air circulation.
7. Always use the AC adaptor included with the instrument; do not use any other AC adaptor.
8. Do not place anything on the power cord. Make sure the power cord is set on a safe place, so nobody will step on it and no body will get trip over by it.
9. Do not overload the outlet and AC cable to avoid fire or electrical shock.
10. Do not insert anything in the instrument, which may cause fire or electrical shock. Do not splash any kind of liquid to the instrument.
11. Do not disassemble the instrument in case of accidental electrical shock.
12. Always take the instrument to qualified service center in need of repair. You will cause yourself in danger if you open or remove the cover, and improper assembly may cause electrical shock in the future use.
13. Unplug all the connectors and take the instrument to qualified service center if anything in the below list happens:
 - A. The power cord or connector get hurt or worn out.
 - B. Any liquid get in the instrument.
 - C. The instrument gets rain or water splash.
 - D. The instrument dose not work properly after following all the instructions regarding to troubleshooting.
 - E. The instrument falls down or gets broken.
 - F. The instrument functions poorly.
14. Do not use the instrument when thundering; otherwise the thundering may cause long-distance electrical shock.
15. Do not use the instrument when there is gas leak nearby.

Keep this manual in safe place

CAUTION:

Setting up

- Do not connect the instrument when thundering.
- Do not set up the cord or outlet to moisture place, except for that the outlet is specially designed for moisture.
- When the power cord is connected to the AC outlet, do not touch the naked part of cord or connector.

Always follow the instructions carefully when setting up the instrument.

WARNING:

- Do not expose the instrument to rain or moisture, to avoid fire or electrical shock.

Other precautions:

- Keep the instrument away from electrical interface source, such as fluorescent light and electrical motor.
- Keep the instrument away from dust, hear and vibration.
- Do not expose the instrument to sun light.
- Do not place heavy object on the instrument; do not place containers with liquid on the instrument.
- Do not touch connectors with wet hand
- Central Music Co. is not responsible for any damage or data loss caused by improper operation to the instrument.
- All the pictures and LCD display in the manual are used for demonstration; they may be different from a real instrument.

Features

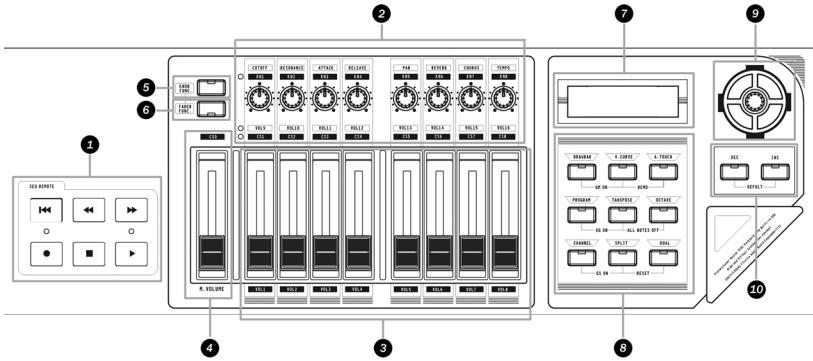
- Professional Master MIDI Keyboard with Built-in USB
- 49/61/76 keys with Initial Touch/Aftertouch(UF5/6/7)
- 88keys Hammer Effect with Initial Touch/Aftertouch(UF8)
- Pitch wheel and Modulation wheel
- 8 assignable knobs, preset function includes Cutoff / Resonance / Attack / Release / Pan / Reverb / Chorus / Tempo
- 9 assignable faders(sliders), preset function includes channel volume(chn1-chn16) and Master volume, Drawbar organ
- LED display, 9 control buttons for Program change, Transpose, Octave, Channel, Split, Dual and others.
- 6 Sequencer remote control buttons: REC, PLAY, STOP, FF, REW, BACKWARD
- BC(Breath Controller) port
- 1 MIDI out port
- Sustain pedal and Volume pedal connector
- USB MIDI port, power can be supplied with USB
- USB Drivers for Win2000/XP and Mac OSX USB MIDI
- Compatible with major sequencer and audio software
- Optional Firewire expansion board for IEEE 1394 audio interface

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1.Connection

1.1 Front Panel



① **Sequencer remote control**

Those buttons are used to control external sequencer.

② **Voice editing knobs**

8 assignable knobs with preset for voice editing.

③ **Volume Faders**

8 assignable faders (sliders) with preset for channel volume.

④ **Master Volume**

Master volume fader for external tone generator (GM standard.)

⑤ **Knob Func**

This button is used to switch knob function.

⑥ **Fader Func**

This button is used to switch fader function.

