



Swiftech 8-Way PWM Splitter Box

\$9.95

Product Images



Short Description

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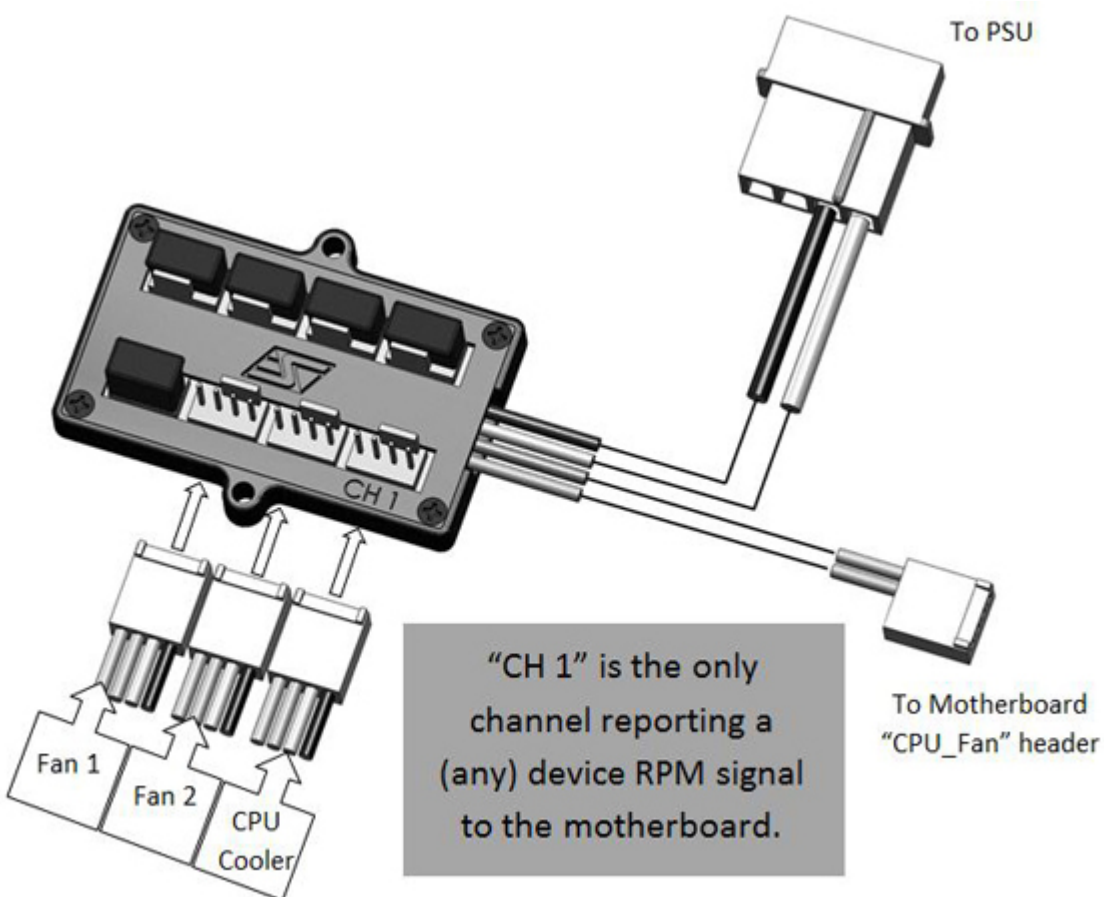
We generally recommend to use the “CPU_Fan” connector of the motherboard, because most motherboard manufacturers usually allow a greater range of adjustments on this particular connector. PWM capable connectors must necessarily be 4-pin, but not all 4-pin motherboard connectors implement or enable the PWM signal modulation by default. Please carefully consult your motherboard documentation in this respect.

Features

Since only one RPM signal can be read by one motherboard connector, only channel 1 of the PWM splitter carries an RPM signal; thus the motherboard will only read the RPM signal of the PWM device that is connected to channel 1 of the splitter.

- The PWM signal cable has 2 wires: 1 for the PWM signal, and 1 for the RPM signal.
- Power to the PWM splitter is supplied by a separate power cable that must be connected to the Power supply.

Connections



Specifications

- Junction housing including: (8) Males 4-pin connectors - Channel 1 carries RPM signal
- (1) Female 4-pin mini-connector
- (1) Males Molex 4-pin connector
- Peel-off sticker
- Mounting screws
- RoHS compliant

Simple Troubleshooting

"All the devices connected to my splitter work at 100% but I cannot vary their speed"

1. Check that the splitter mini-4 pin PWM signal cable is correctly connected to the CPU_Fan connector of the motherboard
2. Enable "Manual Fan Control" in the motherboard BIOS

"The device(s) connected to my splitter do not work"

1. Check that the splitter power cable is connected to the power supply
2. Check that the non-functioning device female 4-pin connector is correctly inserted in all 4 pins of the splitter connector: in effect, it may be possible to inadvertently offset the female connector by one pin by slightly forcing its insertion, so be careful about this!

"I am getting a "CPU fan error" when I turn on the computer"

1. Make sure that a device is connected to channel 1 of the PWM splitter. If the motherboard CPU_Fan header does not read an RPM signal, it will return such error by default.
2. Check that the device connected to Channel 1 of the PWM splitter is correctly inserted in its connector.
3. Check that the power cable of the PWM splitter is connected to power supply.

"I connected the PWM splitter to an auxiliary 4-pin connector that was indicated as PWM capable by my Motherboard manual, but I can't vary the speed of my devices"

1. Other than the CPU_Fan connector which is PWM enabled by default, most of the motherboards 4-pin connectors feature two methods of speed adjustment in order to allow control of both types of fans, the 3-pins which are voltage controlled, and the 4-pins which are PWM controlled. As a result, the PWM functionality must be enabled in the BIOS before it can actually work. Please consult your motherboard manual for a "how To".
2. Since the "CPU_Fan" motherboard connector is PWM enabled by default, we recommend that you connect the splitter to the CPU_Fan connector in order to ascertain its functionality.

"I am connecting the splitter to a PWM fan controller instead of the motherboard, and it doesn't work"

- Not all PWM fan controllers are compatible. Please read this [white paper](#) for further explanations and a list of compatible devices.

Additional Information

Brand	Swiftech
SKU	8W-PWM-SPL
Weight	0.5000
Color	Black
Fan Accessory Type	PWM Fan Hub
Vendor SKU/EAN	Mary makes these with 8W-PWM-SPL-ST

