



# FP Series

Install Instructions For:  
Motion Sensor

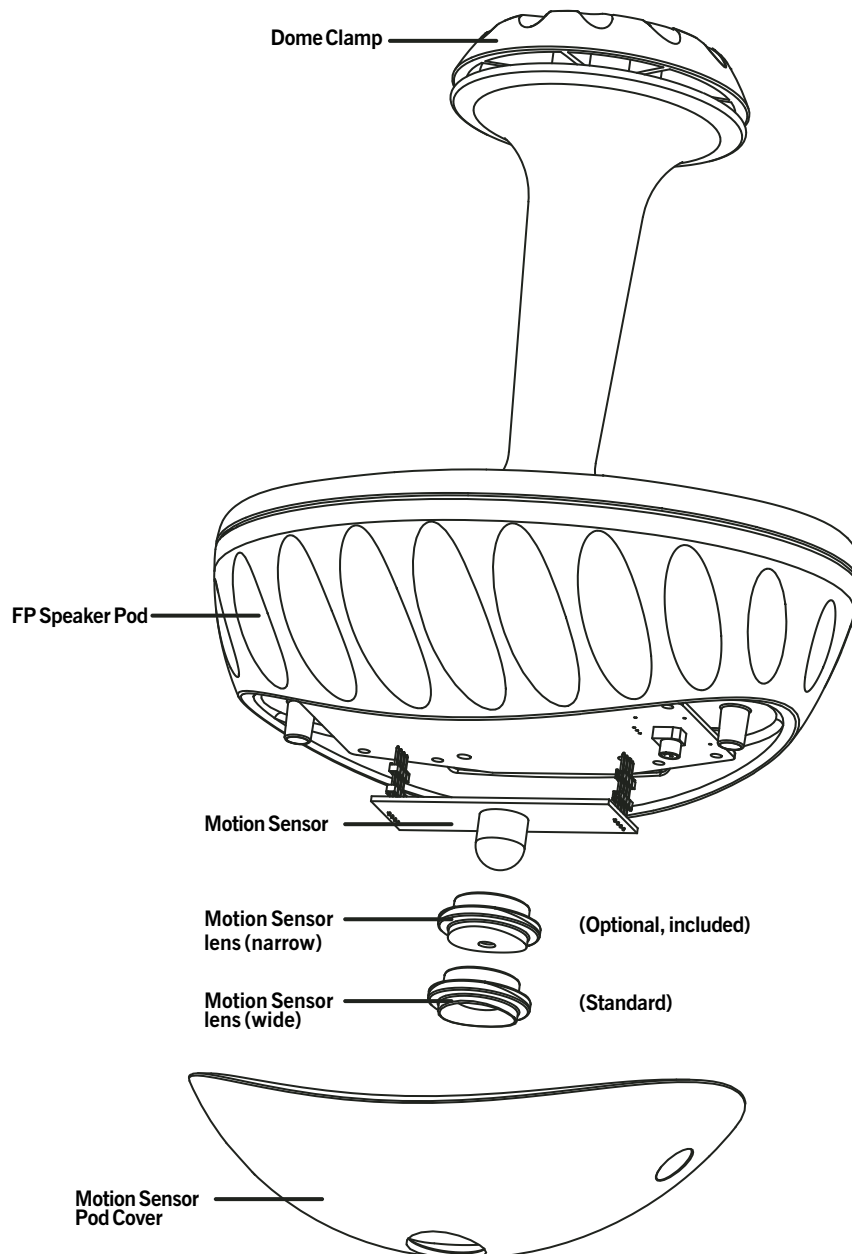
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## ATTENTION

The FP pod comes with the motion sensor lens preset to a wide angle and will trigger audio activation from movement beyond the diameter of the dome. For applications with a narrow motion sensor angle, follow these instructions. The narrow motion sensor lens will trigger audio activation only when someone is standing directly underneath the dome.

## Motion Sensor Accessory Contents

- 1 FP Pod with wide lens
- 1 Narrow lens



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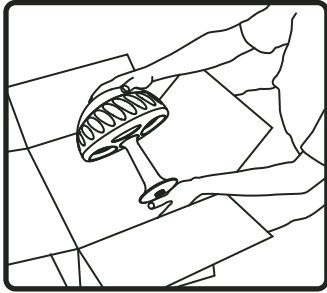
### Warning

SoundTube speakers must be installed by a professional audio installer/contractor. For safety and for optimum audio performance, installer must follow all directions issued by SoundTube Entertainment.

