

THE GODFATHER®

CREATIVE MULTI CHANNEL AUDIO PROCESSOR



USER GUIDE

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The GodFather

The GodFather is the first creative multichannel audio processor designed to inspire. Its secret is a unique combination of manipulation parameters that will make you definitively abandon the conventional mixing concepts and immediately improve your creative skills.

In addition to the complex mixing functions like COMPRESSOR, SIDECHAIN, SHAPE EQ, PAN, STEREO WIDTH, GAIN STAGING, it provides a killer section of INDEPENDENT EFFECTS FOR EACH OF THE 4-INPUT CHANNELS

Important Safety Rules

1. Read these instructions.
2. Pay attention to any warnings.
3. Follow all instructions.
4. Do not use the unit near water.
5. Clean only with a dry cloth.
6. Carry out the installation following the instructions provided by the manufacturer.
7. Do not install the unit near heat sources, such as heaters, stoves or other devices capable of producing heat (including amplifiers).
8. Disconnect the unit during heavy storms or long periods of non-use.
9. Any repairs must be carried out by qualified technical personnel. Assistance is required when the unit is damaged in any way (for example: liquid or objects have fallen into the unit, the unit has been exposed to moisture or rain, the unit does not work correctly or has fallen).
10. Never hit or press excessively on the display.
11. The contents of the memory can be irreparably lost due to malfunctions, or due to incorrect use of the unit. Enjoy Lab assumes no responsibility for the loss of stored content (presets / settings) which may be lost.

Caution

Any changes and/or modifications not expressly approved in this manual may void your authority in operating with the equipment.

Assistance

Each technical intervention must be carried out by qualified personnel only.

Warning

To reduce the risk of fire or electric shock, do not expose the unit to dripping or splashing of any kind of liquid and make sure that there are no objects containing liquids, such as vases or glasses, placed on it.
Do not install in limited spaces.

Positioning

Depending on the material and temperature of the surface you place the unit on, the rubber feet may discolor or stain the surface.

Installation

Stand Alone

Turn off all peripherals before making any connections.
After making all the connections, be sure to turn on the audio sources plugged in first, then The GodFather and then all the rest of the equipment (mixers, amplifiers, speakers).
Failure to observe this order could cause malfunction or failure.

There is no power switch on your The Godfather. Once connected to the power supply, the unit is On.
Be sure to use only the AC adapter supplied with the unit.

Eurorack

USING The GodFather AS A EURORACK MODULE

The GodFather can be removed from its case and installed into a Eurorack system as a 60HP module.
Before doing this, it is important to note that The GodFather draws a maximum of 900mA from a +12V rail due to the many LEDs available on the panel.
It is possible to reduce power consumption to 350mA by excluding the LED section by removing jumper J2 before installation in the RACK.

It does not use the -12V rail at all. Make sure there is enough headroom on the +12V rail in your system to power the Godfather.

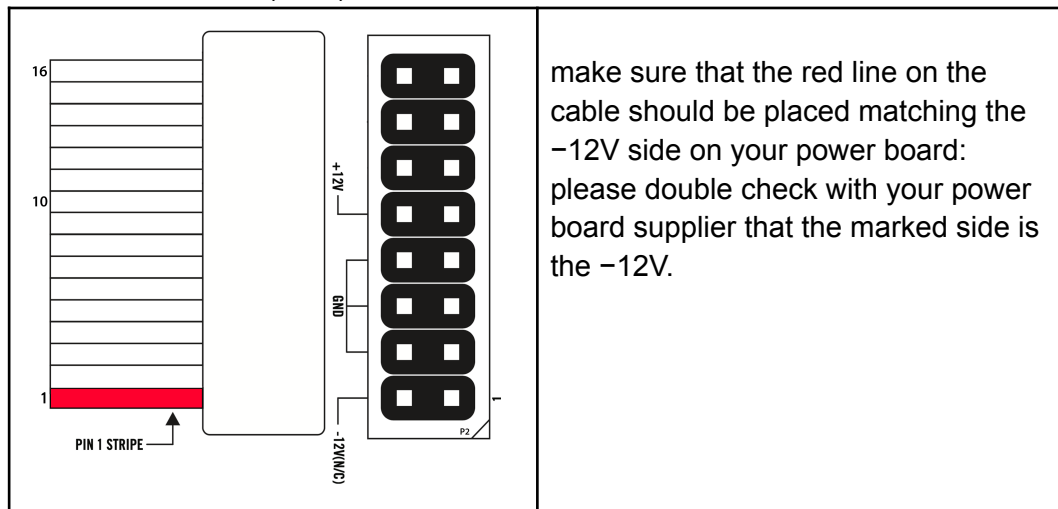
NOTE: You will need to know the current rating of the system's +12VDC rail and the current draw of the +12VDC rail from all modules in the combined system. The sum of all current draw at +12VDC should never exceed the power supply rating.

