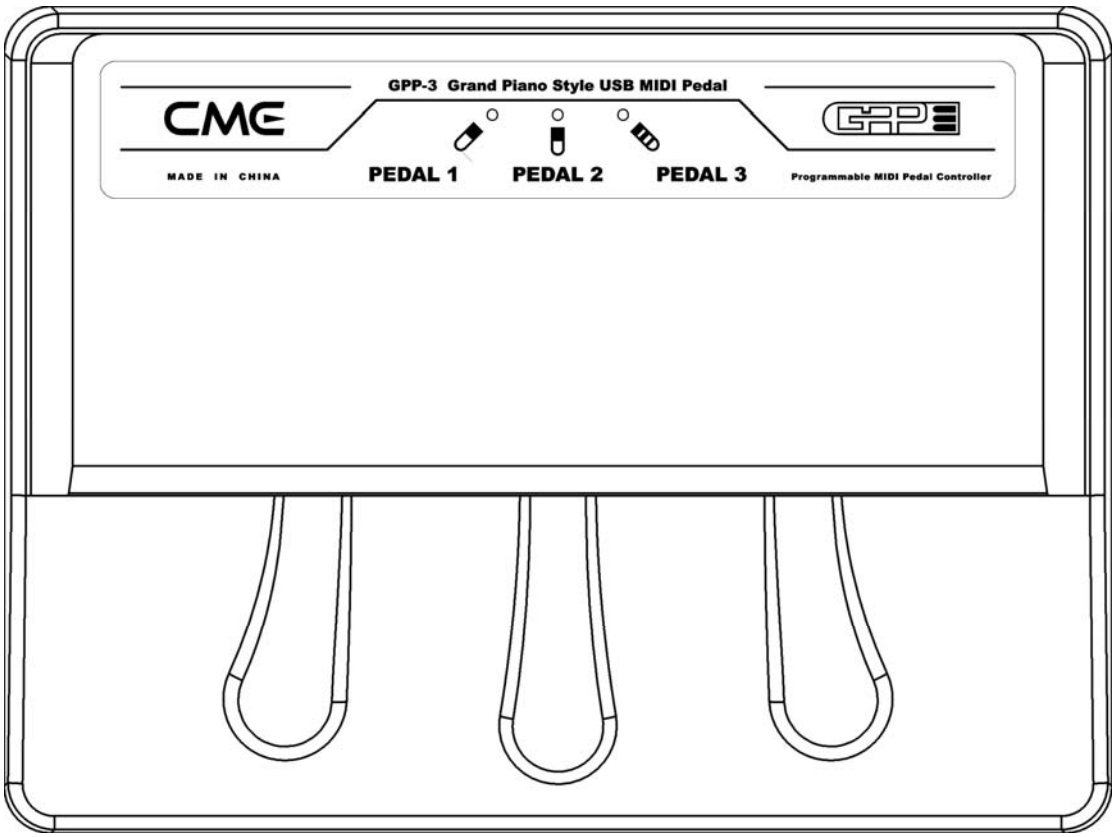
USB Programmable Grand Piano Style MIDI Pedal User's Manual

Model：**GPP-3**

Read "Precautions" on page 5 before use



Please ready this manual carefully before use.
Please keep this manual for reference.

Thank you for choosing CME GPP-3 — USB Programmable Grand Piano Style MIDI Pedal

Please keep all the important information here

Attach your invoice or receipt here

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for reference

Purchase date	Serial(on the back of the product)
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 GPP-3 package:

- The GPP-3 product 1 pcs
- USB cable 1 pcs
- User's manual 1 pcs

Special Message Section

This product utilizes batteries or an external power supply (adapter). Do NOT connect this product to any power supply or adapter other than the one described in the manual, on the product, or specifically recommended by CME.

WARNING: Do not place this product in a position where anyone could walk on, trip over, or roll anything over the power or the connecting cords of any kind. The use of an extension cord is not recommended! If you must use an extension cord, make sure that the cord has the ability to handle the maximum current needed by this product. Please consult a local electrician when possible.

This product should be used only with the components supplied or recommended by CME. When used with any components, please observe all safety markings and instructions that accompany the accessory product.

SPECIFICATIONS SUBJECT TO CHANGE:

The information contained in this manual is believed to be correct at the time of printing. However, CME reserves the right to change or modify any of the specifications, without notice or obligation to update existing units.