⑦ **LED display**

The LED displays related information of the keyboard.

⑧ **Function buttons**

Those buttons are used to make a lot of functions of the keyboard.

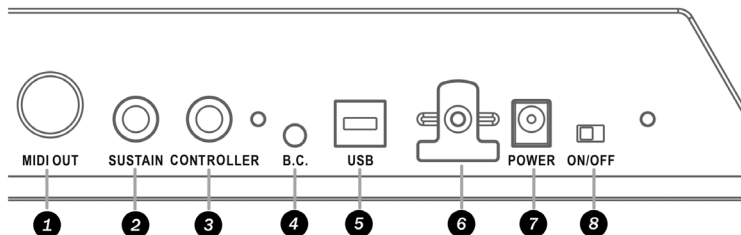
⑨ **Data dial**

Data dial is used to adjust current value.

⑩ **Inc/Dec Button**

Increase or decrease current value by one when pushed.

1.2 Rear panel



① MIDI OUT

All the MIDI messages from the UF keyboard or from USB transmission will be outputted to external MIDI devices via MIDI OUT terminal.

② SUSTAIN PEDAL

A sustain pedal can be connected to SUSTAIN PEDAL terminal. The sustain pedal will generate MIDI controller #64 message.

③ CONTROLLER PEDAL

A controller pedal can be connected to CONTROLLER PEDAL terminal. The controller pedal will generate MIDI controller message, the controller # is assignable

To assign a controller # for the pedal, press DRAWBAR and A. TOUCH at the same time, then the current controller # (11) will be displayed on the LED, now we can use DEC/INC button or the data dial to change the controller # to any number from 0 to 127.

④ B.C.(Breath Control)

A breath controller (such as YAMAHA BC3) can be connected to B.C. jack. The breath controller will generate MIDI controller #2 (assignable) message.

To assign a controller # for the B.C.jack, press PROGRAM and OCTAVE at the same time, then the current controller # (02) will be displayed on the LED, now we can use DEC/INC button or the data dial to change the controller # to any number from 0 to 127.

Note: The B.C. jack only works when the keyboard is powered by AC. Adapter.

⑤ USB

USB port is used to connect the UF keyboard to computer by an

USB cable for bi-direction data transmission.

⑥ CABLE HOOK

Keep the power cord in the CALBE HOOK when necessary for good power connection.

⑦ POWER INLET

Power supply goes from the A.C. adaptor to the POWER INLET.

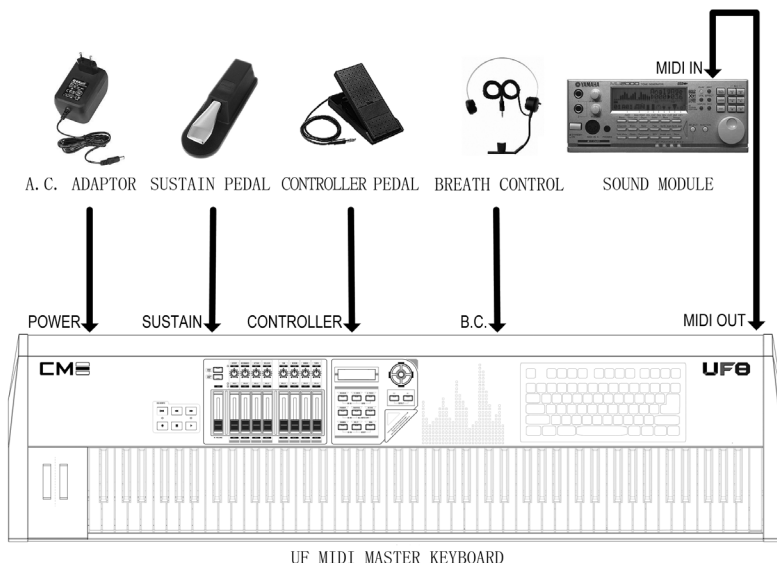
⑧ POWER SWITCH

POWER SWITCH is used to turn on or turn off the UF keyboard.