Note that it is good practice to leave some headroom to reduce stress on the power supply.

Enjoy Lab accepts NO responsibility or liability for improperly installed modules.

TO INSTALL The GodFather IN A EURORACK SYSTEM

1. Disconnect external power from the unit.
2. Remove the eight black M3 screws on the front panel and keep them somewhere safe. You will need them again.
3. Slowly lift the panel from the case, so that you can see the two cables going to the front panel module.
4. Disconnect the power cable from the front panel and the USB cable from the power board. The module is now free from its enclosure.
5. Look at the back of your The GodFather module. There is a 16-pin power header on the back of the PCB that accepts a 16-pin Eurorack power ribbon cable (not included).
6. Connect PIN-1 (-12V) of the power ribbon cable to PIN-1 of the GodFather Eurorack power header. The darkened wire (typically red) on the ribbon cable indicates the PIN-1 (-12V) side of the cable.



Enjoy Lab may not be held responsible in any way for problems or damage to persons or property or to the device itself, if the device is not connected as indicated above.

7. After power is connected, your GodFather may be installed into the rails of the Eurorack system case with the eight black M3 screws removed in Step 2.
8. Once fully installed, you may power up your Eurorack system.

Patchbay

Thanks to its semi-modular nature, The GodFather is equipped with a patchbay that allows creative connections to other electronic music modules and Eurorack synthesizer systems.

The GodFather contains a total of 19 patch points:

- 11 are inputs, identified by the triangular downward arrow
- 8 are outputs, identified by the triangular upward arrow.



The Patchbay is designed to work with 3.5mm patch cables only. A set of 4 is included in your box.

NOTE: When patching, it is OK to split an output signal with a “Mult”, a TS to dual TS “Y” cable, or by using cables with stackable plugs. Connect only one output signal to a CV input to prevent over-voltages.

AUDIO INPUT

Each channel has a mono audio input which can accept 10V peak to peak

AUDIO OUTPUT

The audio outputs are available via the 4 jacks, with standard programming channel 1 is Left, 2 and right, while channels 3 and 4 duplicate the signal of channels 1 and 2 respectively. Level 10 V peak peak

CV Input

CV INPUT: -10V to +10V

CV OUT

The control signal available via this output reflects the value of the LFO

LFO1 on CV1 OUT

LFO2 on CV2 OUT

CV OUTPUT: 0V to + 5V

GATE INPUT / CLOCK INPUT

A clock signal plugged into this Jack can be used as the Global Tempo

GATE / CLOCK INPUT: 0V to + 5V (+10V Tolerant-)

(Rising edge = Clock Pulse)

GATE OUT

A clock signal based on the Global Tempo tempo of The GodFather is available here.

Gate Out value 0V to +5V

MIDI IN INPUT

MIDI information is received via this jack using the five-pin DIN socket to 3.5mm MINI jack (MIDI Type A) adapter included with your The GodFather.

