# SimBay

## Datasheet: KR87 V2



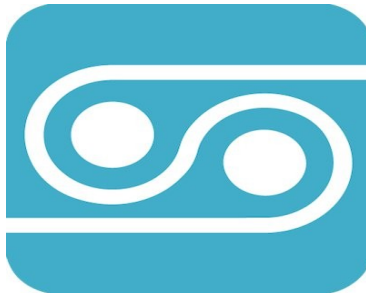| Dimensions | 16,5cm x 3,4 cm |
|---|---|
| Backlightable | Yes (all knobs are backlighted)<br>Also some parts of the text |
| Backlight Power Supply | 12 volts (Powersupply not included) |
| Plug & Play | No (but Available) |
| Hardware Included | All buttons as on picture |

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Software connection compatibility:

> PCB uses IDC connections to interface with a I/O board. Below stated plugins/addons can be used or not depending on their status.

| FS20/24 | P3D | XPlane | XPlane | | | FSX | P3D | XPlane |
|---|---|---|---|---|---|---|---|---|
| |  | | |  | | |  | |
| Fully compatible | | | Fully compatible | | | Fully compatible<br>You need to write your own code | | |

| FSX | P3D | XPlane | FSX | P3D | XPlane | FSX | P3D | XPlane |
|---|---|---|---|---|---|---|---|---|
| |  | | |  | | |  | |
| Fully compatible<br>but still under development | | | All inputs can be connected via HID boards | | | Fully compatible | | |

| Fully compatible | compatible but with restrictions | Not compatible |
|---|---|---|

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## In case of PCB order wiring schematic

12 Volt
Backlight
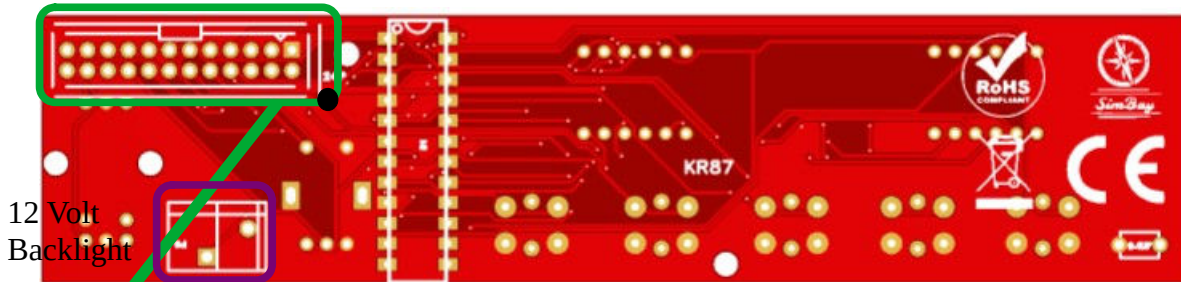
| NAME | STATE | PIN | PIN | STATE | NAME |
|---|---|---|---|---|---|
| Upper Enc A | ON | 1 | 2 | ON | Upper Enc B |
| Down Enc A | ON | 3 | 4 | ON | POT Push |
| Down Enc B | ON | 5 | 6 | ON | - |
| Dual Enc SW | ON | 7 | 8 | ON | POT Signal |
| Load (CS) | ON | 9 | 10 | ON | SET/RST SW |
| Digital (DIN) | ON | 11 | 12 | ON | FLT/ET SW |
| VCC | ON | 13 | 14 | ON | FRQ SW |
| MAX7219 Signal (CLK) | ON | 15 | 16 | ON | BFO SW |
| LED FRQ | ON | 17 | 18 | ON | ADF SW |
| LED FLT | ON | 19 | 20 | ON | LED BFO |
| LED FQ | ON | 21 | 22 | ON | LED ADF |
| GND | ON | 23 | 24 | ON | LED ANT |