This product, either alone or in combination with an amplifier and headphones or speaker(s), may be capable of producing sound levels that could cause permanent hearing loss. Do NOT operate for long periods of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

IMPORTANT: The louder the sound, the shorter the time period before damage occurs.

Some CME products may have stands and/or accessory mounting fixtures that are either supplied with the product or as optional accessories. Some of these items are designed to be dealer assembled or installed. Please make sure that stands are stable and any optional fixtures (where applicable) are well secured BEFORE using.

Stands supplied by CME are designed for the respective products only. No other uses are recommended.

NOTICE:

Service charges, incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed), are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service.

ENVIRONMENTAL ISSUES:

CME strives to produce products that are both user safe and environment friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals. In keeping with both the letter and the spirit of the law, we want you to be aware of the following:

Battery Notice:

This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

This product may also use "household" type batteries. Some of these may be rechargeable. Make sure that the battery being charged is a rechargeable type and that the charger is intended for the battery being charged.

When installing batteries, do not mix batteries with new ones, or with batteries of different types. Batteries MUST be installed correctly. Mismatches of incorrect installation may result in overheating and battery case rupture.

Warning:

Do not attempt to disassemble, or incinerate any battery. Keep all batteries away from children. Dispose the used batteries promptly and as regulated by the laws in your area. Note: Check with any retailer of household type batteries, in your area, for battery disposal information.

Disposal Notice:

Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc. If your dealer is unable to assist you, please contact CME directly.

FCC INFORMATION (U.S.A)

1. **IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!**
   This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by CME may void your authority, granted by the FCC, to use the product.
2. **IMPORTANT:** When connecting this product to accessories and/or another products use only high quality shielded cables. Cable(s) supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.
3. **NOTE:** This product has been tested and found to comply with the limits for a Class B Digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interferences in a residential environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used according to the instructions found in the users manual, may cause interferences, harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interferences will not occur in all installations. If this product is found to be the source of interferences, which can be determined by turning the unit “OFF” and “ON”, please try to eliminate the problems by using one of the following measures:

   Relocate either this product or the device that is being affected by the interferences.

   Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter(s).

   In the case of radio or TV interferences, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

   If these corrective measures do not produce satisfying results, please contact the local retailer, authorized to distribute this type of product. If you cannot locate the appropriate retailer, please contact CME.

The above statements apply ONLY to those products distributed in the USA.

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 and dry cloth. Do not use gasoline, alcohol, acetone, turps or any other organic solutions; do not use liquid cleaner, spray cleaner or too wet cloth.
4. Do not use the instrument near water or moisture, such as bathtub, washbasin, washing poor 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 of 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. 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 trip over it.
8. Do not overload the outlet and the AC cable to avoid fire or electrical shock.
9. Do not insert anything in the instrument, which may cause fire or electrical shock. Do not splash any kind of liquid to the instrument.
10. Do not disassemble the instrument in case of accidental electrical shock.
11. Always take the instrument to a 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.
12. Unplug all the connectors and take the instrument to a qualified service center if anything in the below listed 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 the trouble shootings.
    E. The instrument falls down or gets broken.
    F. The instrument functions poorly.
13. Do not use the instrument when thundering; otherwise the thundering may cause long-distance electrical shock.
14. Do not use the instrument when there is a 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 a moist place, except for that the outlet is specially designed for moist places.

When the power cord is connected to the AC outlet, do not touch the naked part of the cord or the 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 sources, such as fluorescent light and electrical motors.
- Keep the instrument away from dust, heat and vibration.
- Do not expose the instrument to sunlight.
- Do not place heavy objects on the instrument; do not place containers with liquid on the instrument.
- Do not touch the connectors with wet hands
- Central Music Co. is not responsible for any damage or data loss caused by improper operation to the instrument.
- All the pictures and the LED display in the manual are used for demonstration; they may be different from the real instrument.

