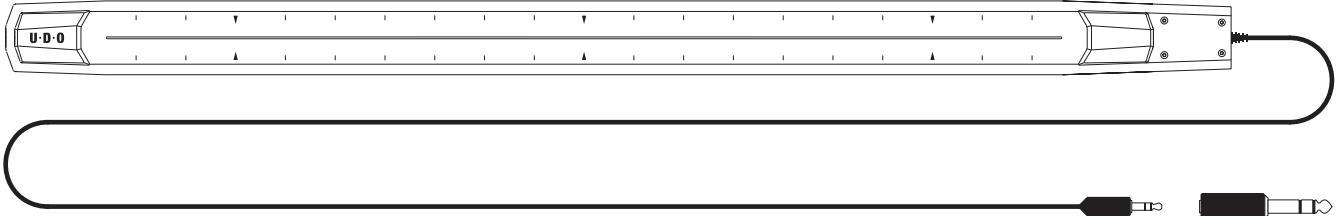


Thank you for purchasing the RBN-1, our detachable magnetic performance ribbon controller. Featuring an adaptive bend behaviour, it allows you to change the pitch of notes by several octaves, depending on the initial note played. Its highly responsive surface also enables subtle vibratos as well as dramatic modulations. Thanks to its strong magnets and non-slip base, the RBN-1 can be easily attached to and removed from any metal surface, keeping the ribbon controller securely in place during use.

The RBN-1 works with any device that features an expression pedal input and can be connected using a 3.5mm or 6.35mm TRS plug. When used with UDO instruments, the ribbon controller utilises an *intelligent pitch* expression method, bending only the currently held note(s), without affecting sustained sounds.

Kit Contents



1x

RBN-1 performance ribbon controller and 6.35mm adapter plug

1x This quick start guide



IMPORTANT SAFETY INSTRUCTIONS



THE FOLLOWING SAFETY REQUIREMENTS MUST BE ADHERED TO FOR PREVENTION OF FIRE, ELECTRIC SHOCK OR INJURY:

1. Do not connect this product to a power supply exceeding 30V. Connecting the product to a voltage greater than 30V may result in electrical hazards, equipment damage, or injury.
2. Only connect the wiper output (plug tip) to a high-impedance input, such as an input for an expression pedal.
3. This product contains strong magnets that may interfere with pacemakers or other medical implants. If you have a medical device, consult your doctor before use.
4. When attaching the product, be careful not to trap your fingertips, as this may cause bruising.
5. Do not disassemble the product.
6. Do not expose the product to any liquids. Do not use the product if you suspect liquid ingress.
7. Do not expose the product to direct heat sources such as heaters or lamps and do not operate it in direct sunlight or at ambient temperatures above 50 °C.
8. Included parts such as the 6.35mm plug adapter can pose a choking hazard for small children. When small children use the product, they should always be supervised by an adult.

Electrical Specifications

Maximum voltage:	30V
Connector type:	3.5mm TRS plug with 6.35mm stereo TRS adapter; tip: wiper, ring: right end (connector), sleeve: left end
Potentiometer impedance:	20k Ω
Potentiometer taper type:	Linear

Technical Specifications

Dimensions (L/W/D):	581 x 35 x 8.6mm (not including cable)
Connections:	3.5mm TRS plug or 6.35mm TRS plug (adapter included)
Cable length:	1.2m
Construction:	Milled aluminium housing, soft-touch surface with low friction, non-slip rubber base, magnetic base

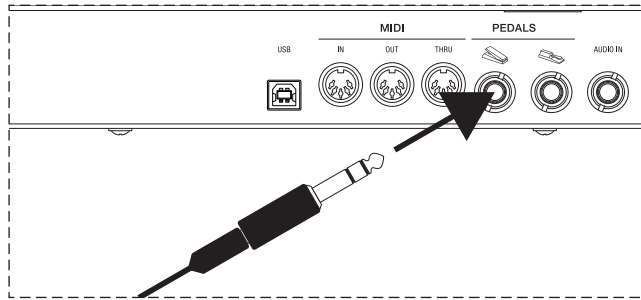
Technical support: support@udo-audio.com.

