

# Juzisound Total SOLO Sampler

## 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 persons.



### 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 precautions should always be followed, 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 into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 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 put on the device open flame sources such as candles.
- This unit contains a battery which should not be exposed to excessive heat sources such as sunlight, fire, etc.

## Power Supply

|  |  |   |
|--|--|---|
|   | <b>CAUTION</b><br>Risk of electric shock. DO NOT OPEN! |  |
| <b>CAUTION:</b> 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 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 in which the electrical appliance is 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 into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.
- Power Switch is only for functional switching of the device. Does not disconnect the device from the mains.
- Due to the risk of electric shock, replacement of fuse and battery are performed only at an authorized dealer of the manufacturer or person with similar qualifications.

## Placement

- 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 farther 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 communications 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.
- 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 on this unit.
- Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

## Additional Precautions

- Please be aware that the contents 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, sliders, 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 need to be concerned about those around you.
- When you need to transport the unit, package 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.

## 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 2002/96/EC.

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.

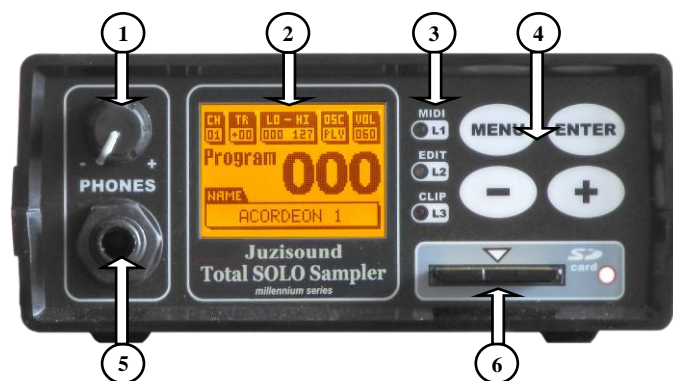
### **For business users in the European Union**

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**

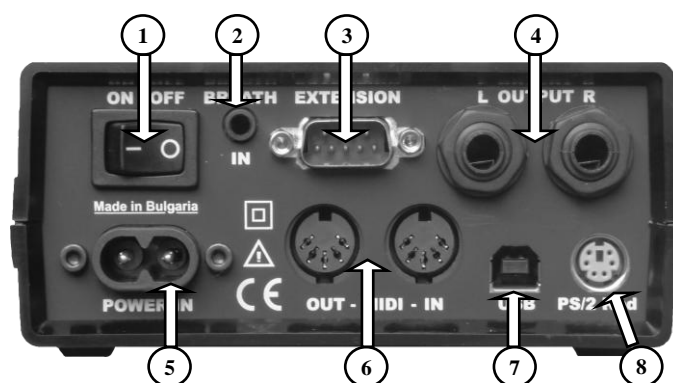
This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

## Basic controls and indicators of the sampler



Front panel

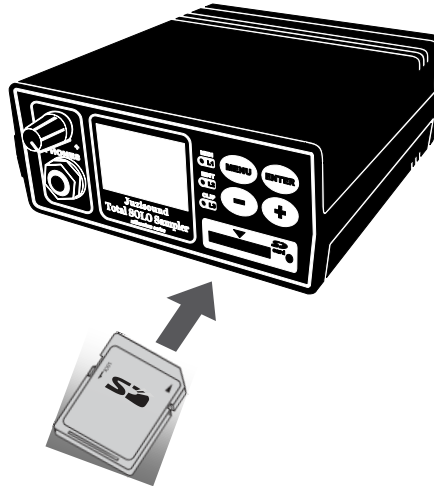
1. Potentiometer for adjusting the volume of the headphones and the main outputs.
2. LCD.
3. LED indicators.
4. Menu buttons.
5. HEADPHONES output - 6.3mm stereo audio jack.
6. SD card slot.



Rear panel

1. Power switch.
2. Analog controller IN – usually breath controller.
3. Extension port – mostly for service functions.
4. Main outs – 2 separate mono channels – 6.3mm mono audio jack.
5. Power IN.
6. MIDI IN and MIDI OUT.
7. Slave USB for connecting to PC.
8. To connect PS/2 numeric keyboard – numpad.