Features

- 3 pedals in Grand piano style with an elegant and stable wood base
- With a built-in CPU, the three pedals are assignable to any MIDI controller
- USB port, MIDI out port and standard pedal ports
- Automatically memorizes and stores the settings, even after power off
- 3 LEDs for MIDI activities
- Switchable polarity and fine tuning for flexible connectivity
- Windows XP/MAC OS X USB MIDI class-compliant
- USB bus power and DC in
- Firmware upgradeable via USB

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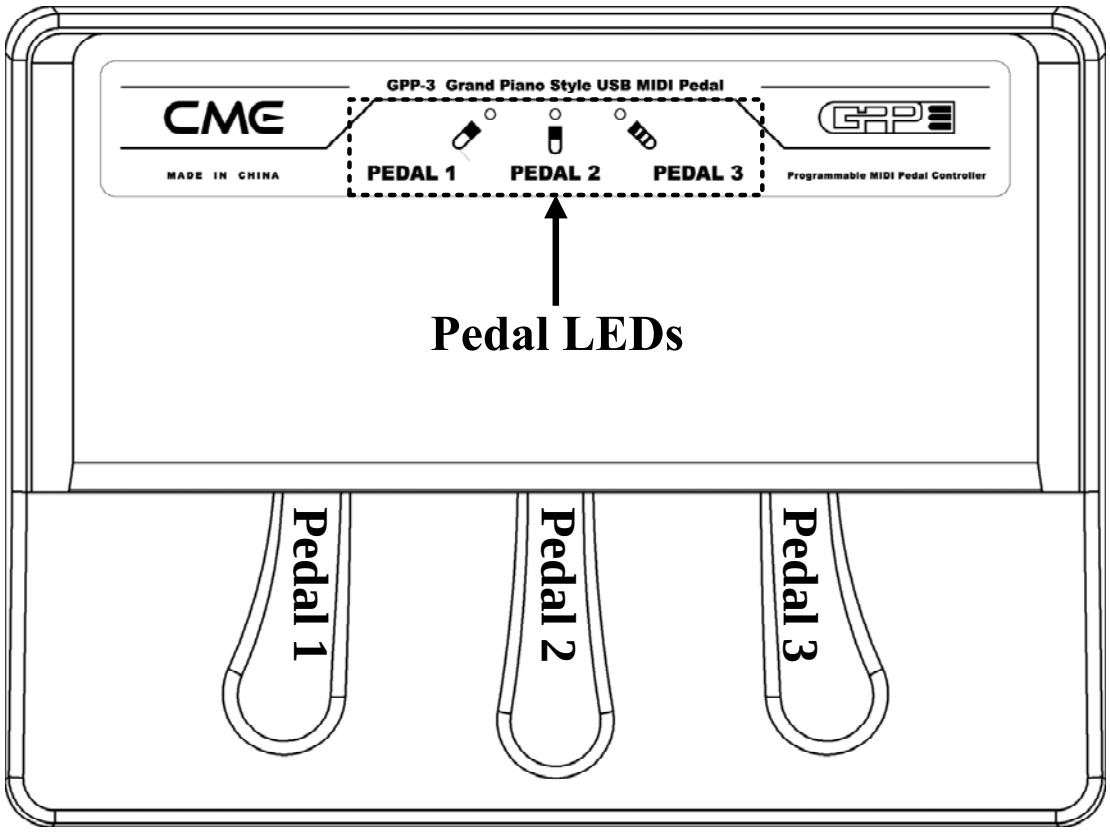
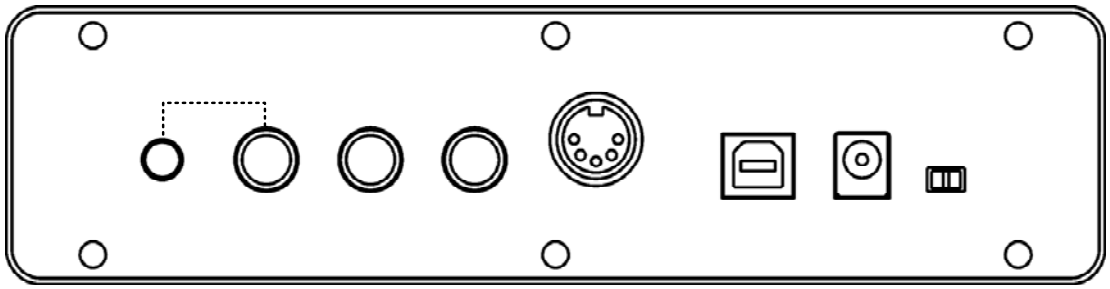
1 General view