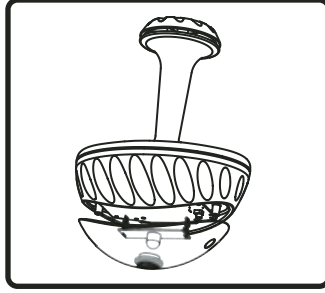
### Warning

Do not spec or install speaker near support beam, ventilation duct or other structure that may interfere with speaker function or dispersion.

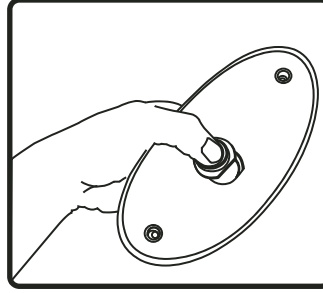
### To adjust the sensor from wide angle to narrow angle:



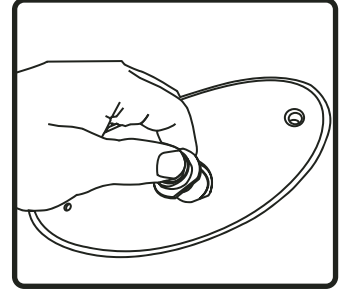
1. Unpack FP speaker pod and FP Dome.



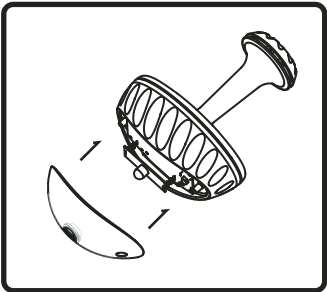
2. Remove motion sensor pod cover.



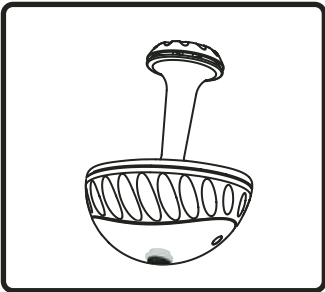
3. Remove motion sensor lens.



4. Place narrow lens into pod cover. Make sure lens is flush with outside of pod cover. Align the flat side of the lens w/ the flat side of the pod cover.

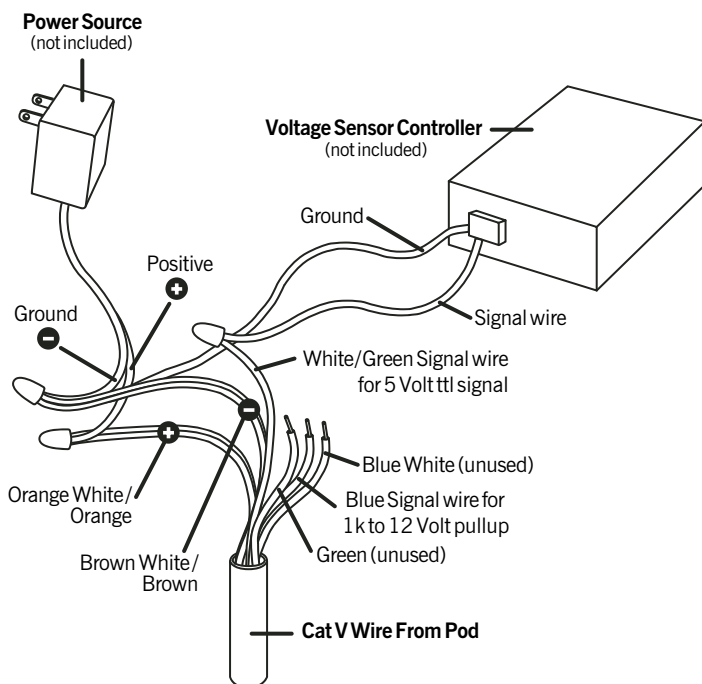


5. Place pod cover back on FP unit.



6. Complete.

### Wiring Diagram for Motion Sensor



### Power supply and voltage sensor control not included.

1. Attach the +12 V from the power supply to the Orange white and orange wire pair.
2. Attach the ground from the power supply to the brown white and brown wire pair.
3. Attach the ground from the voltage sensor controller to the brown and white wire pair also.
4. Attach the signal wire to the white/green single wire.

#### 5 Volt ttl signal (White/Green Signal wire)

- 0 Volts = motion detected
- 5 Volts = no motion detected
- The green and blue/white wires are unused.

