

ORLA

MM49.pro

JamKey

SOUND - CONTROLLER

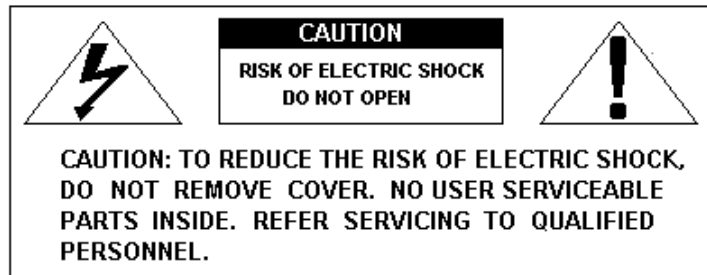


Getting Started

1.1

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SAFETY PRECAUTIONS AND INSTRUCTIONS



WARNING

Make sure that the supplied adapter is suitable for the mains voltage in your country.

When using electric products, always follow basic precautions, including the following:

- 1 Read all of these instructions before using the product.
- 2 To reduce the risk of injury, close supervision is necessary when the product is used near children.
- 3 Do not use this product near water - for example, near a bathtub, washbowl, kitchen sink, in a wet basement, near a swimming pool, or the like.
- 4 This product in combination with sound modules, computers and external amplification and headphones, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss, or ringing in your ears, you should consult an audiologist.
- 5 The product should be located so that its location, or position, does not interfere with proper ventilation.
- 6 This product should only be located away from heat sources such as radiators, heat registers, and other products that cause heat.
- 7 The product should be connected only to the type of power supply described in the operating instructions, or as marked on the product.
- 8 This product may be equipped with a polarized plug. This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.
- 9 The power adapter of the product should be unplugged from the outlet when left unused for a long period of time.
- 10 Care should be taken so that objects do not fall, and liquids are not spilled, into the cabinet through openings.

The product should be serviced by qualified personnel when

- A The power adapter or the plug has been damaged; or
 - B Objects have fallen, or liquid has been spilled, into the product or
 - C The product has been exposed to rain or
 - D The product does not appear to operate normally, or exhibits a marked change in performance, or
 - E The product has been dropped, or the cabinet damaged
- Do not attempt to service the product beyond that described in the maintenance instructions. All other servicing should be referred to qualified service personnel.

GROUNDING INSTRUCTIONS

This product must be grounded (earthed). If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with the local codes and regulations.

DANGER

Do not modify the plug provided with the product. If it will not fit have a proper outlet installed by a qualified electrician.

DATA HANDLING

The information contained in the internal memory may sometimes be lost due to incorrect user action. Make sure to save important data onto USB Stick or Hard Disk. ORLA will not be responsible for damages caused by data loss.

DISCLAIMER

The information contained in this manual has been very carefully revised. Due to the constant effort to improve the product, the product specifications might differ to those in the manual. The specifications are subject to modification without prior notice.

TAKING CARE OF YOUR INSTRUMENT

Your keyboard is a fine instrument and deserves careful treatment. Follow these next few points carefully to keep it at it's best for many years.

- Never open the case and touch the internal circuits
 - Always switch the power OFF after use
 - Clean with a cloth or a damp sponge. If the dirt is particularly persistent, use a neutral detergent to remove it. Never use solvents or alcohol
 - Do not place your instrument near electric motors, neon or fluorescent lamps as these may generate disturbances
 - In most cases you just need to change the position of the instrument to avoid interference
 - Keep your instrument away from dusty environments, high humidity, and high temperatures
 - Make sure that your local AC mains voltage matches the voltage indicated on the name plate in the back of the instrument.
 - Do not use electrical appliances, neon lights or variable lighting system on the same AC Mains outlet
 - Before turning on the instrument, make sure that your amplifiers and speaker system are OFF
 - Computer controlled instruments can be interrupted by spikes, surges and dropouts on the power line. If your instrument stops working because of a power line disturbance, switch it OFF for a few seconds and then switch it back ON.
- Never disconnect the power cable without turning OFF the power switch first.

The JamKey Controller

Think about an amazing master keyboard equipped with two premium waterfall keyboards and all the rotary controls and push button you may need, including two sets of physical drawbars.

That's the Jamkey Controller.

The Jamkey simplifies your life. On the left panel, you can find all the necessary controls to drive a full "tone wheel" organ configuration. On the right panel, there is a wide selection of programmable buttons and rotary controls.

