

VIVOSUN



GrowHub Compatibility

USER MANUAL

CONTENTS

VIVOSUN Smart Grow System	1
Controlling Other Grow Lights	2
Controlling Other Inline Fans	5

SMART GROW SYSTEM

The VIVOSUN Smart Grow System (SGS) is a fully automatic grow system empowering growers by making growing easier and more convenient. The system includes the VIVOSUN GrowHub Controller, the VIVOSUN App, the AeroLight, the VS Grow Light series, the AeroZesh, the AeroWave E6 circulation fan, and a number of forthcoming smart devices. The Vivosun SGS provides automatic equipment and climate control, remote monitoring, personalized recipes, all with an intuitive UI, that helps everyone grow what they love.



CONTROLLING OTHER GROW LIGHTS

The VIVOSUN SGS GrowHub controller E42/E42A can control grow lights from other brands with a RJ11 cable*. Once connected to the GrowHub E42/E42A, your light can be automated and control the following: light dimming, light cycles, operation time, sunrise/sunset modes, spectrum, etc. You can connect the 1st light to the controller and use daisy-chain for the rest lights to control a group of lights. We recommend daisy-chaining lights of the same brand as daisy chaining lights from different brands can be unpredictable (but usually does work).

Once your light is connected to the GrowHub, it will join the VIVOSUN SGS family with Wi-Fi control ability. You can use the VIVOSUN app to control lights, visit data log of environmental conditions, grow recipes, receive alerts about climate changes, etc. As a member of the VIVOSUN SGS, your lights will work with other connected devices like ventilators, circulation fans, humidifiers to create a suitable environment for growing your plants.



* RJ11 cable may be sold separately for Smart Grow Kit.

CONTROLLING OTHER GROW LIGHTS

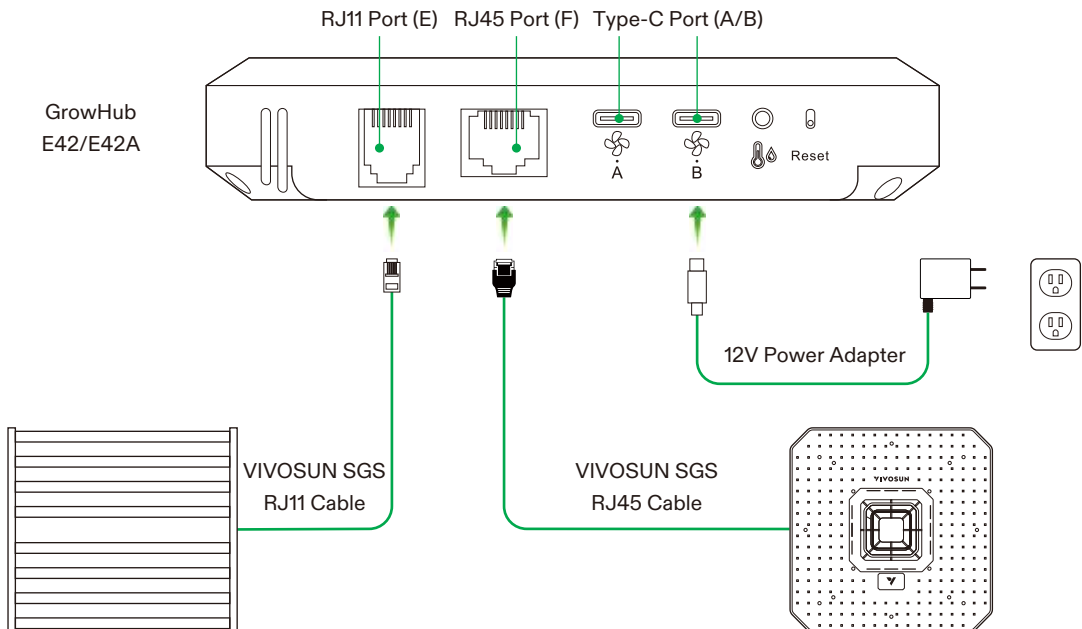
Light Connection

You must use the RJ11 cable we provide (with VIVOSUN SGS label) to connect your light and the GrowHub Controller E42/E42A to the E port of the controller. Next, connect the included 12V power adapter to the type-C port (either A or B) on the controller and to an AC outlet (your home outlet) to provide power to the controller. If you have other VIVOSUN SGS devices connected to the same controller, the 12V power adapter will not be needed as the controller will receive power from the VIVOSUN product. If you want to use the VIVOSUN AeroLight, please connect it to the RJ45 port (F) on the controller with the VIVOSUN SGS RJ45 cable (included with the AeroLight).

For more information, please read the GrowHub E42/E42A manual.

Note: Some lights may need to turn to the controlled mode (like "EXT") before they can be controlled by GrowHub E42/E42A. See details on the manual of your light or contact the manufacturer for more information.

Diagram of Light Connection



CONTROLLING OTHER GROW LIGHTS

List of Compatible Light by Brand

Brand: Models	Port on GrowHub E42/E42A
BESTVA: Bat, TF Series	RJ11 port(E)
FLEXSTAR: PRO, SE, MATRIX, TRIFOLD, NOVA Series, LTL630W	RJ11 port(E)
GROWER'S CHOICE: ROI Series, TSL-800	RJ11 port(E)
HYPHOTONFLUX: HPF, PRO Series	RJ11 port(E)
MARS HYDRO: TS, FC, FC-E, SP Series	RJ11 port(E)
LUXX: 200, 645, 860 Series, DE100(HPS)	RJ11 port(E)
MEDIC GROW: EZ, FOLD, MINI SUN Series	RJ11 port(E)
PHLIZON: PL, FD, PRO Series	RJ11 port(E)
SPIDER FARMER: G, SE, SF Series	RJ11 port(E)
SUNRAISE: Bar Series	RJ11 port(E)
VIPARSPECTRA: KS5000(2023), XS2000(2023), PRO Series(2023)	RJ11 port(E)
VIVOSUN: Aerolight Series	RJ45 port(F)
VIVOSUN: VS(Except VS1000E), VSF, VSFD, VSFL Series, VSX3200	RJ11 port(E)
VOLT: VL Series	RJ11 port(E)

Attention! Some light models may only support a limited number of daisy-chained lights and have a limited dimming range so these lights may not function as you expect. We recommend contacting your light's manufacturer for more information.

