



Juzisound Total SOLO Sampler 3

Quick Start Guide

Version: 1.0

Juzisound Ltd

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Important Safety Instructions



WARNING

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to people.



CAUTION

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS. SAVE THESE INSTRUCTIONS

WARNING

When using electric products, basic safety precautions should always be taken, including the following:

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Install in accordance with the manufacturer’s instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen over the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Do NOT modify this unit, alterations may affect performance, safety and/or international compliance standards.
- Always ensure adequate space for ventilation around the device.
- Do not cover the apparatus with newspapers, tablecloths, curtains, etc., as these will impair ventilation and cause overheating.
- Do not keep near the device open flame sources such as candles.

Additional Precautions

- Please beware that the content of SD card can be irretrievably lost as a result of a malfunction, or the improper operation of the unit. To protect yourself against the risk of losing important data, we recommend that you periodically save a backup copy of SD card.
- Use a reasonable amount of care when using the unit's buttons or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- Never strike or apply strong pressure to the display.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing others nearby, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not have to be concerned about those around you.
- When you need to transport the unit, pack it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.

Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, nonabrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Technical Support

If you are unable, with your dealer's help, to solve problems you encounter with the Juzisound Sampler 3, you may contact our technical support department in one of the following ways:

- Tech support: (+359) 887-69-47-09 (Monday through Friday, 9 am to 5 pm EST)
- Online support: juzisound_ltd@abv.bg.

Please provide the following information to help us solve your problem as quickly as possible:

- The serial number of the sampler. This is printed on a sticker placed on the bottom of the device itself. You must be able to supply this number to receive technical support.
- A brief explanation of the problem, including the exact sequence of actions which cause it, and the contents of any error messages which appear on the screen.
- The version of your installed operating system. We're not able to solve every problem immediately, but a quick call to us may yield a suggestion for a problem which you might otherwise spend hours trying to track down. If you have features or ideas you would like to see implemented, we'd like to hear from you.

Information for Users on Collection and Disposal of Old Equipment



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2012/19/EU.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

EU Compliance



Juzisound Total SOLO Sampler 3 is CE compliant.

Note that any cables supplied with this equipment may be fitted with ferrite rings at each end. This is to comply with the current regulations and these ferrites should not be removed.

Electromagnetic Compatibility

This product complies with the requirements of European Union's Directive: 2014/30/EU

EN 55032:2015, Environment: Class B, EN 55035:2017, Environments: E1 - E4, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 61000-4-2:2009, EN 61000-4-4:2012, EN 61000-4-5:2014, EN 61000-4-6:2014, EN 61000-4-8:2010, EN 61000-4-11:2020..

Audio input and output ports are screened cable ports and any connections to them should be made using braid-screened cable and metal connector shells in order to provide a low impedance connection between the cable screen and the equipment.

LVD

This product complies with the requirements of European Union's Directive: 2014/35/EU.

RoHS notice



This product complies with the requirements of European Union's Directive 2011/65/EU.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product has been tested and found to comply with the limit for a Class B Digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide a reasonable protection against harmful interference in a residential environment. This equipment generate, use and 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 to other electronic devices. Compliance with FCC regulations does not guarantee that interferences will not occur in all the installations. If this product is found to be the source of interferences, witch can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

- Relocate either this product or the device that is affected by the interference.
- Use power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter(s).

Power Supply

	CAUTION Risk of electric shock. DO NOT OPEN!	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

- Do not connect this unit to the same electrical outlet that is being used by an electrical appliance that is controlled by an inverter or a motor (such as a refrigerator, washing machine, microwave oven, or air conditioner). Depending on the way the electrical appliance is being used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- To prevent malfunction and equipment failure, always make sure to turn off the power on all your equipment before you make any connections.
- Although the LCD and LEDs are switched off when the unit is turned off, this does not mean that the unit has been completely disconnected from the source of power. If you need to turn off the power completely, first turn off the unit's switch, then unplug the power cord from the power outlet. For this reason, the outlet you choose to connect the power cord's plug to should be one that is within easy reach and easily accessible.
- Power Switch is only for functional switching of the device. It does not disconnect the device from the mains.
- Due to risk of electric shock, replacement of fuse and battery are performed only from an authorized dealer of the manufacturer or a person with similar qualifications.