## Using a SD card



- Carefully insert the 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.

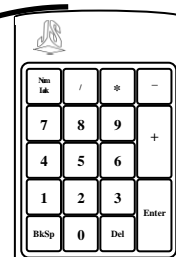
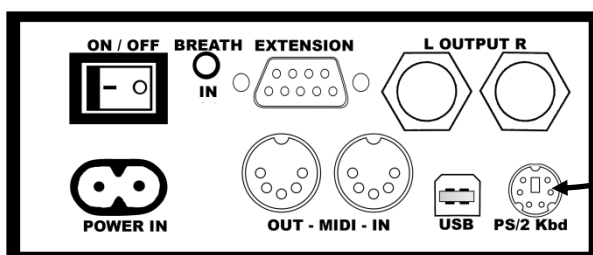
## Connecting PS/2 keyboard (numpad)

### *Warning about using an older hardware version*



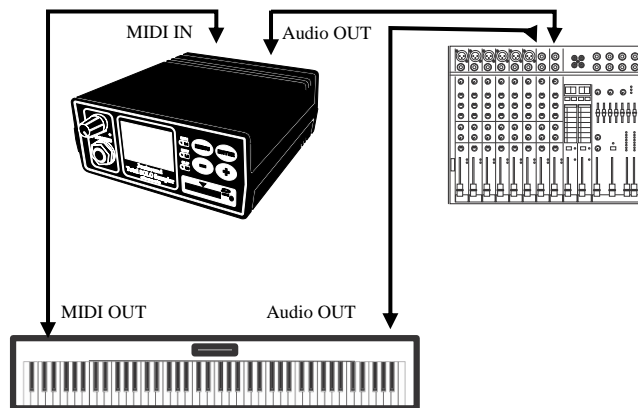
**CAUTION!** Do not connect PS/2 keyboard to this port, if your sampler's hardware version is **1.00**. This can damage the PS/2 keyboard and/or the sampler.

- With PS/2 numpad (included) you can control the functions of the sampler.
- Use only a numpad purchased or recommended by Juzisound.
- Connect and disconnect the numpad only when the sampler is off.
- When disconnecting the numpad, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.



# MIDI and AUDIO connections

## MIDI connections

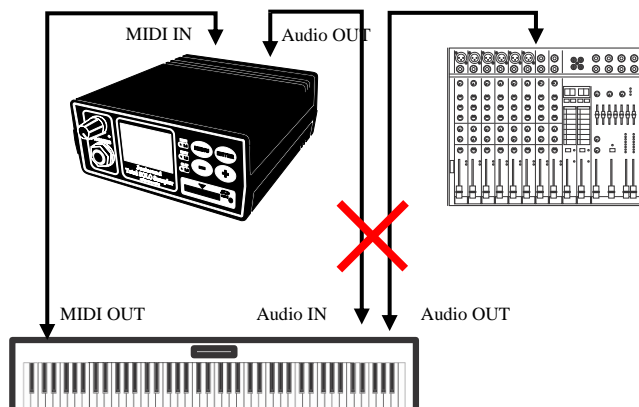


Picture 1

Connect **MIDI IN** of the sampler to **MIDI OUT** of the synthesizer or MIDI keyboard, which is master to the sampler. You can do this connection by MIDI cable (included). The **MIDI OUT** of the sampler can be configured from MENU.

## AUDIO connections

Always connect the audio output of the sampler **DIRECTLY** to a mixing console, not through the audio input of the synthesizer.



Picture 2

Shown in Picture 2 audio connections are **INCORRECT** and leads to a **DRASTIC** reduction in sound quality. The correct way is shown in picture 1.