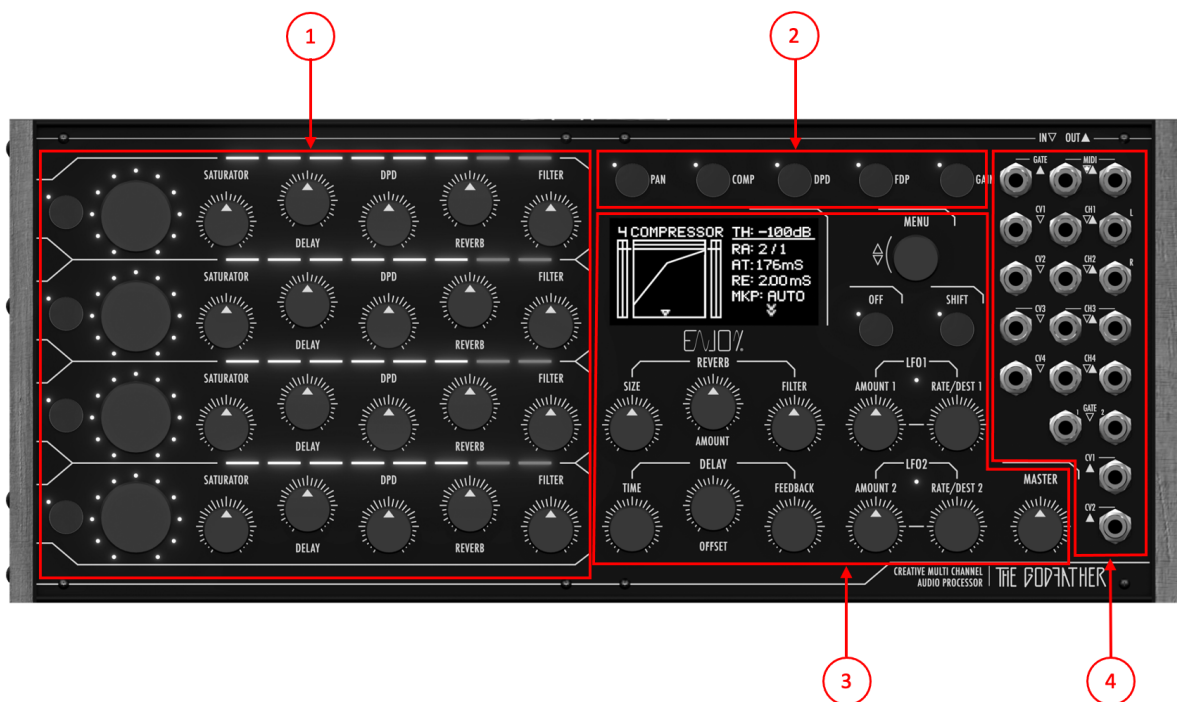
The GodFather can receive master clock (TEMPO) information, and various CC (Control Change) messages via MIDI (see MIDI Control Change table).

The corresponding LED indicates that MIDI data is being received.

MIDI OUT

see MIDI Control Change table

The GodFather Overview



The GodFather is divided into 4 main sections

1. Channels section
2. Function keys
3. Global Section
4. Patchbay

Channels section

Each of the 4 channels is equipped with



- Trigger key of the working modes
- Channel "REVOLVER" encoder Assignable with push button
- Saturation adjustment potentiometer
- Delay level potentiometer
- Double Pulse level potentiometer
- Potentiometer Send Reverb
- Hi-Pass / Low Pass Filter Potentiometer

The channel "REVOLVER" encoder adjusts the audio level of the channel by default.

The function keys assign the parameter to be adjusted for each channel to the channel "REVOLVER" Encoders.

Press the PAN, COMP, DPD, FDPD or GAIN key to set these knobs to the corresponding parameter



Processing for each channel

- Level

By rotating the "REVOLVER" encoder relative to the desired channel without pressing any function key, it is possible to adjust the channel output level.

- **EQ Shape**

Allows you to set the frequencies for the Low cut and High cut filters of each channel.

Simultaneously press the "SHIFT" key and the "GAIN" key to enter the settings for the "EQ SHAPE".

Rotating the channel encoder it is possible to select the cut-off frequency of the "LOW CUT" filter (it cuts the frequencies lower than the specified frequency);

By holding down and rotating the channel encoder it is possible to select the cutoff frequency of the "HIGH CUT" filter (cuts frequencies higher than the specified frequency).

- **Saturator**

Saturator is a wave shaping effect that adds that "dirty, punch, and warmth to the sound."

The received signals are saturated at the dB level set via the "SATURATOR" potentiometer on each channel, the sound obtained can become wild and uncontrollable.

It's a very fun effect to try and tame!

- **Compressor**

A compressor reduces the gain of signals that exceed a user-definable threshold. Compression reduces peak levels, increasing headroom (amplitude margin of the undistorted signal) and allowing the overall level of the signal to be increased.

This gives the signal a higher average level, which results in a louder, more "punched" sound than an uncompressed signal.

To set the compression values, press the "COMPRESSOR" function key

The screen shows:

Three "Vu-Meters", respectively "IN", "GAIN REDUCTION" and "OUT".

A graph of the "Compressor Transfer Curve".

A column of parameters that can be set.

By rotating the "MENU" encoder it is possible to select the parameter whose value we want to modify.

The channel "REVOLVER" encoders allow you to adjust the previously selected parameter for each channel using the "MENU" encoder.

The Threshold slider determines where compression begins. Signals above the threshold are attenuated according to the value specified by the parameter "Ratio" (compression ratio) which adjusts the ratio between the input signal and the output signal.

For example, with a compression ratio of "3", if a signal above the threshold increases by 3dB, the compressor output will only increase by 1dB. If a signal above the threshold increases by 6dB, the output will only increase by 2dB. A "Ratio" of "1" means no compression, regardless of the threshold.

The “Gain Reduction” meter shows the amount of gain reduction at any given moment: the greater the reduction, the more audible the effect.