International Power Supply Standard

Juzisound provide Total SOLO Sampler 3 with power adapter with EU Plug.
Input power is 90-264 VAC
Output power is 24V / 0.5A / 12W
Output connector is 2.1x5.5x11

Use original power adapter, or if is in different region, use adapter with similar parameters!



Device placement

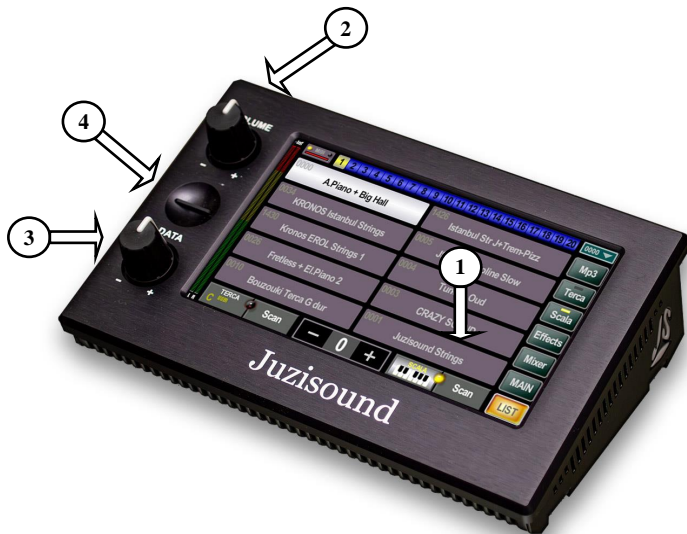
Juzisound Total SOLO Sampler 3 use active cooling system, with internal axial fan. For cooling to function properly, you must ensure at **least 5 centimeters** of free space in front and behind the unit.



- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it further away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communication devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not put anything that contains water over this unit.
- Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe down any liquid that spills on the unit using a dry, soft cloth.

Basic controls of the sampler

Front panel

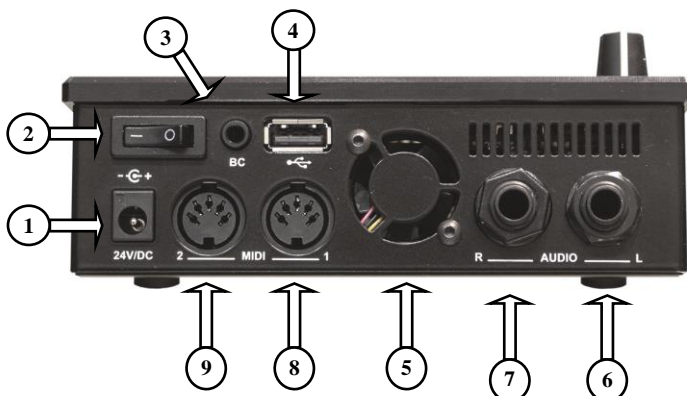


1. Touch Screen IPS Display.
2. Potentiometer for adjusting the volume of the headphones and the main outputs.
3. Rotation ENCODER for enter data + Push Button.
4. Micro SD card slot.

Button

Total SOLO Sampler 3 have only one physical button. This is Rotation encoder (with Number 3). This button has different functions in different situations and menus. For example, if button is pressed BEFORE power ON the device, this will activate Bootloader for software update.