1.3 Connect UF to tone generators

Warning: Turn off all the devices before connection

- Connect UF to a tone generate then you can play



1.3.1 Connect UF MIDI OUT to tone generator MIDI IN via MIDI cable

1.3.2 Connect tone generator to speaker system, or use head-phone instead

1.3.3 Switch tone generator HOST SELECT to "MIDI" if there is a HOST SELECT in the tone generator

1.3.4 Plug AC adaptor's output connector to UF DC IN.

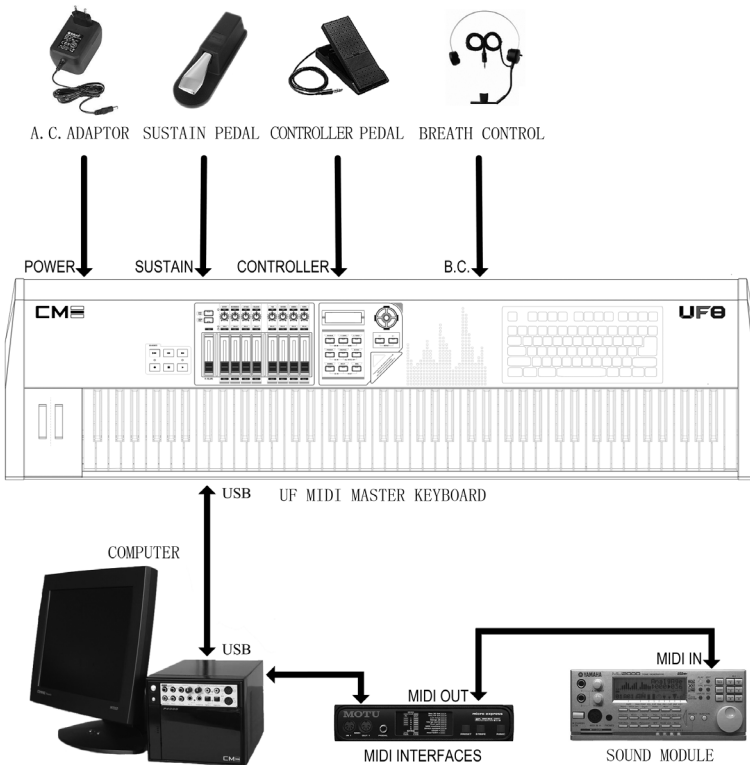
1.3.5 Please refer to the figure for connections with Sustain pedal

(included with UF8), Controller pedal, or Breath Controller(such as YAMAHA BC3).

1.3.6 Now you can play the tone generator with UF keyboard.

1.4 Add UF to computer music system

You can add UF keyboard to the computer music system, then you can use UF as the master MIDI keyboard of the system to play music as well as input other MIDI messages.



1.4.1 Connect UF USB port to your computer USB port via the USB cable supplied with the UF keyboard.

1.4.2 Install USB driver in the computer(See chapter 1.5)

1.4.3 Install then start your MIDI sequencer software and soft synthesizer (such as SampleTank).

1.4.4 Connect your audio out to the stereo system.

Hint:

You can also use MIDI cable to connect UF keyboard to computer music system via a MIDI interface, in this way you do not have to make USB connection, nor to install USB driver.

1.5 Driver installation

- 1.5.1 Connect UF to computer via USB cable
- 1.5.2 Power on the computer
- 1.5.3 Insert UF CD-ROM to computer
- 1.5.4 Follow instructions in the README file to finish the installation.

Hint:

When using USB cable to connect UF keyboard to computer music system, you must install the UF driver to the computer; otherwise the system will not accept the device.

2. Play the instrument**2.1 Turn on the instrument**

● You can find the Power switch in the rear panel. Make sure all the devices are properly connected before turn on the keyboard.

2.2 Play the demo song (DEMO)

● There is one demo song in the UF keyboard. You can play the demo song according to below steps:

2.2.1 Turn on UF keyboard, tone generator, and speaker system

2.2.2 Set proper volume for speaker system to avoid damage to your ear

2.2.3 Push "V.CURVE" and "A.TOUCH" on UF front panel at the same time to play the demo song. Push the two buttons again to stop.

2.3 Reset

● By using "Reset" function, you can restore the UF keyboard to its factory default settings. (Without "Reset", the keyboard always memorize its recent settings.)

2.3.1 Push "SPLIT" and "DUAL" on UF front panel at the same time and keep the buttons hold down for at least two seconds to acti-

vate reset function.

2.3.2 During the reset process, the LCD flashes until reset process is finished.

Hint:

Reset function will clear all of your settings to the keyboard!

2.4 Value adjustment and display

2.4.1 Data dial

● Please notice that for current selected function, the value will be displayed on LCD. When you rotate the Data dial, current value will be changed accordingly, and the LCD will display the new value.

2.4.2 DEC / INC button

● Please notice that for current selected function, the value will be displayed on LCD. When you push DEC/INC button, current value will be changed accordingly, and the LCD will display the new value.

Hint:

- 1.If you push and hold down the button for 0.5 second, the value will repeatedly decrease or increase.
- 2.If you push “DEC” and “INC” at the same time, current value will return to factory default.

2.4.3 LCD

● The LCD displays all the related information of the keyboard.