Since compression reduces the volume of loud signals and increases headroom, you can use the “MKP” (Make up) control so that peaks reach the maximum available headroom.

The “Output” meter shows the level of the output signal. Setting “MKP” to the “AUTO” position will automatically compensate the output level if the “Threshold” and “Ratio” settings change.

● Pan

The “PAN” (Balance) control positions the signal anywhere in the stereo field. Adjusts the stereo positioning of each channel. Range: L50–C0 (center) –R50.

Press and hold the "PAN" function key

Rotate the encoder relating to each channel whose position we want to adjust in the stereo panorama.

Release the PAN function button.

● Stereo Width

The stereo width setting adjusts the stereo amplitude of the processed signal. At the minimum value, it produces a monophonic signal, while setting it to the maximum will result in a large separation between the left and right channels, creating an expanded stereo panorama.

- Press and hold the "PAN" function button

- Rotate while holding down the "REVOLVER" encoder of the channel for which you want to adjust the "STEREO WIDTH".

- Release the "PAN" function button.

● Gain

Press and hold the "GAIN" function key.

The display will show the “GAIN” screen with the value of the current gain setting.

The "LED PANEL INTERFACE" corresponding to each channel allows you to have a clear indication of the presence and level of the input signal. An optimal value of the input signal allows to maximize the signal-to-noise ratio, so that the noise is minimal.

It can be considered an optimal value when the GREEN LED or YELLOW LED is reached in the presence of an audio signal with very short flashes of the RED LED on the peaks (for example on the kick drum peak).

If the input signal is too high (RED LED almost always or always on) or too low (YELLOW LED rarely on or always off in the presence of the input signal) we

recommend adjusting the output level of the relative sound source connected to The GodFather, or alternatively adjust the "GAIN" of the GodFather, bringing the peak level to touch the clip (RED LED).

Rotate the "REVOLVER" encoder relative to each channel whose "GAIN" value we want to adjust.

Release the "GAIN" function button.

- Delay

The GodFather has independent Delays for each channel, this means that for each channel it is possible to independently set the "DELAY" level, the "TIME", the "OFFSET" between left and right and the "FEEDBACK".

"TIME" delays are synchronized to "GLOBAL TEMPO"

The delay section consists of 3 encoders:

"TIME"

the tempo adjustment takes place in Divisions of Beats with respect to the GLOBAL TEMPO

Turning the TIME encoder changes the delay time of all channels simultaneously.

It is possible to adjust the time setting of one or more channels at a time, by pressing and holding down the revolver encoder of the channel or channels whose time you want to adjust and adjust it using the TIME encoder.

For example, if we want to modify the delay time of channels 1 and 3, simply press and hold down the encoders relating to channels 1 and 3 and simultaneously rotate the delay time encoder.



The LED bar will show the time value set for each channel, while the display shows all the delay settings for all channels.

“OFFSET”

The "OFFSET" knob allows you to set a delay time between the right and left audio channels, thus creating a rich and intricate stereophonic panorama. In position 0 no phase shift is applied between the left and right channels. In position 4/8 a phase shift equal to 50% is applied with respect to the delay time of the left channel. (effect commonly called PING PONG)

Rotating the “OFFSET” encoder modifies the delay time of all channels simultaneously.

To adjust the “OFFSET” setting of just one channel:

press and hold down the encoder of the channel whose time you want to adjust and adjust the time using the “OFFSET” encoder rotate the “OFFSET” encoder to set the value.

To adjust the "OFFSET" setting of several channels at the same time (Ex. 1&3) it is sufficient: keeping the revolver encoders 1 and 3 pressed simultaneously, rotate the “OFFSET” encoder.



The “LED PANEL INTERFACE” will show the set “OFFSET” value for each channel, while the display shows all the “DELAY” settings of all channels.

“FEEDBACK”

The “FEEDBACK” encoder adjusts how much output signal from each channel is sent back to the inputs of the delay lines.

By turning the "FEEDBACK" encoder clockwise, you get a greater number of repetitions.

Setting the "FEEDBACK" parameter to 100% the value of “FEEDBACK” will be an infinite “∞”, therefore the sound can theoretically be repeated indefinitely like a loop.

To adjust the Feedback setting of a single channel:

press and hold down the “REVOLVER” encoder of the channel whose Feedback you want to adjust the value using the “FEEDBACK” encoder.

To adjust the “FEEDBACK” of several channels simultaneously (Ex. 2&4):

keep the “REVOLVER” encoders 2 and 4 pressed simultaneously, rotate the “FEEDBACK” encoder.