1.1 Front panel



1.2 Rear panel

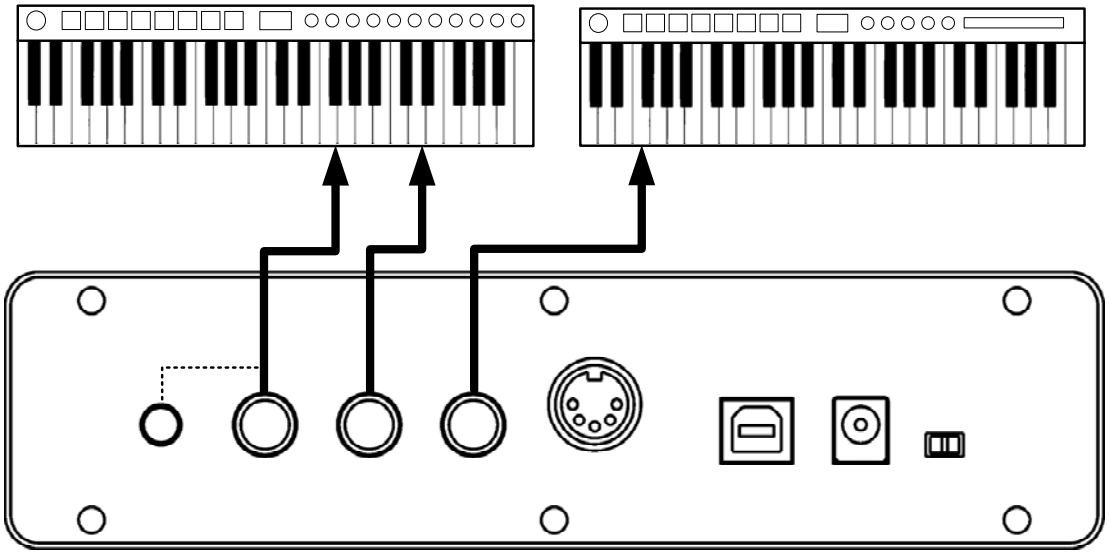


2 Connection

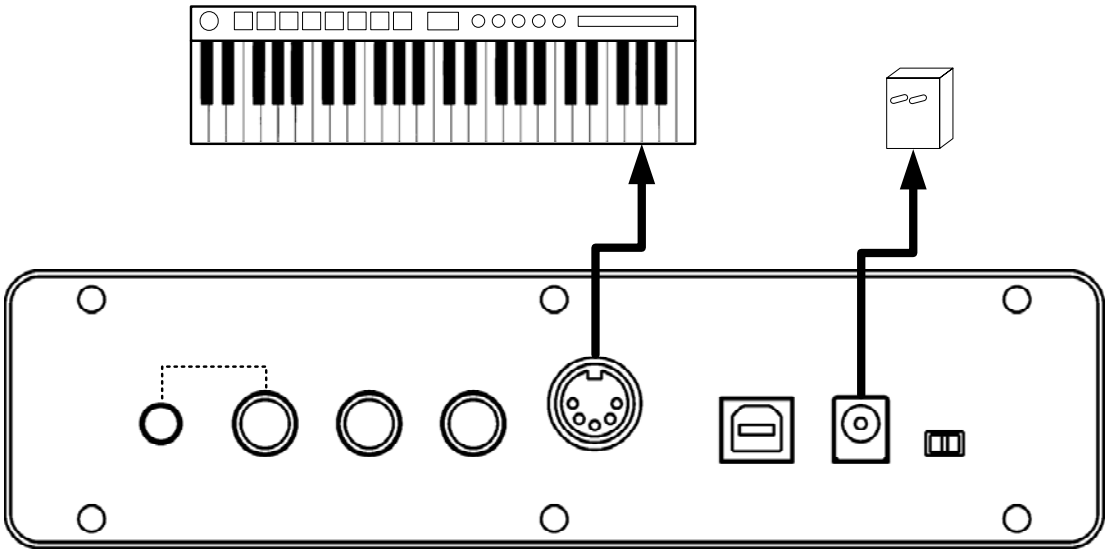
- ON/OFF： You can use the power switch to power on/off this product.

- DC： You can use the DC port to connect an AC adaptor.
- USB： You can use the USB port for computer connection.
- MIDI OUT： You can connect the MIDI OUT port to the MIDI IN port of another MIDI device.
- PEDAL 1-3：You can connect the Pedal 1-3 output to the pedal in jacks of your instruments.
- TRIM.： This is the fine tuning knob for PEDAL 3.