2.5 Select voice (PROGRAM)

● This button is used to change the voice of current channel.

2.5.1 After you push this button, LCD will display current voice number, then you can use Data dial or DEC/INC button to change the voice number. The new voice number will be displayed on the LCD.

Hints:

- 1.Voice number range is 0-127.
- 2.To change sound bank number, please use knob KN3, KN4 (Factory default knobs).

2.6 Pitch bend wheel

● By rotating the pitch bend wheel when playing the keyboard, you can change the current note pitch.

2.6.1 Pitch bend wheel sends PITCH BEND message.

2.7 Modulation wheel

● By rotating the Modulation wheel when playing the keyboard, you can add vibration to the sound.

2.7.1 Modulation wheel sends MIDI controller 1# message.

2.8 Adjust volume and customize faders

● You can use front panel faders to control volumes for each channel (to send MIDI controller 7# message to the channel).

● Before you adjust the volume, please notice the LED indicator for “FADER FUNC.” button:

This button will set the 9 faders to one of the three function sets below:

1, When no LED indicator lights, the 9 faders are used to control master volume and channel volume for channel 1 to channel 8.

2, When the upper LED indicator lights, the 9 faders are used to control master volume and channel volume for channel 9 to channel 16.

3, When the lower LED indicator lights, the 9 faders are used as assignable fader controllers (CS0-CS8).

Hints:

1. Make sure your tone generator meets or compatible with General MIDI specification 1.0, otherwise those faders do not work.

2. Some music software does not fully support the sysx for master volume, so please be careful using this function.

● Assign functions to faders:

1, Push and hold “FADER FUNC.” button, then move one of the faders that you wish assign function to, after that you can assign new controller number to the fader.

2, After new controller number is assigned, release “FADER FUNC.” button.

Hint:

For detail about assignable controllers, refer to appendix 5.1

When no LED lights for “FADER FUNC.” button, faders function list:

Function	M.Vol	Vol.1	Vol.2	Vol.3	Vol.4	Vol.5	Vol.6	Vol.7	Vol.8
Channel	ALL	1	2	3	4	5	6	7	8
Controller#	M.volume	7	7	7	7	7	7	7	7
Default	127	100	100	100	100	100	100	100	100
Value range	0-127	0-127	0-127	0-127	0-127	0-127	0-127	0-127	0-127

When upper LED lights for “FADER FUNC.” button, faders function list:

Function	M.Vol	Vol.9	Vol.10	Vol.11	Vol.12	Vol.13	Vol.14	Vol.15	Vol.16
Channel	ALL	9	10	11	12	13	14	15	16
Controller#	M.volume	7	7	7	7	7	7	7	7
Default	127	100	100	100	100	100	100	100	100
Value range	0-127	0-127	0-127	0-127	0-127	0-127	0-127	0-127	0-127

When lower LED lights for “FADER FUNC.” button, faders function list: (You can assign each faders to different controller #)

Function	CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8
Channel	-	-	-	-	-	-	-	-	-
Controller#	11	11	11	11	11	11	11	11	11
Default	127	127	127	127	127	127	127	127	127
Value range	0-127	0-127	0-127	0-127	0-127	0-127	0-127	0-127	0-127

2.9 Transpose (TRANPOSE)

● By using the transpose function, you can transpose the keyboard by semitones.

2.9.1 Push TRANPOSE button, then you can use Data dial or DEC/INC button to change the transpose value.

2.9.2 The default value for transpose is 00, and the value range is -12—12(One octave up or down).

2.10 Octave shift (OCTAVE)

● By using the octave shift function, you can transpose the keyboard by octaves.

2.10.1 Push OCTAVE button, then you can use Data dial or DEC/INC button to change the octave value.

2.10.2 The default value for octave is 00, and the value range is -3—3(three octaves up or down).

Hint:

If the shifted note exceeds MIDI key range, the exceeded note will not

make sound.

2.11 All notes off (ALL NOTES OFF)

● If the external tone generator produces weird voice (such as continuous long voice), you can push “TRANSPPOSE” and “OCTAVE” at the same time to send controller 123# to stop all the notes of the tone generator.

Hint:

If the tone generator does not support controller 123#, or the weird voice is caused by other reasons, this function may not work.

3. Advanced functions

3.1 Change MIDI channel (CHANNEL)

● Push CHANNEL button, then you can use Data dial or DEC/INC button to change the MIDI channel value to send MIDI messages.

3.1.1 The default value for MIDI channel is 01, and the value range is 01 — 16.

3.2 Edit voice and customize knobs (KNOB FUNC.)

● You can use front panel knobs to adjust the sound parameters for current channel.