VIVOSUN will continuously update our products to ensure lights are compatible with the VIVOSUN SGS.

All BRANDS listed above are registered trademarks of their respective companies.

VIVOSUN does not claim any affiliation with these brands.

CONTROLLING OTHER INLINE FANS

The VIVOSUN E42/E42A SGS GrowHub controller can control inline duct fans from other brands. Certain models may need an adapter included with the controller*. Once connected to the GrowHub E42/E42A, your fans can be controlled and automated in the following ways: speed control, running cycles, auto trigger, etc.

Once your fan connected to the GrowHub, it will join the VIVOSUN SGS family with Wi-Fi control ability. You can use the VIVOSUN app to control, visit data log of environmental conditions, use grow recipes, receive alerts, etc. As a member of the VIVOSUN SGS, your fan will work with other connected devices like grow lights, circulation fans, humidifiers to create a suitable environment for growing your plants.



* Fan adapter may be sold separately from the Smart Grow Kit.

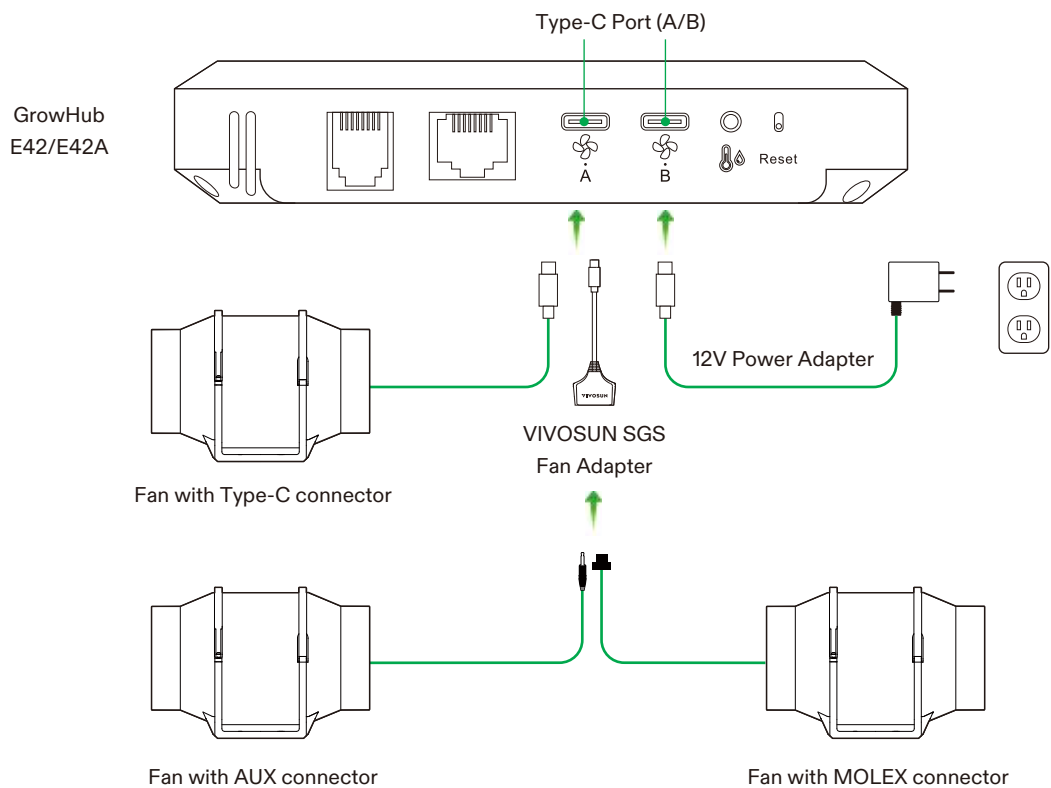
CONTROLLING OTHER INLINE FANS

Fan Connection

Check your fan's output connection first. If it is type C connector, plug the male connector into the type C port (A or B) on the GrowHub E42/E42A. If it is AUX or MOLEX connector, plug into the respective port on our fan adapter (type-C to MOLEX&AUX). Next, plug the fan adapter into the type-C port (A or B). Connect the included 12V power adapter to the other type-C port (A or B) on the controller and AC outlet to get power for the controller. If you have other VIVOSUN SGS devices connected on the same controller, the 12V power adapter is not needed.

For more information, please read the GrowHub E42/E42A manual.

Diagram of Fan Connection



CONTROLLING OTHER INLINE FANS

List of Compatible Inline Fans by Brand

Brand: Models	Port on GrowHub E42/E42A
AC Infinity: Cloudline A, B, S, T Series with Type-C connector	Type C Ports(A/B)
AC Infinity: Cloudline Series with Molex connector	Type C Ports(A/B) with Fan adaptor
VIVOSUN: AeroZesh Series	Type C Ports(A/B)
VIVOSUN: Other Inline Fans with AUX Connector	Type C Ports(A/B) with Fan adaptor

VIVOSUN will keep updating more fans compatible with the VIVOSUN SGS.

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Designed by **VIVOSUN** in California.
Made in China