#### 1k to 12 Volt pullup (Blue Signal wire)

- 12 Volts = motion detected
- 0 Volts = no motion detected
- The green and blue/white wires are unused.

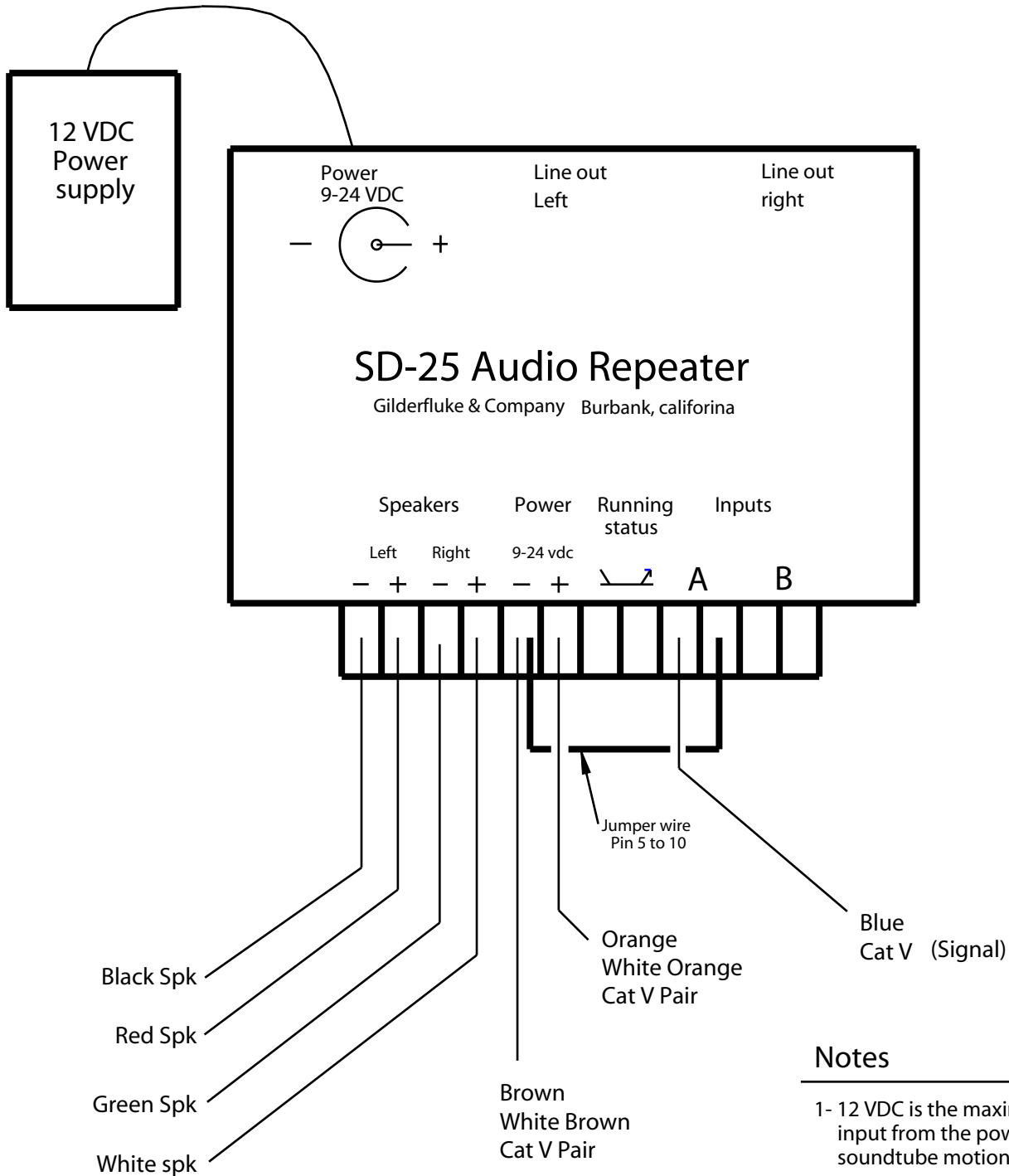


# FP Series

## Install Instructions For:

SoundTube/Gilderfluke SD-25  
 FP6030-M FP6020-M Wiring diagram

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### Notes

- 1- 12 VDC is the maximum power input from the power supply if using soundtube motion sensor
- 2- If more volume is needed the SD-25 can be bridged and run in mono mode. Internal jumpers need to be set for this mode. Please see Sd-25 configuration & installation instructions.
- 3- For operating and playback modes please see SD-25 installation sheet.

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