● Before you adjust the volume, please notice the LED indicator for “KNOB FUNC.” button:

This button will set the 8 knobs to one of the two function sets below:

1、When the LED indicator does not light, the 8 knobs are used to control 8 upper functions (default).

2、When the LED indicator lights, the 8 knobs are used to control 8 lower functions.

Hint:

Make sure your tone generator meets or compatible with General MIDI specification 1.0, otherwise those faders do not work.

● Assign functions to knobs:

1、Push and hold “KNOB FUNC.” button, then rotate one of the knobs that you wish assign function to, after that you can assign new controller number to the knob.

2. After new controller number is assigned, release “KNOB FUNC.” button.

Hint:

For detail about assignable controllers, refer to appendix 5.1

When the LED indicator for “KNOB FUNC.” does not light, knobs function list:

Knob Func	CUTOFF	RESONANCE	ATTACK	RELEASE	PAN	REVERB	CHORUS	TEMPO
Controller#	74	71	73	72	10	91	93	-
Default	64	64	64	64	64	40	0	120
Value range	0-127	0-127	0-127	0-127	0-127	0-127	0-127	20-250

Hints:

- 1.If your external device does not support TEMPO message or is not set up properly, the TEMPO knob will not work.
- 2.The TEMPO range is 20-250.
- 3.When you rotate the TEMPO knob after you power on the keyboard, it will start sending MIDI timing clock. If you want to stop sending MIDI timing clock, please use “Reset” compound, or turn off the keyboard then turn it on.

When the LED indicator for “KNOB FUNC.” lights, knobs function list (You can assign each knobs to different controller #):

Knob Name	KN1	KN2	KN3	KN4	KN5, KN6, KN7, KN8
Knob Func	Expression	Breath	BANK MSB	BANK LSB	Expression
Controller#	11	2	0	32	11
Default	127	127	0	0	127
Value range	0-127		0-127	0-127	0-127 0-127

3.3 Send initializing sysx

3.3.1 Send GM on message (GM ON)

Push “DRAWBAR” and “V.CURVE” at the same time, the keyboard will send sysx for GM on (F0 7E 7F 09 01 F7).

By sending GM on message, you can make GM initializing for General MIDI compatible tone generators.

3.3.2 Send XG on message (XG ON)

Push “PROGRAM” and “TRANSPOSE” at the same time, the keyboard will send sysx for XG on (F0 43 10 4C 00 00 7E 00 F7).

By sending XG on message, you can make XG initializing for XG compatible tone generators.

3.3.3 Send GS on message (GS ON)

Push “CHANNEL” and “SPLIT” at the same time, the keyboard will send sysx for GS on (F0 41 10 42 12 40 00 7F 00 41 F7).

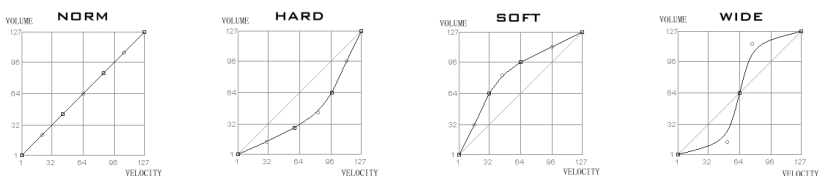
By sending GS on message, you can make GS initializing for GS compatible tone generators.

Hint:

Some music software may have problem with sysx, so please be careful using this function.

3.4 Adjust velocity curve (V.CURVE)

● V.CURVE button is used to adjust velocity response of the keyboard. You can choose from four preset velocity curves.



1、The default velocity curve is normal(NORM) with LCD display “0”, and the V.CURVE LED dose not light.

2、Push V.CURVE once, the LCD displays “1”, showing the keyboard velocity curve changes to 1(HARD), and the V.CURVE LED lights.

3、Push V.CURVE twice, the LCD displays “2”, showing the keyboard velocity curve changes to 2(SOFT), and the V.CURVE LED lights.

4、Push V.CURVE third times, the LCD displays “3”, showing the keyboard velocity curve changes to 3(WIDE), and the V.CURVE LED lights.

5、Push V.CURVE four times, the LCD displays “0”, showing the keyboard velocity curve changes back to default, and the V.CURVE LED does not light.

3.5 Split (SPLIT)

●By using the split function, you can split the UF keyboard to right section and left section, each section has its own channel and voice settings.

3.5.1 First you should set up voice and channel for the left section.

3.5.2 Push “SPLIT” button to activate split function, and the keyboard is split to two sections at key #F2(54), which is called the split point.

