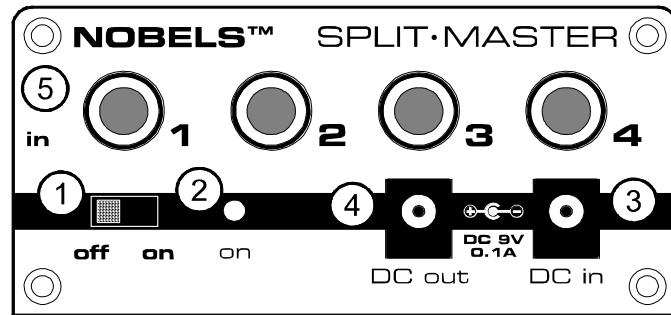


Thank you for purchasing the NOBELS SPLIT-MASTER!

The SPLIT-MASTER is a universal high-quality signal splitter for music applications and distributes incoming audio signals to several outputs. The device can distribute up to four mono (or two stereo) inputs to up to four outputs each, simultaneously and without loss in signal quality.

The buffer outputs convert high impedance instrument signals to low impedance signals that are much less susceptible to electrical interference when using long cable runs.

Correct setup and operation of the SPLIT-MASTER are very easy and there is almost no possibility of maloperation. However, please read this manual thoroughly prior to use anyway in order to fully understand the working principle of the SPLIT-MASTER and prevent any possible confusion.



❶ **Power switch:** Switches the device "on" or "off".

When switched off the inputs remain connected to the direct outputs.

❷ **Power indicator:** The LED lights when a proper operating voltage is supplied and shows that the A/B-MASTER is switched on.

❸ **DC in jack:** The connection for a regulated DC power adaptor to supply a proper operating voltage to the A/B-MASTER.

Please refer to the technical data section for details.

❹ **DC out jack:** Further devices (e.g. effect pedals) can be connected here for feeding them off the A/B-MASTER's power supply.

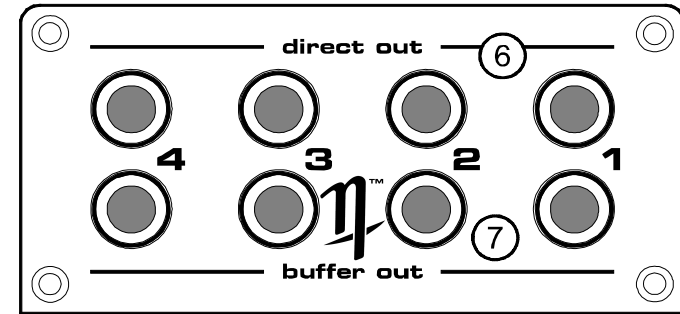
This requires the external power adaptor to match all necessary specifications and to be able to supply an adequate current.

Regarding polarity, plug size etc. NOBELS follows the standard of the world's most popular effects lines so there should be no problems to be expected in most cases.

❺ **Input jacks 1-4:** The signal sources e.g. outputs of musical instruments to be distributed are connected here.

Please refer to the "connections" section of this manual for details.

All signal connections are made using regular instrument cables with mono jack connectors.

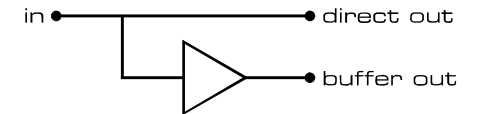


❻ **Direct outputs 1-4:** The upper four jacks carry the direct signal of the respective input jack.

❼ **Buffer outputs 1-4:** The input signal is also tapped and routed to its respective "buffer out" via an electronic buffer stage.

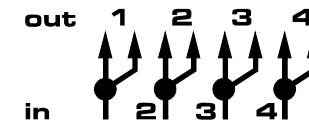
This effectively prevents a possible loss in level and/or signal quality from interference between the outputs.

In addition the buffer provides a strong low impedance output signal that can be carried over long cable runs safely.



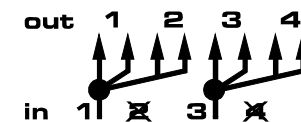
Connections:

If all four inputs are occupied the respective signals are automatically distributed to two outputs each:



In order to achieve a distribution to four outputs each only inputs 1 and 3 may be employed. In this case input 1 is internally routed to input 2, thus distributing the signal to both "direct" outputs 1 and 2 as well as the respective "buffer" outputs.

The same holds true for input 3, whereas the input signal is then distributed to output pairs 3 and 4 in parallel:

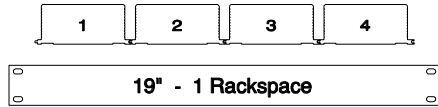


Instructions for use:

Apart from making all the necessary connections before use there are no further operations to be performed by the user.

The Interlock System:

Housings of the MASTER SERIES and COMPACT SERIES are mechanically 100% compatible. Up to four units can easily be interlocked and mounted to a 19" standard tray using one rack space:



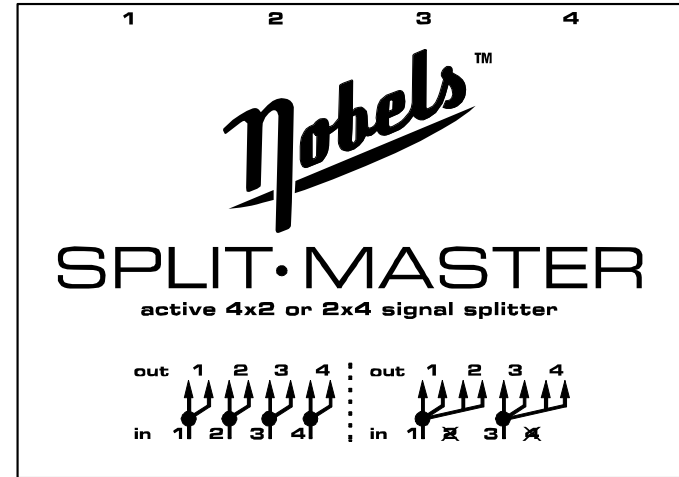
Technical data:

- Operating voltage : 9~12 V^{*)} DC / 150mA (regulated)
- Current drain : 15 mA max.
- Dimensions (mm) : 104 x 69 x 43

Buffer outputs only:

- Input impedance : 1 MΩ
- Output impedance : <1 KΩ
- Max. input level : +4 dBm
- Max. output level : +4 dBm
- Frequency response : 5 Hz – 200 kHz (+/-1.5 dB)

^{*)} Using a 12V DC power supply increases the headroom of the buffer outputs.



Owners manual