Rear panel



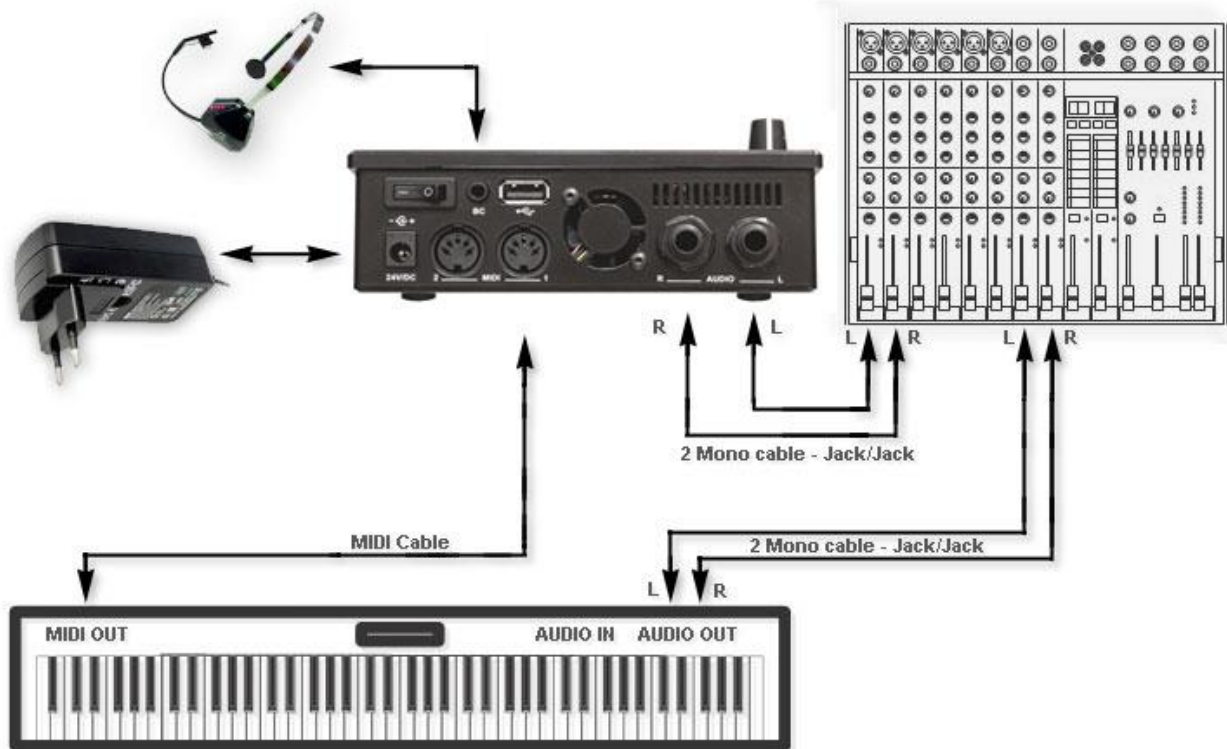
1. Power IN (Use only 24v/0.5A DC adaptor provided by Juzisound)
2. Power Switch
3. Breath controller IN.
4. USB Host connector, for connecting USB MIDI keyboard or USB Mass Storage.
5. Fan air output. Don't close this.
6. Audio Out L – 6.3mm mono jack.
7. Audio Out R – 6.3mm mono jack (or stereo jack for Phones Out. When use Phones, Out L need to be free!)
8. MIDI In 1 connector (Only IN)
9. MIDI In 2 connector, configurable to work as (IN / THRU / OUT)

Using a SD card



- Carefully insert the Micro SD card all the way in—until it is firmly in place.
- Never touch the terminals of the USB flash drives. Also, avoid getting the terminals dirty.
- SD cards are constructed using precision components; handle the SD cards carefully, paying particular note to the following.
- To prevent damage to the cards from static electricity, be sure to discharge any static electricity from your own body before handling the SD cards.
- Do not touch or allow metal to come into contact with the contact portion of the SD cards.
- Do not bend, drop, or subject SD cards to strong shock or vibration.
- Do not keep SD cards in direct sunlight, in closed vehicles, or other such locations.
- Do not allow SD cards to become wet.