3.5.3 You can only adjust the voice and channel settings for the right section when split function is on.

3.5.4 To change the split point: push and hold “SPLIT” button, then press a key in the keyboard to indicate a new split point, the key number will be displayed on the LCD. Release “SPLIT” button when finished.

Hints:

1. When playing the keyboard, Pitch bend wheel, Modulation wheel, Sustain pedal, Controller pedal, Breath Control, etc... will work for both left and right section at the same time.

2. You cannot assign the left and right section to the same MIDI channel. When you turn on the split function, the keyboard will assign the next channel for the right section than the left section. However, you can change the MIDI channel after turning on the split function.

3. When SPLIT function is turned on, DUAL function will be automatically turned off. You cannot turn on DUAL function when SPLIT function is on.

3.6 Dual (DUAL)

● By using the dual function, you can select and play two different voices simultaneously.

3.6.1 Select and set the first voice.

3.6.2 Turn on the dual function by pushing “DUAL” button, then select and set the second voice. When you play the keyboard in dual mode, your performance message will be sent to two MIDI channels simultaneously. (The default MIDI channels for dual are channel 1 and 2).

Hints:

1. When playing the keyboard, Pitch bend wheel, Modulation wheel, Sustain pedal, Controller pedal, Breath Control, etc... will work for both the first and second voice at the same time.

2. You cannot assign the first and second voice to the same MIDI channel. When you turn on the dual function, the keyboard will assign the next chan-

nel for the second voice than the first voice. However, you can change the MIDI channel after turning on the dual function.

3. When SPLIT function is turned on, DUAL function will be automatically turned off. You cannot turn on DUAL function when SPLIT function is on.

3.7 After touch (A.TOUCH)

● A.TOUCH is the switch for the channel after touch function.

3.7.1 By pushing A.TOUCH button, you can turn on or off the after touch function of the keyboard, to allow or permit the after touch message from the keyboard.

Note: This function only works when the keyboard is powered by the AC Adapter.

3.8 Drawbar organ (DRAWBAR)

● With the drawbar organ function, you can use fader CS0-CS8 as drawbars to adjust organ voice.

3.8.1 When DRAWBAR function is on, fader CS0-CS8 work as below:

Fader func	CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8
Channel	Current	Current	Current	Current	Current	Current	Current	Current	Current
Organ bar	16'	5 1/3'	8'	4'	2 2/3'	2'	1 3/5'	1 1/3'	1'
Controller#	12	13	14	15	16	17	18	19	20
Default	64	64	64	64	64	64	64	64	64
Value range	127-0	127-0	127-0	127-0	127-0	127-0	127-0	127-0	127-0

Hint:

If you tone generator does not support drawbar organ mode, the drawbar function of the keyboard will not work.

4. Computer music system connection

4.1 Sequencer remote control

● There are 6 sequencer control buttons. When the UF keyboard is connected to a computer, you can use those buttons to send MIDI sync commands, to control PLAY, REC, F.F., REW etc... in the music software.

4.1.1 The 6 buttons are: Top, Rewind, Forward, Record, Stop, Play.

Hints:

1. Those functions need software support, and you must make the right setup in the software before you can use those buttons properly.

2.If you press one of the 6 buttons after the keyboard is powered on, the keyboard will start sending MTC(MIDI timing clock). To stop sending MTC, press "Reset" compound, or just turn off then turn on the keyboard.

3.When push the Record button, it will send sysx. Some music software does not fully support the sysx for Recording, so please be careful using this function.

4.2 Select MIDI route

●Press “CHANNEL” and “DUAL” at the same time, the current MIDI route status (code) will be displayed on the LED, then we can use DEC/INC button or the data dial to select the MIDI route by its status code.

Status	KB to USB	KB to MIDI out	KB to firewire	USB to MIDI out	USB to firewire
0	on	on	on	off	off
1	on	off	off	on	on

5. Appendix

5.1 Controller parameters list

Controller#	Function	Default	Value range
0	Bank Select MSB	0	0-127
1	Modulation MSB	0	0-127
2	Breath MSB	127	0-127
3	Controller	0	0-127
4	Foot Controller MSB	127	0-127
5	Portamento time MSB	0	0-127
6	Data Entry MSB	2	0-127
7	Channel Volume MSB	100	0-127
8	Balance MSB	64	0-127
9	Controller	0	0-127
10	Panpot MSB	64	0-127
11	Expression MSB	127	0-127
12	Effect Control MSB	0	0-127
13	Effect Control MSB	0	0-127
14-31	Controller	0	0-127
32	Bank Select LSB	0	0-127
33	Modulation LSB	0	0-127
34	Breath Control LSB	127	0-127
35	Controller	0	0-127
36	Foot Control LSB	127	0-127
37	Porta Time LSB	0	0-127