USING THE RBN-1 WITH YOUR SUPER 6/8

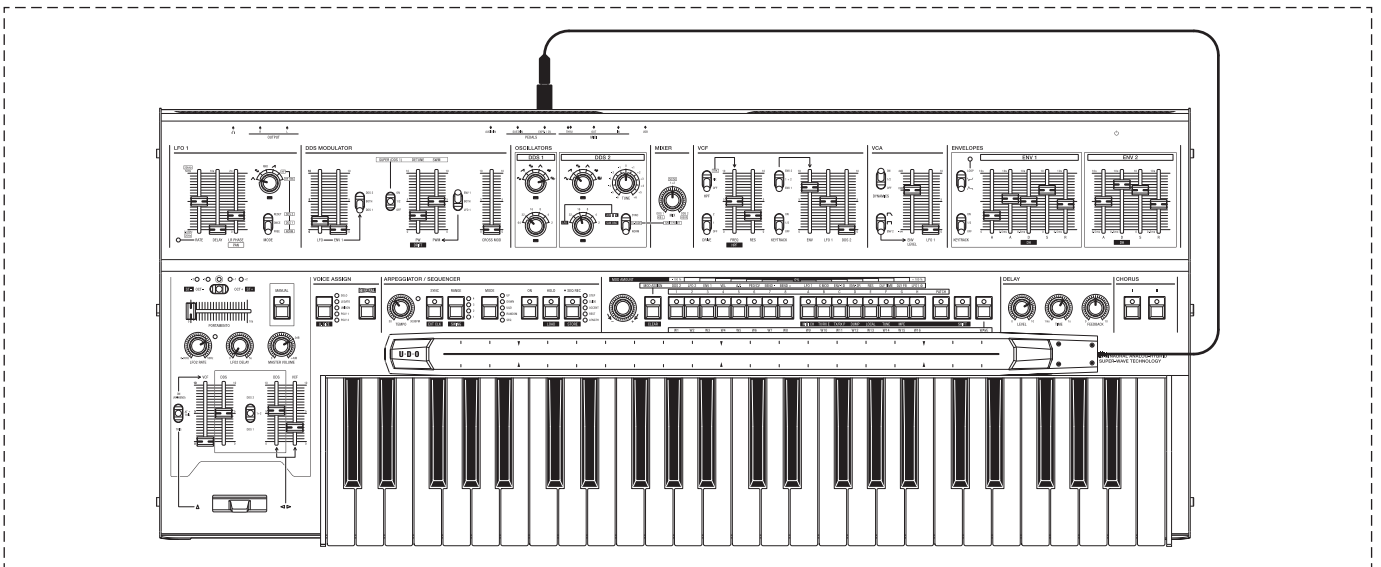
1. Visit the support section of the UDO website to download the latest firmware for your instrument and to ensure that your Super 6 or Super 8 supports the RBN-1 (RBN-1 requires **v1.6 and above** for Super 6, and **v1.26 and above** for Super 8).
2. Connect the 3.5mm TRS plug to the 6.35mm adapter plug.



3. Before powering your instrument on, insert the connected 6.35 mm plug into the instrument’s expression pedal input.



4. Position the RBN-1 above the keyboard with the cable pointing to the right. The magnetic base will hold it in place.



Initial setup for using the RBN-1 with the Super 6 and Super 8

1. With the instrument powered off, press and hold button **6** (labelled **PED/CV** on the Super 6 and **EXPR** on the Super 8).
2. Whilst holding the above button turn on the instrument until an LED flourish is seen. The Expression Pedal input is now set to **RBN-1 pitch mode**. (The RBN-1 mode will be remembered. You do not need to repeat this process after a power cycle).

Using the RBN-1

1. The RBN-1 defaults to intelligent pitch mode. To map the RBN-1 as a modulation source via the modulation matrix, use the modulation source **PED/CV** (Super 6) or **EXPR** (Super 8).
1. Mapping the RBN-1 to a modulation matrix destination disconnects it from pitch control. Clearing the modulation matrix mappings for **PED/CV / EXPR** re-connects the RBN-1 to the pitch control.



Resetting the global settings by pressing the **MANUAL** button (**MANUAL UPPER** or **MANUAL LOWER** on the Super 8) for 5 seconds disconnects the RBN-1 from pitch control, normal expression pedal function is then restored.