

**PACKAGE CONTENTS:**

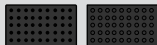
1x Universal Fan Controller:



1x Manual Remote:



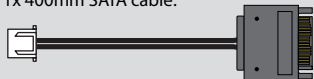
1x Velcro Tape:



1x 400mm 4-pin Motherboard cable:



1x 400mm SATA cable:

**TECHNICAL SPECIFICATIONS:**

Dimension controller (WxHxD)		102 x 38 x 17 mm
Dimension remote (WxHxD)		48 x 20 x 8 mm
Power input	SATA Cable	12V
Input signal	PWM signal / DC signal / Manual remote / No signal	
Output signal	1x White Universal 4 / 3-pin	0-100% PWM / 3.8-12V DC
	4x Black 4-pin	0-100% PWM
	3x Black 3-pin	3.8-12V DC
Remote speeds		40% / 70% / 100%
Max. connector power output		1A
Max. total power output		4A
Max. power usage		48W
Warranty		2 years

# PHANTEKS

## UNIVERSAL FAN CONTROLLER

# MANUAL

PLEASE CHECK [WWW.PHANTEKS.COM/FAQ](http://WWW.PHANTEKS.COM/FAQ)  
FOR UP-TO-DATE INSTRUCTIONS AND COMPATIBILITY.

## INSTALLATION:

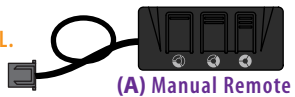
UNIVERSAL FAN  
CONTROLLER

### STEP 1.

Choose for (A) MANUAL CONTROL or (B) MOTHERBOARD CONTROL.

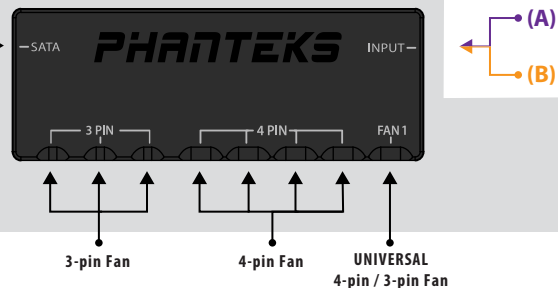
A. Connect Manual Remote to the INPUT port.

B. Connect 4-pin Motherboard Cable to the INPUT port.




### STEP 2.

Connect the SATA Cable to the SATA port.



### STEP 3.

Connect all fans to the corresponding output connector. We recommend to always connect Fan 1.

 The Fan 1 connector will provide the rpm signal to the motherboard.



The motherboard output can be both PWM or DC signal. The Fan Controller will automatically translate the signal for each 4-pin and 3-pin fan.

# PHANTEKS

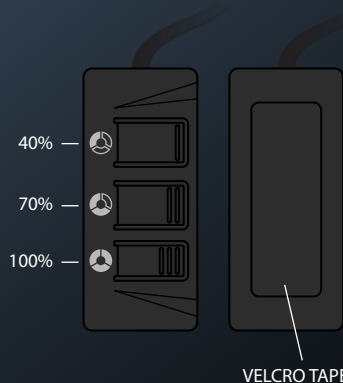
Conveniently control both 4-pin PWM and 3-pin DC fans with a single controller with the manual remote (software-free) or synced to your motherboard.

- Speed control with a 3-button remote for silent/balanced/high performance mode.
- Plug and play thanks to manual control.
- Option to sync with your motherboard.
- Automatically adapts to PWM and DC input signals and fans.
- Mount the remote anywhere with the included velcro tape.



Route the remote through an available pass-through (e.g. PCI slot) to place the remote outside of your computer enclosure.

#### MANUAL REMOTE



#### FAN CONTROLLER