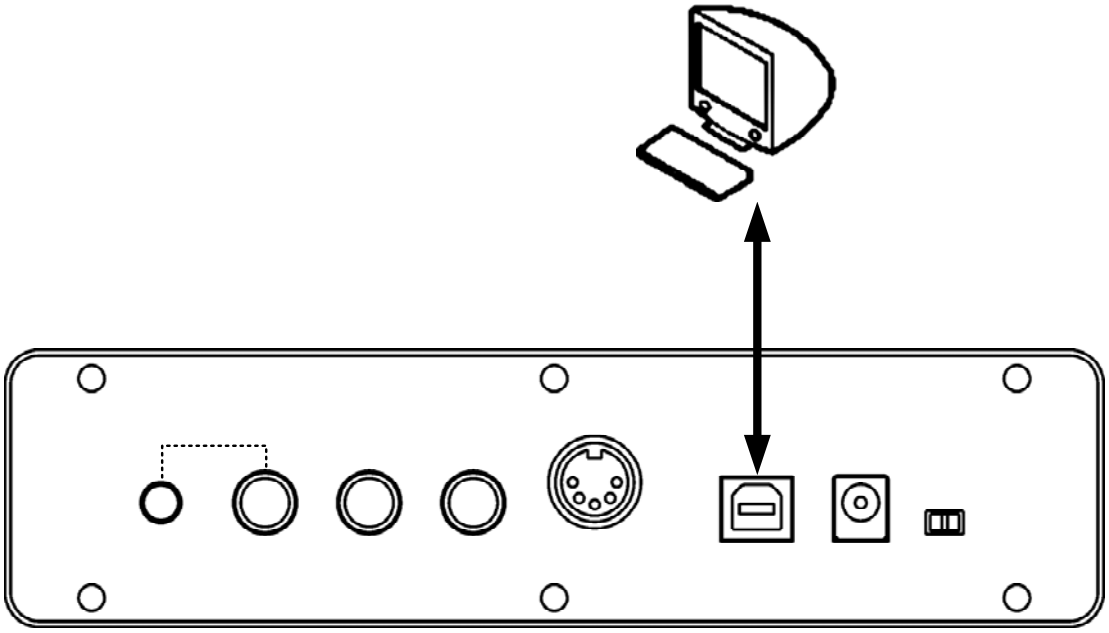
2.1 PEDAL out ports



2.2 MIDI OUT port



2.3 USB port



- GPP-3 is an USB MIDI class compliant product; you do not have to install a separate device driver on WINDOWS XP/MAC OS X.
- When you connect the GPP-3 to your computer via the USB port, the OS will automatically install the device driver, and show the installed device driver as “USB Audio Device”.

3 Operation

3.1 Power on

- You can supply the power via the USB port or an AC adaptor, then switch on the product. After that you can use the product to send out MIDI message through the MIDI OUT or the USB port.
- If you would like to use PEDAL 1-3 only, there is no need to supply power to the product.
- The AC adaptor is optional. Please do not use an AC adaptor, other then the optional one, to avoid possible damage to the product.
- When powered on, the pedal LEDs are off by default.

TRIM. PEDAL 3 PEDAL 2 PEDAL

3.2 Pedal Outs

- Please use cables, with the right connectors, as below:

Pedal out port	Pedal type	Connector type
PEDAL 1	Switch	TS
PEDAL 2	Switch	TS
PEDAL 3	Continuous	TRS

3.3 MIDI OUT

- Please connect the MIDI OUT port to the MIDI IN port of another MIDI device.
- Power supply via USB or AC adaptor is necessary when using MIDI OUT port.
- Each time when a pedal is depressed, the corresponded LED will flash.
- Please do not use a MIDI cable which is more than 5 meters long to avoid data delay or loss.
- By default, the product will send following MIDI messages from the MIDI OUT port:

Pedal	Controller #	Controller type
PEDAL 1	CC#67	Pedal (soft)
PEDAL 2	CC#66	Pedal (sostenuto)
PEDAL 3	CC#64	Pedal (sustain)

3.4 USB Out

- When the USB connection is made, the power can be supplied via USB only.
- This product is Windows XP/MAC OS X USB MIDI class-compliant.
- Each time when a pedal is depressed, the corresponded LED will flash.
- By default, the product will send following MIDI messages from the USB port:

Pedal	Controller #	Controller type
PEDAL 1	CC#67	Pedal (soft)
PEDAL 2	CC#66	Pedal (sostenuto)
PEDAL 3	CC#64	Pedal (sustain)

3.5 Reset

- To reset the product, please depress all the three pedals, then power on the

product. The 3 pedals will flash for 5 times, then the reset operation is completed.