## Audio Output Settings

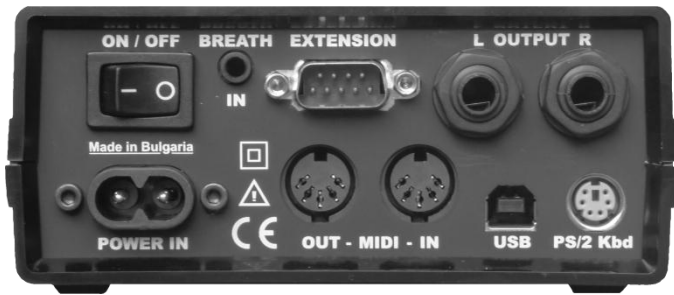
Volume potentiometer is located on the front panel and controls the level of both the headphones and the main audio outputs located on the rear panel. Headphone is designed to work with low-impedance headphones.



### CAUTION!

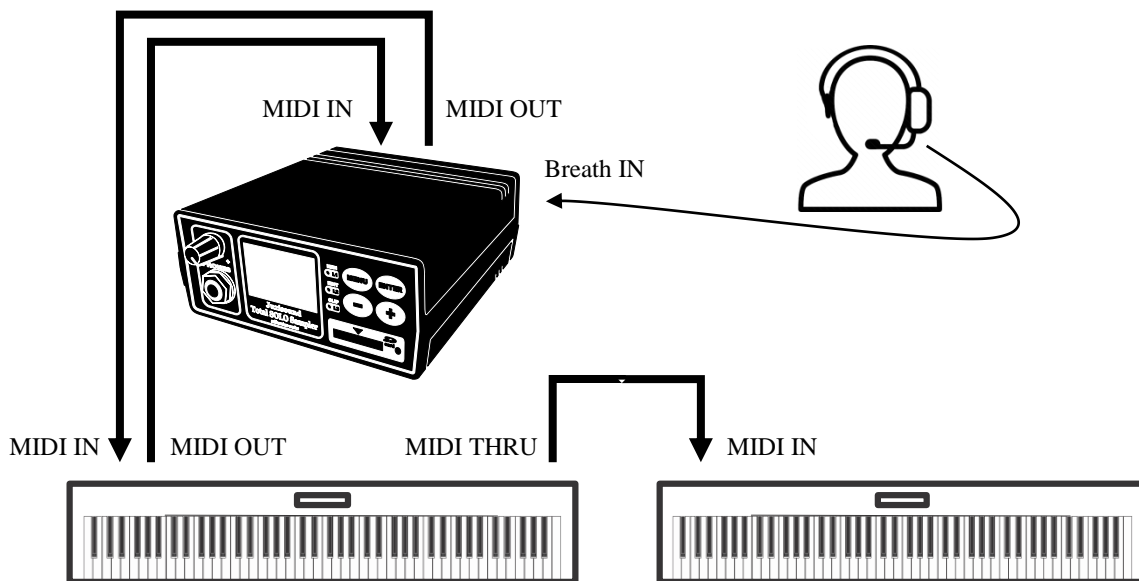
Excessive sound pressure from earphones and headphones can cause hearing loss.

## Breath controller



[Breath IN] connector on the rear panel of the sampler is used to connect an analog controller. Analog controller means the following: controller, pedal, potentiometer or any other type of device that produces an analog signal. This connector provides +5 volts direct current (DC) and the input signal must also be in a range from 0 to +5 volts. In this input are most often plugged breath controllers from Juzisound or Yamaha model BC-3.

As a result of the input analog value, the sampler can generate simultaneously up to 4 different types of MIDI messages. They can be targeted both inward (to the engine of the sampler) and externally (via MIDI output of the sampler). When messages are sent out, they can be simultaneously sent in 3 different MIDI channels to be used to control other external MIDI device. An example for this is a breath controller, which controls simultaneously the sampler and the keyboard that controls the sampler. MIDI output of the sampler along with the analog input can be considered as separate and independent of the sampler device for converting analog to MIDI signal. To use the built-in analog converter to drive an external device, you should use another MIDI cable that is connected from MIDI OUT of the sampler to MIDI IN of the synthesizer you want to control. If you want to control more than one external MIDI synthesizer, then you need to connect MIDI THRU of the first controlled MIDI synthesizer with MIDI IN on the second. If the external synthesizers are more than two, then you need to connect MIDI OUT of the second to MIDI IN of the third and so to the end of the chain.



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