38	Data Entry LSB	0	0-127
39	Channel Volume LSB	127	0-127
40	Balance LSB	64	0-127
41	Controller	0	0-127
42	Pan LSB	64	0-127
43	Expression LSB	127	0-127
44-63	Controller	0	0-127
64	Sustain	0	0-127
65	Portamento	0	0-127
66	Sostenuto	0	0-127
67	Soft Pedal	0	0-127
68	Legato FootSwitch	0	0-127
69	Hold 2	0	0-127
70	Sound Controller	64	0-127
71	Resonance	64	0-127
72	Release Time	64	0-127
73	Attack Time	64	0-127
74	Cutoff	64	0-127
75	Decay Time	0	0-127
76	Vibrato Rate	64	0-127
77	Vibrato Depth	64	0-127
78	Vibrato Delay	64	0-127
79	Sound Controller	64	0-127
80-83	Controller	0	0-127
84	Portamento Control	0	0-127
85-90	Controller	0	0-127
91	Reverb	40	0-127
92	Effects	0	0-127
93	Chorus	0	0-127
94	Effects	0	0-127
95	Effects	0	0-127
96	RPN Increment	0	0-127
97	RPN Decrement	0	0-127
98	NRPN LSB	0	0-127
99	NRPN MSB	0	0-127
100	RPN LSB	0	0-127
101	RPN MSB	0	0-127
102-119	Controller	0	0-127
120	All Sound Off	0	0-127
121	Reset All Controllers	0	0-127
122	Local Controller	0	0-127
123	All Notes Off	0	0-127
124	OMNI Off	0	0-127
125	OMNI On	0	0-127
126	Mono	0	0-127
127	Poly	0	0-127

5.2 Troubleshooting

Trouble	Possible reasons and action to solve
After turning on the power switch, the keyboard is not powered on	1. Make sure you have connect the keyboard to its AC adaptor with proper AC supply 2. If the power is supplied via host USB, please check the USB connection, and make sure that the host computer is turned on.
No sound when playing the UF keyboard	1. There is no tone generator in the UF keyboard. To make sound, you can connect the UF keyboard to an external tone generator, or you can also use optional Fireware expansion board with computer software synthesizer 2. Check the volume settings of the tone generator and speaker system 3. Check the MIDI connection (1.3) 4. Check Master Volume Fader (2.8) 5. Check Channel Volume Faders (2.8) 6. Check Channel Expression Knobs (3.2) 7. Check the attack time of the filter (3.2) 8. Make sure you have the right settings in you music software. 9. Check the MIDI route in your UF keyboard. (4.2) 10. Check the Controller Pedal position (1.2)
Continuous long sound	1. Check Sustain pedal 2. Check the release time of the filter (3.2). 3. Use All notes off (2.11) or Reset (3.3).
Improper voice	Tone generator not set properly, please Initialize (3.3) or Reset (2.3)
Wrong pitch	Check Transpose or Octave function of the keyboard (2.9, 2.10).
SEQ Remote buttons do not work	Make sure your sequencer software support this function with the right settings (Refer to the Sync section of your software manual)
Cannot adjust Tempo	Make sure your sequencer software support this function with the right settings (Refer to the Sync section of your software manual)
Some functions do not work	It is possible that your tone generator or music software dose not support those functions
You hear two sounds when playing one key	Check DUAL function of the keyboard (3.6).
Cannot select voice	Read the data list of your tone generator for voice select detail, and properly set the tone BANK controller 0&32 (3.2).

5.3 Specifications

Keyboard

- UF5: 49 key keyboard (C1-C5), (Initial Touch/After touch)
- UF6: 61 key keyboard (C1-C6), (Initial Touch/After touch)
- UF7: 76 key keyboard (A-1-C6), (Initial Touch/After touch)
- UF8: 88 keys (A-1 - C7), Hammer Effect Keyboard (Initial Touch/After touch)

Functions

- Basic: Octave Shift (-3 - +3 octaves), Pitch Bend Wheel, Modulation Wheel
- MIDI Data: Sequencer control, MIDI clock, Bank Select, Program Change, GM System On, GS System on, XG System On, Control Change, All Notes Off, and others
- Assignable Parameters: Transpose (± 12 semitones), MIDI Transmit Channel, Velocity Curve(Touch Sensitivity)

Panel Controls and Indicators

- SEQ REMOTE buttons, 8 Assignable knobs, 8 Assignable faders, Assignable Master volume slider, Knob function switch, Fader function switch, LED lamps, 9 Function buttons (Drawbar, Velocity curve, After touch, Program change, Transpose, Octave, Channel, Split, Dual), Data dial, Inc/Dec button.