- The reset operation will clear all the settings, you have made to the product.

4 Settings

4.1 Polarity

- If you find a pedal is working in the reverse way, please change its polarity setting.
- Please depress the pedal you want to change, and power on the product, then the pedal polarity is changed.

4.2 Range

- You can adjust the data range of PEDAL3 .
- To adjust the data range, please use the fine tuning knob（TRIM.）.

4.3 Assign Controller#

- By assigning a controller#, you can change the sent out MIDI messages of a pedal, for the MIDI OUT and the USB port.
- Follow the below steps to assign a controller#:
  I. After you power on the product, depress all the three pedals for 3 seconds. Then the 3 LEDs flash slowly to show, that the product is ready for assigning controller#.
  II. Depress one of the three pedals, to select the pedal you want to assign. Now only the corresponded LED flashes slowly, the other two LEDs go off.
  III. Depress the three pedals in turn, to assign the controller#. Use PEDAL1 to change the hundred digit, use PEDAL2 to change the tenth digit, use PEDAL3 to change the most right digit. As you depress the pedal, the digit will increase by one from 0-9, and the corresponded LED will flash once.
- Please refer to《Controller list》in a later chapter.
- If no pedal is depressed for 3 seconds, after you entered the controller#

assigning mode for a pedal, then the controller# will not be changed and you will enter the MIDI channel assigning mode.

4.4 Assign MIDI Channel

- By assigning a MIDI channel, you can change the sent out MIDI messages of a pedal for the MIDI OUT and the USB port.
- Follow the below steps to assign the MIDI channel:
  I. After you finished the controller# assigning for a pedal and no pedal is depressed for 3 seconds, you will enter the MIDI channel assigning mode for the same pedal, that the LED is on.
  II. Depress the pedal that you want to assign the MIDI channel for. Each time you depress the pedal, the MIDI channel value will increase by one from 0-15, which means channel 1-16, and the corresponded LED will flash once.
  III. If no pedal is depressed for 3 seconds, the product will save the new settings and return to the normal power on mode.

5 Controller list

Controller#	Controller name	Data type	Data range
0	Bank Select	Controller	0-127
1	Modulation wheel	Controller	0-127
2	Breath control	Controller	0-127
3	Undefined	Controller	0-127
4	Foot controller	Controller	0-127
5	Portamento time	Controller	0-127
6	Data Entry	Controller	0-127
7	Channel Volume	Controller	0-127
8	Balance	Controller	0-127
9	Undefined	Controller	0-127
10	Pan	Controller	0-127
11	Expression	Controller	0-127
12	Effect control 1	Controller	0-127
13	Effect control 2	Controller	0-127
14	Undefined	Controller	0-127
15	Undefined	Controller	0-127
16	General Purpose #1	Controller	0-127
17	General Purpose #2	Controller	0-127
18	General Purpose #3	Controller	0-127
19	General Purpose #4	Controller	0-127
20	Undefined	Controller	0-127
21	Undefined	Controller	0-127
22	Undefined	Controller	0-127
23	Undefined	Controller	0-127
24	Undefined	Controller	0-127
25	Undefined	Controller	0-127
26	Undefined	Controller	0-127
27	Undefined	Controller	0-127
28	Undefined	Controller	0-127
29	Undefined	Controller	0-127
30	Undefined	Controller	0-127
31	Undefined	Controller	0-127
32	Bank Select	Controller	0-127
33	Modulation wheel	Controller	0-127
34	Breath control	Controller	0-127
35	Undefined	Controller	0-127
36	Foot controller	Controller	0-127
37	Portamento time	Controller	0-127
38	Data entry	Controller	0-127
39	Channel Volume	Controller	0-127
40	Balance	Controller	0-127
41	Undefined	Controller	0-127
42	Pan	Controller	0-127