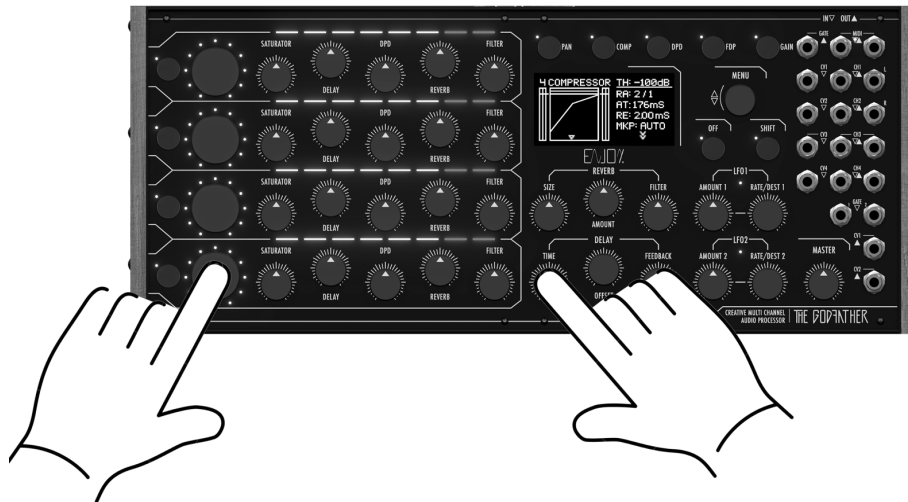


The LED bar will show the set "FEEDBACK" value for each channel. All channel or multi-channel LEDs will be “RED” when the value is 100% indicating infinite delay mode, while the display shows all delay settings for all channels.

To temporarily restore the "FEEDBACK" value from any value to a value of "0" for all channels simultaneously (e.g. to quickly empty the content of the loop generated in FEEDBACK 100% mode) it is sufficient: Press the “TIME” encoder in the Delay section



To quickly restore the “FEEDBACK” value from any value to a value of “0” for just one channel at a time or multiple channels at the same time (ES 2,3,&4): Press and hold down the “REVOLVER” encoder relative to the single channel or channels (Ex. 2,3&4) simultaneously Press the "TIME" encoder in the Delay section to quickly bring the "FEEDBACK" value back to "0"



when the pressure on the "TIME" encoder is released, the FEEDBACK value will automatically return from "0" to the pre-set value.

● DOUBLE PULSE

The DOUBLE PULSE DELAY that we will also call DPD allows you to add, for each channel, another two repeat lines within the main delay repeats.

By keeping the DPD function key pressed, the led bars will show the position of the repetitions of each channel, the yellow led indicates the position of the first repetition, while the red led indicates the position of the second repetition.

With the "DPD" function key pressed, the first additional delay line of the DOUBLE PULSE DELAY can be moved by turning the encoder relating to the channel whose repetition position is to be modified.

By holding down and turning the encoder, however, it is possible to move the second additional delay line of the DOUBLE PULSE DELAY.

When the second additional delay line is placed in the same position as the first line, the second delay line is muted.

When the first and second delay lines of the same channel are placed in the same position, the led turns amber and one of the two repeats is deactivated.

When one or both delay lines of the same channel are moved to position 0, they are deactivated.

● FDPD

In addition to the position of the two additional lines, the DOUBLE PULSE DELAY has a dedicated volume control and a dedicated Hi Pass - Low Pass filter, which allows you to filter only the repetitions of the DOUBLE PULSE DELAY, leaving the repetitions of the main delay and the DRY signal intact.

To activate and set the filter dedicated to the DOUBLE PULSE, hold down the function key "FDPD"

The display will graphically show the filtering applied to the repetitions. By rotating the "REVOLVER" encoder relating to the channel for which we want to set the double Pulse filter, it is possible to activate and select the cutoff frequency of the filter.

In HI PASS by turning the "REVOLVER" encoder clockwise
in LOW PASS by turning the "REVOLVER" encoder counterclockwise.

The level of the DOUBLE PULSE DELAY can be adjusted using the dedicated potentiometer available on the channel lines.

- **Filter Hi pass / Low pass**

Each channel features a main filter, designed to cut low or high frequencies, depending on whether the knob is turned clockwise or counterclockwise. In the central position, (potentiometer has a central detent 0) the filter is disabled

Menu - Commander Area

Press the "MENU" knob to access the MENU Commander and navigate through the available options It is possible to go back in the menu by pressing the OFF key.