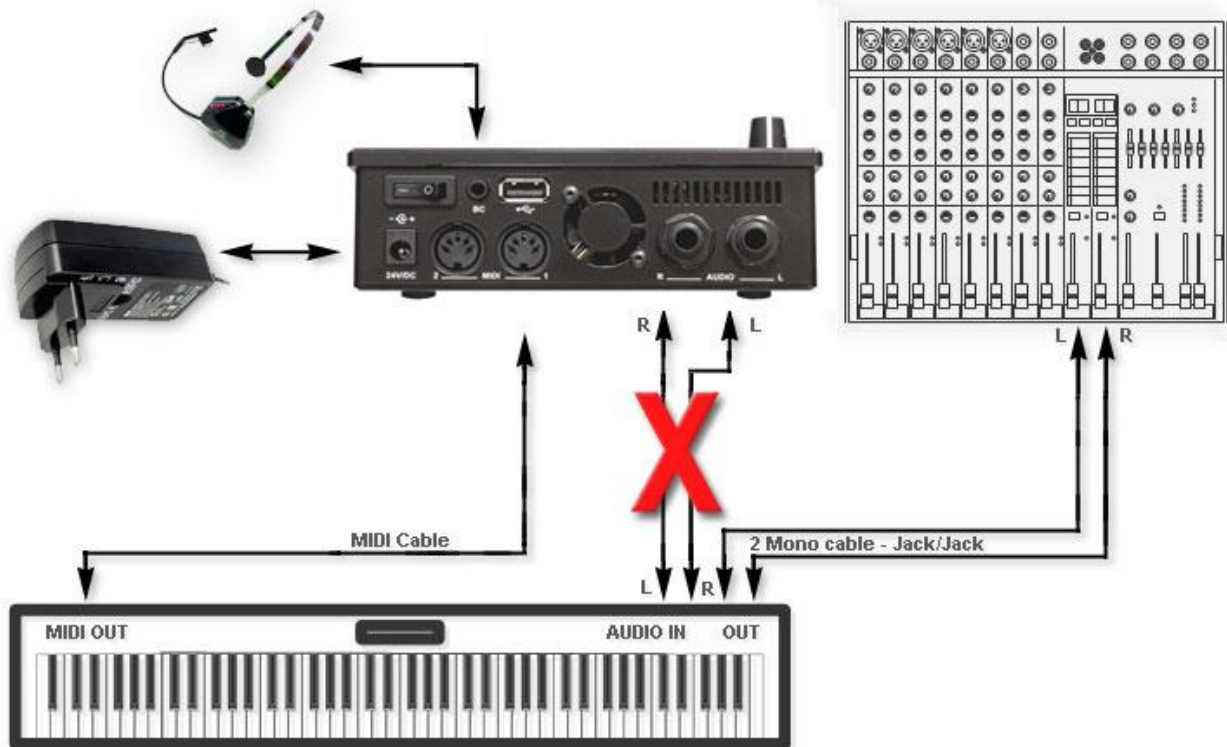
Standard Connections



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- Connect **Power Adapter** to Power Input of sampler.
WARNING!!! Use only an original AC/DC adapter supplied by Juzisound! Using the wrong adapter can damage your sampler!!!
- Connect **Breath Controller Headset** to the **Breath Input** of the sampler. If not use Breath Controller, skip this step.
- Connect **USB MIDI Cable or USB Flash Device** to the **USB Input** of the sampler. If not use USB devices, skip this step.
- Connect **MIDI OUT** of the synthesizer or MIDI keyboard, which is master to the sampler to the **MIDI IN** of the sampler. You can do this connection by MIDI cable (included).
- **Connect AUDIO Out L and Audio Out R of the sampler to 2 separate MONO input channels of you MIXER or to one STEREO input channel. To to this, you need 2 mono audio cables with Jack\Jack connectors (not included). If use 2 separate MONO channels of you mixer, set PAN of both channels to max L/R position to listen STEREO sound.**

Avoid INCORRECT Audio Connection



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Always connect the audio output of the sampler DIRECTLY to a mixing console, not through the audio input of the synthesizer. In this picture audio connections are INCORRECT and leads to a DRASTIC reduction in sound quality. The correct way is shown in previous picture!

Audio Output Settings

Volume potentiometer is located on the front panel and controls the level of both the headphones and the main audio outputs located on the rear panel. Headphone is designed to work with low-impedance headphones.



CAUTION!

Excessive sound pressure from earphones and headphones can cause hearing loss.

Breath controller Connection



[Analog IN] connector on the rear panel of the sampler is used to connect an analog controllers.

Analog controller means the following:

- breath controllers, volume or expression pedals, simple potentiometers or any other type of device, that produces an analog signal.