Controller#	Controller name	Data type	Data range
43	Expression	Controller	0-127
44	Effect control 1	Controller	0-127
45	Effect control 2	Controller	0-127
46	Undefined	Controller	0-127
47	Undefined	Controller	0-127
48	General Purpose #1	Controller	0-127
49	General Purpose #2	Controller	0-127
50	General Purpose #3	Controller	0-127
51	General Purpose #4	Controller	0-127
52	Undefined	Controller	0-127
53	Undefined	Controller	0-127
54	Undefined	Controller	0-127
55	Undefined	Controller	0-127
56	Undefined	Controller	0-127
57	Undefined	Controller	0-127
58	Undefined	Controller	0-127
59	Undefined	Controller	0-127
60	Undefined	Controller	0-127
61	Undefined	Controller	0-127
62	Undefined	Controller	0-127
63	Undefined	Controller	0-127
64	Damper pedal	Controller	0-127
65	Portamento on/off	Controller	0-127
66	Sustenuto on/off	Controller	0-127
67	Soft pedal on/off	Controller	0-127
68	Legato Footswitch	Controller	0-127
69	Hold 2	Controller	0-127
70	Sound Variation	Controller	0-127
71	Timbre/Harmonic Intens.	Controller	0-127
72	Release Time	Controller	0-127
73	Attack Time	Controller	0-127
74	Brightness	Controller	0-127
75	Decay Time	Controller	0-127
76	Vibrato Rate)	Controller	0-127
77	Vibrato Depth	Controller	0-127
78	Vibrato Delay	Controller	0-127
79	Sound Cont.	Controller	0-127
80	General Purpose #5	Controller	0-127
81	General Purpose #6	Controller	0-127
82	General Purpose #7	Controller	0-127
83	General Purpose #8	Controller	0-127
84	Portamento Control	Controller	0-127
85	Undefined	Controller	0-127
86	Undefined	Controller	0-127
87	Undefined	Controller	0-127
88	Undefined	Controller	0-127
89	Undefined	Controller	0-127

Controller#	Controller name	Data type	Data range
90	Undefined	Controller	0-127
91	Reverb Send Level	Controller	0-127
92	Tremolo Depth	Controller	0-127
93	Chorus Send Level	Controller	0-127
94	Celeste/Detune Depth	Controller	0-127
95	Phaser Depth	Controller	0-127
96	Data entry +1	Controller	0-127
97	Data entry -1	Controller	0-127
98	NRPN LSB	Controller	0-127
99	NRPN MSB	Controller	0-127
100	RPN LSB	Controller	0-127
101	RPN MSB	Controller	0-127
102	Undefined	Controller	0-127
103	Undefined	Controller	0-127
104	Undefined	Controller	0-127
105	Undefined	Controller	0-127
106	Undefined	Controller	0-127
107	Undefined	Controller	0-127
108	Undefined	Controller	0-127
109	Undefined	Controller	0-127
110	Undefined	Controller	0-127
111	Undefined	Controller	0-127
112	Undefined	Controller	0-127
113	Undefined	Controller	0-127
114	Undefined	Controller	0-127
115	Undefined	Controller	0-127
116	Undefined	Controller	0-127
117	Undefined	Controller	0-127
118	Undefined	Controller	0-127
119	Undefined	Controller	0-127
120	All Sound Off	Controller	0-127
121	Reset All Controllers	Controller	0-127
122	Local control on/off	Controller	0-127
123	All notes off	Controller	0-127
124	Omni mode off	Controller	0-127
125	Omni mode on	Controller	0-127
126	Poly mode off	Controller	0-127
127	Poly mode on	Controller	0-127

6 Firmware upgrade

- You can upgrade the firmware of GPP-3 via an USB connection, by using the upgrade program.
- To enter the upgrade mode, please depress both PEDAL1 and PEDAL3. Now power on the product.
- You can find the upgrade program and the instructions on the CME web site.（http://www.cme-pro.com）.

7 Specifications

- Pedal
  - ✧ 3 pedals including two switch pedals and one continuous pedal.

- Functions
  - ✧ Basic functions: switch data and continuous data.
  - ✧ MIDI data sent: Controller# change.
  - ✧ Parameter change: MIDI send channel and MIDI controller type.

- Panel Controls and Indicators
  - ✧ 3 LED indicators

- Input/Output Terminals
  - ✧ MIDI OUT, PEDAL out 1－3, USB port, DC IN port，POWER switch.

- Power Supply
  - ✧ Power can be supplied via USB port (when connected to computer via USB)
  - ✧ Power can also be supplied via AC Power Adaptor (When used separately.)
  - ✧ AC Power Adaptor requirement: 9V 500mA

- Dimensions (W x D x H)
  - ✧ GPP-3：373*278*97.5（mm）

- Weight : 4 kg

* Specifications and appearance are subject to change without notice.

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