Global Tempo - Tap Tempo, Midi Clock Cv - Gate

The GLOBAL TEMPO is the BPM time that all other active parameters refer to. Through the "SYNC" menu, it is possible to set which option to consider in setting the global tempo value:

- MANUAL
- TAP TEMPO
- MIDI CLOCKS
- GATE 1
- GATE 2

Global Tempo Setting

Manual:

From the main display screen (HOME), rotate the "MENU" knob to choose the new desired time value. The value appears on the display in BPM.

By holding down the "SHIFT" key and turning the "MENU" knob you can adjust the setting in 0.1 unit steps.

TAP TIME

To set the "GLOBAL TEMPO" it is possible to beat rhythmically on the "OFF" button, pacing the desired tempo.

Just tap the "OFF" button a few times following the tempo of the piece of music. The time will be applied to all DELAY, OFFSET, DOUBLE PULSE.

Note that the tempo is defined and indicated based on the selected division values.

MIDI clocks

The GodFather will calculate the tempo from the midi messages by averaging the values received in a few seconds.

GATE 1 or GATE 2

The GodFather will calculate the tempo from clocks received via the GATE1 or GATE2 jack depending on the setting, averaging the received values over a few seconds. Once GATE1 or GATE2 is selected, the number of taps (4th, 8th, 16th) must be set or confirmed, which results in the division of the tempo into quarters, eighths, or sixteenths.

The tempo in BPM set manually or via TAP, Midi or CV controls the same parameter: the GLOBAL TEMPO of "The GodFather". Adjustment of one of these controls will override the adjustment of the other.

The minimum GLOBAL TEMPO that can be set up to this firmware version is 90 BPM. In future updates, it will be possible to lower this tempo.

Reverb

The GodFather features a reverb capable of creating a spacious and warm sound. The sound of each channel can be sent to the Reverb via the send pot that each channel has.

The AMOUNT control adjusts the output level of the reverberated signal.

The SIZE control determines how long it takes for the reverberated signal to fade out. In natural spaces the length is directly related to the size of the simulated space, i.e. large room - long reverb, small room - short reverb.

The reverb section is also equipped with a dedicated HI PASS FILTER, with a very high and automatically adjusted resonance curve - its sonic characteristic allows to emphasize the pre drop phase.

LFO

The GodFather features 2 multi-assignable LFO generators that can be used as a source for effects, filter and amp modulation.

Each LFO has independent parameters and an LED whose brightness is proportional to the LFO signal, and indicates the speed and intensity of the modulating signal.

Amount

The LFO AMT (LFO Amount) control adjusts the overall intensity of each LFO

Rate

The RATE (or LFO Frequency) control sets the rate, the LFO oscillators, the rate is set in Hertz.

Destination

Each LFO generator can be assigned to one global parameter and one parameter of each channel.

By pressing and turning the RATE/DESTINATION knob of each LFO it is possible to set the global destinations, such as Reverb, Mode, Master Level ...etc...

The new destination setting will be assigned to the parameter when the RATE/DESTINATION knob is released on the desired parameter.

By simultaneously pressing the "REVOLVER" encoder, it is possible to assign the LFO to the parameters available on the selected channel.

It is also possible to set a positive or negative (inverted) value of the LFO modulations for each channel, by turning the "REVOLVER" encoder relating to the channel whose amplitude and modulation polarity is to be varied clockwise or counterclockwise.

The LED bars of each channel indicate the amplitude, polarity and intensity of the modulations for the reference channel

In yellow the modulations of LFO1, in red the modulations of LFO 2.

To view the amplitudes of the two modulations on the led bars at the same time, simply press the two Rate/Destination encoders of each LFO.

Shape

The SHAPE (or waveform) control allows you to choose between 4 waveforms. To change the waveform, press the "SHIFT" key and rotate while holding down the RATE/DESTINATION encoder of each LFO

The new SHAPE setting will be assigned to the parameter when the RATE/DESTINATION knob is released on the desired parameter.

CV In

The device has 4 assignable CV In inputs. Through the CV IN, it is possible to modulate the filters of each channel. Through the "CV IN" menu, it is possible to set 3 modes:

- 0-5V High Pass
- 0-5V Low Pass
- -5 to +5V from Low Pass to High Pass

Working Mode

The GodFather is equipped with 3 "WORKING MODE", they allow to change the audio flow within the Delay section, with the addition, replacement and cancellation of the input sounds, output sound and within the feedback of the Main Delay.

Each channel can work with different working modes.

To set the working mode, press the SHIFT key and the trigger key corresponding to the channel whose mode you want to set

The display shows the mode selected for each channel, the leds adjacent to the trigger buttons indicate the mode set by the color of the led

Amber : Normal

Blue : Add

Green : Change.

