

IR DISTRIBUTION

Three Zone Six Source IR Kit



**Vanco Part Number
EV-IRKIT6**

**Three Zone Six
Source IR Kit**



www.vanco1.com • 800.626.6445

DEAR CUSTOMER

Thank you for purchasing this product.
For optimum performance and safety, please
read these instructions carefully before connecting, operating or
adjusting this product. Please keep this manual for future reference.

WARNING

1. Do not expose this unit to water, moisture, or excessive humidity.
2. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
3. To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
4. Do not install near any source of heat, including other units that may produce heat.
5. Do not place unit near flames.
6. Only clean unit with a dry cloth.
7. Unplug unit during lightening storms or when not used for an extended period of time. A surge protector is strongly recommended.
8. Protect the power cord from being walked on or pinched, particularly at the plugs.
9. Use unit only with accessories specified by the manufacturer.
10. Refer all servicing to qualified personnel.

INTRODUCTION

The Evolution by Vanco EV-IRKIT6 Three Zone Six Source IR Kit allows for controlling multiple sources from multiple displays, remotely via IR. Have concealed source equipment controlled by up to three separate display locations. The EV-IRKIT6 features a low profile receiving pigtail with a confirmation led notification, expandable up to two more receiving pigtails for additional zones. The kit also includes (2 qty) dual emitter pigtails to control up to four sources right out of the box, expandable up to four more dual emitters for an expanded IR distribution system. The EV-IRKIT6 is a great and reliable IR solution that is fully expandable for additional zones and/or source equipment.

Three Zone Six Source IR Kit

Part # EV-IRKIT6

- Allows for the Transmission of IR Signals from up to 3 IR receivers to 6 dual emitters
- IR Receiver works in most lighting environments, including CFL
- Kit includes (1) Connecting Block, (1) Mini IR Receiver, (2) Dual IR Emitters and (1) 12V DC Power Supply
- A total of 6 IR dual emitters can be supported for up to 12 sources
- IR Receiver Frequency Range: 34 kHz to 60 kHz, RC-MM codes
- IR Emitter Frequency Range: 38 kHz to 56 kHz
- Range: Receiving distance – 25ft; Emitting distance – 4-8in
- Power Consumption: 12VDC, 30mA max
- Connecting Block Dimensions: 2.8" W x .90" H x 1.8" D

SPECIFICATIONS

Receiver Frequency Range	34 kHz to 60 kHz, RC-MM codes
Emitter Frequency Range	38 kHz to 56 kHz
Receiving Distance	25ft
Emitting Distance	4-8in
Power Consumption	12VDC, 30mA max

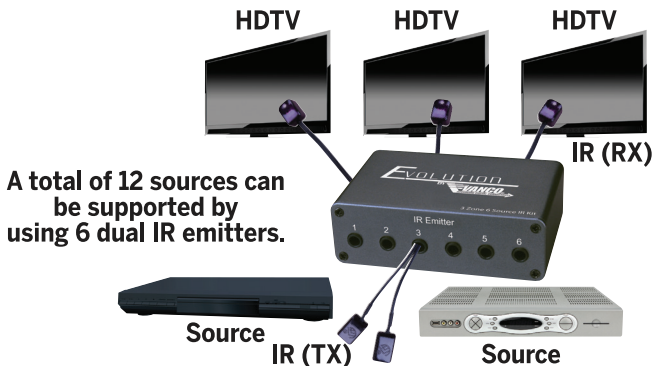
Dimensions

Connecting Block	2.8" W x .90" H x 1.8" D
IR Receiver	5ft (length of cable)
IR Emitter	10ft (length of cable)

PACKAGE CONTENTS

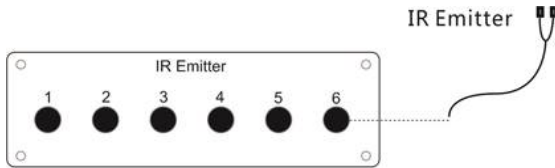
- (1) Connecting Block
- (1) IR Receiver pigtail
- (1) IR dual Emitter pigtail
- (1) 12V DC Power Supply
- (1) User Manual