All the buttons, the rotary controls and even the Drawbar controls can be reprogrammed using the JamKey Editor that is available for download from the Jamkey web site.

Do you use a computer, an iPad or sound module on stage? The central area of the JamKey has been designed to easily accommodate your laptop, tablet or sound module.

How many "virtual instruments" and computer software do you have? Probably a lot.

How do you control them when you're on stage?

The JamKey is the answer.

Go to our site www.jamkey.net and download JamKey Editor

To start your JamKey controller, download the JamKey Editor from the dedicated website www.jamkey.net, where you can also download the current default Patches and the User Manual.

What is the purpose of the JamKey Editor?

All the Physical Drawbars, Rotary controls, Buttons and Pads on the JamKey are totally assignable and can be reprogrammed for different functions using the **JamKey Editor**.

You can map, assign all controls and store your **Patches** in the sixteen memory locations of the instrument.

What is a Patch?

A Patch is an object that describes how MIDI settings are assigned to the various controllers. By using the Patch system, you can easily change settings that you need for specific sounds or registrations.

Using the **JamKey Editor** you can make your own Patch to store and recall directly from the JamKey. There are sixteen memory locations to store data in two Banks: A (from 1 to 8) and B (from 9 to 16).

You can also store and recall Patches on a computer when connected via USB cable.

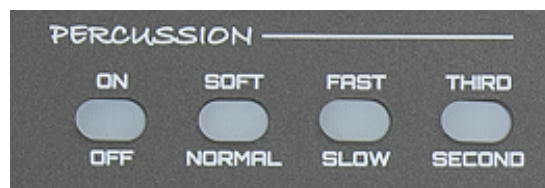
It is possible to configure and store a huge array of Patches in this way.

Patch Default on JamKey

The JamKey default setting is ready to play a number of sounds according to GM sound mapping.

<u>Patch Name</u>	<u>Memory Bank Location</u>	<u>Patch Type</u>	<u>Midi Output Rear Panel</u>
1 - JamKey Organ	1 A	GM	Midi Standard
2 - Rock	2 A	GM	Midi Standard
3 - Pop	3 A	GM	Midi Standard
4 - Jazz	4 A	GM	Midi Standard
5 - HipHop	5 A	GM	Midi Standard
6 - Funky	6 A	GM	Midi Standard
7 - Disco	7 A	GM	Midi Standard
8 - Dance	8 A	GM	Midi Standard
9 - Empty 01	1B	GM	Midi Standard
10 - Empty 02	2B	GM	Midi Standard
11 - Empty 03	3B	GM	Midi Standard
12 - Empty 04	4B	GM	Midi Standard
13 - Empty 05	5B	GM	Midi Standard
14 - Empty 06	6B	GM	Midi Standard
15 - Empty 07	7B	GM	Midi Standard
16 - Empty 08	8B	GM	Midi Standard

Connect the JamKey to a GM Sound Module using a standard midi cable and the default patches can now be accessed. Use the buttons illustrated below to select the available sounds for the Upper and Lower keyboards.



4 Upper Voice Selectors

Upper Voice Variation I II III IV



3 Lower Voice Selectors

Lower Voice Variation I II III



1 Upper & 1 Lower Main Voice Selectors

Upper & Lower Main Voice Upper Lower

Control Change Assignments for Upper & Lower Drawbars

74 71 73 72 91 93 92 94 95



CC 74	Cut OFF
CC 71	Resonance
CC 73	Attack
CC 72	Release
CC 91	Send Reverb
CC 93	Send Chorus
CC 92	Tremolo
CC 94	Delay
CC 95	Phaser

Left Panel Assignments for Default Patch

UPPER VOICE VARIATION ——— KEYBOARDS TRANSPOSE ———

1 2 3 4 LOWER OCTAVE UPPER
- + - +

LOWER VOICE VARIATION MAIN VOICE
1 2 3 UPPER LOWER

Cut	Res	Rtt	Rel	Rev	Cho	Trem	Del	Phase
CC 74	71	73	72	91	93	92	94	95

Right Panel Assignments for Default Patch

patch ——— bank

1 2 3 4 5 6 7 8 A B

Ch1 Ch2 Ch3 Ch4 Ch5 Ch6 Ch7 Ch8

Volume Volume Volume Volume Volume Volume Volume Volume

- +

Cut	Res	Rtt	Rel	Rev	Cho	Trem	Del	Phase
CC 74	71	73	72	91	93	92	94	95

All specifications and appearance are subject to change without notice

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