Red : Indicates that the mode trigger has been fired.

Normal

Like a classic Delay, all the input sounds enter in the delay, comes out delayed and has a feedback that regulates how much output signal is sent back to input from each channel.

By pressing the TRIGGER button, the input sound to the delay line becomes mute for the time the trigger button is pressed

Add

Unlike the NORMAL MODE, in this case the sound does not enter in the Delay section and then in repetitions until the "TRIGGER" button is pressed.

By pressing the TRIGGER button in correspondence with another sound already within the repetitions, the new sound is added to existing sound within the repetitions.

Try it using the feedback in the position ∞ and inserting a long input signal (for example a lead or a bass) and pressing the trigger button in a quick and rhythmical way for two or three times. You will notice that the created repetitions

follow exactly the rhythmic sequence realized by pressing the trigger button repeatedly.

Change

Like in the MANUAL ADD mode, the sound does not enter in the Delay section and therefore in the repetitions until the "TRIGGER" button is pressed.

By pressing the TRIGGER button, in correspondence with another sound already existing in the repetitions, the new sound replaces the previous sound just in the moment when the TRIGGER button is pressed.

It can also be used to empty the sound of the repetitions, simply by pressing the trigger button in the absence of input sound, in this way the sound inside the repetitions is replaced by silence intervals.

Automation

Using LFO, triggers can be triggered automatically

Mute a channel

By pressing the OFF key and the channel "REVOLVER" encoder it is possible to disable the channel corresponding to the channel encoder pressed

Bypass

Press the OFF and SHIFT buttons simultaneously to deactivate all the processing of The GodFather and send only the dry signal of entrance.

MIDI

In

If you are using a 5-pin MIDI cable for external control or sync, connect the MIDI OUT of your MIDI controller to the MIDI IN on your The GodFather. By default, the GodFather is set to receive MIDI data on MIDI Channel 1.(see MIDI Control Change table).

Out

If you are using a 5-pin MIDI cable TO external control or sync, connect the MIDI IN of your MIDI controller to the MIDI OUT on your The GodFather. By default, the GodFather is set to send MIDI data on MIDI Channel 1.(see MIDI Control Change table).

MIDI Control Change Table

Parameter	MIDI CC#	Range
CH1 Saturator	3	0 - 127
CH1 Delay Level	4	0 - 127
CH1 DPD Level	5	0 - 127
CH1 Reverb Send	6	0 - 127
CH1 Filter	7	0-63 Low Pass / 64 NO FILTER / 65-127 High Pass
CH2 Saturator	8	0 - 127
CH2 Delay Level	9	0 - 127
CH2 DPD Level	10	0 - 127
CH2 Reverb Send	11	0 - 127
CH2 Filter	12	0-63 Low Pass / 64 NO FILTER / 65-127 High Pass
CH3 Saturator	13	0 - 127
CH3 Delay Level	14	0 - 127
CH3 DPD Level	15	0 - 127
CH3 Reverb Send	16	0 - 127
CH3 Filter	17	0-63 Low Pass / 64 NO FILTER / 65-127 High Pass
CH4 Saturator	18	0 - 127
CH4 Delay Level	19	0 - 127
CH4 DPD Level	20	0 - 127
CH4 Reverb Send	21	0 - 127
CH4 Filter	22	0-63 Low Pass / 64 NO FILTER / 65-127 High Pass
Reverb Size	23	0 - 127
Reverb Amount	24	0 - 127
Reverb Filter	25	0 - 127
LFO1 Amount	26	0 - 127
LFO2 Amount	27	0 - 127
Master	28	0 - 127
TRIGGER 1	32	0 - 1
TRIGGER 2	33	0 - 1
TRIGGER 3	34	0 - 1
TRIGGER 4	35	0 - 1