Display

- 8 segment, 3 digit

Input/Output Terminals

- MIDI OUT, SUSTAIN Pedal, CONTROLLER Pedal, assignable B.C. (Breath Control), USB port, Cable hook, DC in, Power switch

Expandability:

- Ready for UF400e Firewire (IEEE 1394) expansion card (Optional)

Power Supply

- AC Power Adaptor included (When used separately.)
- Power can be supplied via USB port (when connected to computer via

USB)

Dimensions (W x D x H) and weights

- UF5: 859 x 348 x 113 mm, 8.2 kg
- UF6: 1022 x 348 x 113 mm, 9.8 kg
- UF7: 1232 x 348 x 113 mm, 11.8 kg
- UF8: 1408 x 372 x 150 mm, 23.5 kg

* Specifications and appearance are subject to change without notice.

5.4 MIDI Implementation Chart

Model: UF 5/6/7/8

Version: 1.0

Function		Transmitted	Recognized
Basic	Default	1-16	X
Channel	Changed	1-16	X
	Default		X
Mode	Messages	X	X
	Altered	*****	
Note		0-127 X	
Number:	True voice	*****	
Velocity	Note ON	○ v=0-127	X
	Note OFF	X	X
Aftertouch	Key's	X	X
	Ch's	○	X
Pitch Bend		○	X
Control Change		0-127	X
Prog		0-127	X
Change:	True #	*****	
System Exclusive		○	○
System	:Clock	○	X
Real Time	:Commands	○	
System	Song position	○	X
command			
Aux	Active Sense	○	X
Messages			

○: Yes X: No

5.5 Index

Name	Description	Chapter
1394(IEEE1394)	Fireware port	5.3
A.TOUCH	Channel after touch	3.7
ALL NOTES OFF	All notes off	2.11
B.C.	Breath Control	1.2
CHANNEL	Channel	3.1
CONTROLLER Pedal	Controller pedal	1.2
CS1-CS8	Assignable faders	2.8
DATADIAL	Data dial	1.1
DEC & INC	Decrease or increase the value	1.1
DEMO	Demo song	2.2
DRAWBAR	Drawbar organ	3.8
DUAL	Dual voices	3.6
FADER FUNC.	Fader functions select	2.8
FORWARD	Fast forward	4.1
GM ON	GM on system exclusive message	3.3
GS ON	GS on system exclusive message	3.3
KN1-KN8	Assignable knobs	3.2
KNOB FUNC.	Knob functions select	3.2
LED	LED display	1.1
MIDI OUT	MIDI out	1.2
MODULATION	Modulation wheel	2.7
OCTAVE	Octave shift	2.10
PITCH BEND	Pitch bend wheel	2.6
PLAY	Play	4.1
POWER	Power inlet	1.2
POWER ON/OFF	Power switch	1.2
PROGRAM	Voice select	2.5
RECORD	Record	4.1
RESET	Reset	2.3
REWIND	Rewind	4.1
SPLIT	Keyboard split	3.5
STOP	Stop	4.1
SUSTAIN PEDAL	Sustain pedal	1.2
TOP	Go to song start	4.1
TRANSPOSE	Transpose	2.9
USB	USB port	1.2
V.CURVE	Velocity curve	3.4
XG ON	XG on system exclusive message	3.3

Trade marks:

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UF is the registered trade mark of Central Music Co.
XG is the registered trade mark of YAMAHA corporation
GS is the registered trade mark of Roland corporation
GM is the registered trade mark of AMEI.
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Limited warranty:

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For the products with defect found, the user should send the product back to Central Music Co within the warranty period with shipment cost paid; Central Music Co will repair or replace the defective products for free. When sending the products, the user must use the package box supplied or confirmed by Central Music Co, otherwise the warranty will be invalid. For the shipment cost, the user covers the shipment cost from its place to Central Music Co, and Central Music Co covers the shipment cost from Central Music Co back to the user. Please contact Central Music Co (Tel: 8610-8580 1115) in case you need warranty service, and you need to provide with product serial number and your purchase warrant (invoice or receipt). Any modification or appendix to the warranty must be confirmed by Central Music Co or its dealer or agent before it becomes valid.

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Abuse or improper use and damage caused by that
Any damage caused by other device or system
Any damage caused by modification or repair not confirmed by Central Music Co
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Product website:

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Company information:

Central Music Co.
Beijing: 8610-85801115
Guangzhou: 8620-81338963
Hongkong: 852-24247368
Website: www.centrmus.com