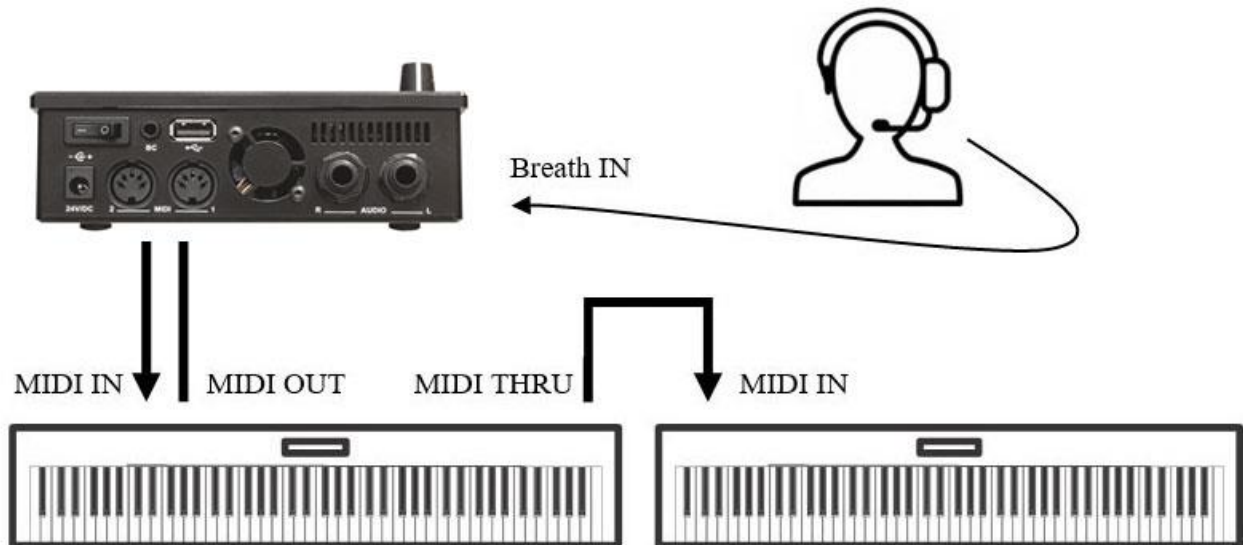
Analog input have hardware configurable amplifier and offset settings, controlled by sampler menu. To connect analog controller, use **3.5" stereo jack**.

Pinout of connector is user adjustable, and possible configuration are shown in next images.



Analog input produce power for analog controller. Work voltage is **+5V / 50 mA**. Sampler have power short circuit protection, and automatic switch for power polarity settings. To switch between 2 available power polarity scheme, go to Breath MENU and do this thought menu points. If you select wrong scheme, or have short circuit in cable, sampler will stop power and produce error message on display. To restore power, activate new power configuration from menu. This will clear error message, and restore power on connector.

Use Build-In Breath Controller to MIDI converter



To use the built-in analog converter to drive an external MIDI device, you should use TWO MIDI cables.

One cable is plugged from Master keyboard MIDI OUT to Sampler MIDI IN 1. This cable provide MIDI out signal from master keyboard to MIDI input of sampler.

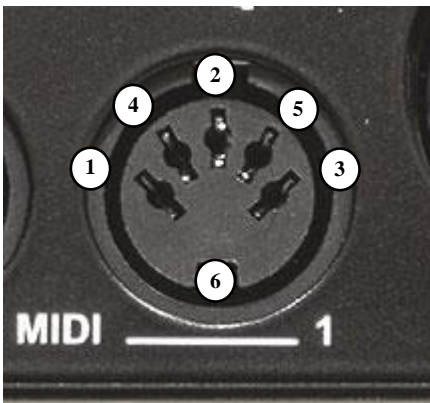
Second MIDI cable (optional) is connected from Sampler MIDI connector 2, to MIDI Input of MIDI Master Keyboard. This cable, RETURN midi SIGNAL FROM INTERNAL SAMPLER Breath to MIDI converter, to you MIDI master keyboard. If you want to control more than one external MIDI synthesizer, then you need to connect MIDI THRU of the first controlled MIDI synthesizer to MIDI IN on the second, using another normal MIDI cable. If the external synthesizers are more than two, then you need to connect MIDI THRU of the second to MIDI IN of the third and so to the end of the chain.

To work, need to make some settings in Sampler menu...

Note:

Breath Controller converter function is not available in Accordion Version of software.

Extended MIDI 1 Connector Functions



MIDI connector 1 have same extendent function like power out for Juzisound Accordeon MIDI systems.

This connector work only like MIDI INPUT, but possible to provide powe (+5Volt / 300mA) for external MIDI system. By default, this connector is only MIDI Input, but if you preor-der, possible to make internal connection, and connector provide power out.

Don't drawn more of 500mA from this connector!

Pinout:

1. **+5 Volt** power out for Juzisound Accordeon MIDI System. Alsu (**MIDI OUT+**).
2. **GND** power out for Juzisound Accordeon MIDI System.
3. **MIDI OUT-**. Connect trough 220 Ohm resistor to pin 1 (MIDI OUT+).
4. **MIDI IN+**. Optoisolated MIDI Input - positive.
5. **MIDI IN-**. Optoisolated MIDI Input - negative.
6. **GND**. Common GND of device.