CH1 LEVEL	70	0 - 127
CH2 LEVEL	71	0 - 127
CH3 LEVEL	72	0 - 127
CH4 LEVEL	73	0 - 127
CH1 PAN	74	0-63 to left / 64 CENTER / 65-127 to right
CH2 PAN	75	0-63 to left / 64 CENTER / 65-127 to right
CH3 PAN	76	0-63 to left / 64 CENTER / 65-127 to right
CH4 PAN	77	0-63 to left / 64 CENTER / 65-127 to right
CH1 WIDTH	78	0 - 127
CH2 WIDTH	79	0 - 127
CH3 WIDTH	80	0 - 127
CH4 WIDTH	81	0 - 127
CH1 DPD Posizion line 1	82	
CH1 DPD Posizion line 2	83	
CH2 DPD Posizion line 1	84	
CH2 DPD Posizion line 2	85	
CH3 DPD Posizion line 1	86	
CH3 DPD Posizion line 2	87	
CH4 DPD Posizion line 1	88	
CH4 DPD Posizion line 2	89	
CH1 DELAY TIME DIVISION	90	
CH2 DELAY TIME DIVISION	91	
CH3 DELAY TIME DIVISION	92	
CH4 DELAY TIME DIVISION	93	
CH1 DELAY OFFSET TIME DIVISION	94	
CH2 DELAY OFFSET TIME DIVISION	95	
CH3 DELAY OFFSET TIME DIVISION	96	
CH4 DELAY OFFSET TIME DIVISION	97	
CH1 DELAY FEEDBACK DIVISION	98	
CH2 DELAY FEEDBACK	99	

DIVISION		
CH3 DELAY FEEDBACK DIVISION	100	
CH4 DELAY FEEDBACK DIVISION	101	

Software update

The firmware update can improve stability, fix bugs and add new functions.

By registering your The GodFather on our site, you will receive by email information on the availability of updates

From our website (www.enjoy-lab.com) you have access to the Enjoy Web Programmer page, to update you will need an updated version of google Chrome, at least version 61 or newer.

Connect The GodFather directly to the PC / MAC without using a USB hub. With The GodFather , enter the menu and scroll down to the item “Software Update”

Connect The GodFather by clicking the “Connect” button at the top of the Enjoy Web Programmer page

In the dialog box that opens, select “DFU in FS Mode” and then click “Connect”

Press the "UPDATE!" to load the latest firmware version.

If you want to load an older version, use the “Device” dropdown to choose “The GodFather”

You can now browse the available firmware for your chosen device using the “Firmware” dropdown

Once an Firmware program is selected, click “Program” on the right hand side of the screen to upload the program to your device.

IMPORTANT: Do not turn off, disconnect the device, or close Google Chrome until the device has restarted automatically.

WARRANTY:

ENJOY LAB devices come with a one year limited warranty (**or longer if required by the relevant legislation**), starting from the date of the original purchase. Being able to

prove the date of the original purchase with an invoice or a receipt is necessary if you require warranty service.

If the machine should need repair during the warranty period no charges will be applied for parts or labor. This warranty is transferable to other owners should the ENJOY LAB devices be resold during the warranty period.

- This warranty does not cover :
 - damage, deterioration or malfunction resulting from accident, negligence, misuse, abuse, improper installation or operation or failure to follow instructions according to the User Manual for this product;
 - any shipment of the product (claims must be presented to the carrier);
 - Repair or attempted repair by anyone other than ENJOY LAB or a certified ENJOY LAB repair center.
 - any unit which has been altered or on which the serial number has been defaced, modified or removed;
 - normal wear and any periodic maintenance;
 - deterioration due to perspiration, corrosive atmosphere or other external causes such as extremes in temperature or humidity;
 - damages attributable to power line surge or related electrical abnormalities, lightning damage or Acts of God; or
 - RFI/EMI (interference/noise) caused by improper grounding or the improper use of either certified or uncertified equipment.
 - any other causes determined by ENJOY LAB to be the fault of the user, are not covered by warranty (normal service rates will be applied).

In the event that something is determined to be a manufacturer error or failure due to defective materials, we will repair, return or exchange the item free of charge at our discretion.

- **WARRANTY SERVICE PROCEDURE FOR DEVICES BOUGHT FROM ENJOY-LAB ONLINE SHOP:**

Contact the ENJOY LAB support at info@enjoy-lab.com if you need warranty service. You cannot send a unit unless agreed to by ENJOY LAB. The customer is responsible for shipping charges if the product needs to be shipped to a ENJOY LAB repair center for warranty service. If warranty covers the product, ENJOY LAB will bear the return shipping costs to the customer.

Should the unit be dead on arrival, or if the hardware malfunctions within 14 days of the original purchase date, ENJOY LAB will cover the shipping to a certified ENJOY LAB repair center.

Legal disclaimer

The information in this document is subject to change without notice and should not be construed as a commitment by Enjoy Lab. Enjoy Lab assumes no responsibility for any

errors that may appear in this document. Enjoy Lab may also make improvements and/or changes in the products and programs described in this document at any time without notice. In no event shall Enjoy Lab be liable for any special, indirect, or consequential damages or any damages whatsoever resulting from loss of use, data, or profits, whether in an action of contract, negligence, or other action, arising out of or in connection with the use or performance of this information.

User Manual The GodFather Multichannel Audio Processor RL.0.982A