CONNECTION DIAGRAM

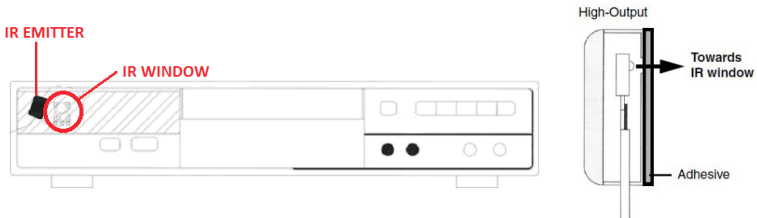


CONNECT AND OPERATE

Connect the provided dual-IR emitter to one of the numbered "IR Emitter" ports on the connecting block



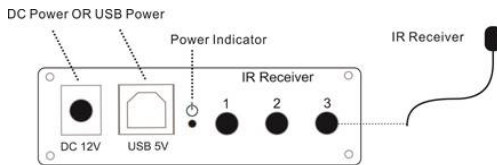
Locate the IR eye window on the source device. This can usually be seen when using a flashlight pointed at the front of the source at an angle or can be found in the product's user manual.



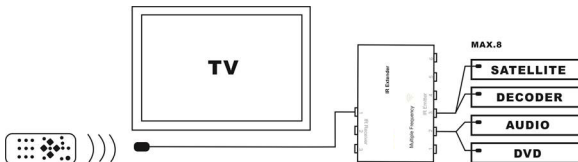
Place or stick each IR emitter onto the sources such as a Blu-ray player, cable or satellite box, etc. See the illustration above for correct IR emitter placement on sources.

Note: Placement of the IR Emitter is important and can result in the IR system not working if improperly placed.

Connect the IR Receiver to the numbered "IR Receiver" ports on the Connecting Block.



Place or stick each IR Receiver at a desired position on a display such as an HDTV or HD projector.



For power, plug in the included 12V DC Power Supply into the Connecting Block (the Connecting Block can also be powered by the USB 5V port with a USB cable sold separately, for consistent performance and reliability, Vanco recommends utilizing the included 12V DC power supply).

Note: Test by ensuring confirmation light on IR Receiver illuminates when sending IR controls to it.

IR RECEIVER EXTENSION

If a longer IR Receiver run is desired, the IR Receiver pigtail can be extended two ways:

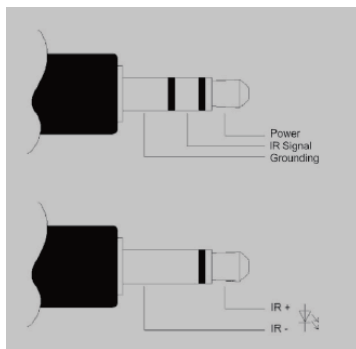
1. Cutting and splicing the cable.

This is a traditional method in which the IR Receiver cable is cut and spliced into a longer length cable such as a 3 conductor cable or category cable. For reference, when cutting the IR Receiver cable, here are the color codes for each wire:

Tip = White = Signal

Ring = Red = Power

Sleeve = Black = Ground



2. Utilizing the optional IR 3.5mm In-Line Jack (part #s 280752 and/or 280753)

- Installing (2 qty) IR jacks allows for a much easier and cleaner installation
- The jacks allow the IR Receiver to be plugged into the 3.5mm jack, and on the other side are spring loaded terminals to directly connect a 3 conductor cable or category cable. The second jack would require a stereo cable to be connected to the Connecting Block.



Part # 280753



Part # 280752

LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to techsupport@vanco1.com.

When calling, please have the Model Number, Serial Number (affixed to the bottom of the unit) and Invoice available for reference during the call.

Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation.

All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theater applications.

For additional information, such as helpful installation videos, etc. please visit www.vanco1.com

LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

Manufacturer reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.



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