FP modules ship pre-installed from the factory.

Other FP Series optional modules include:

1. FP-Motion
2. FP-ScentAir
3. FP-Amp

All modules require a power source. An optional 15-volt source is available from SoundTube (Model numbers: AC-PS-1530 or AC-PS-1550).

Light connection

FP pod [2]

Main electrical board

Brightness control [6]

Jumper 4 (J4) external brightness control [4]

Light module

Jumper 2 (J2) motion sensor control [5]

LED lamp baffle
(ships with light module only)

Pod cover screws [3]

Pod cover [1]
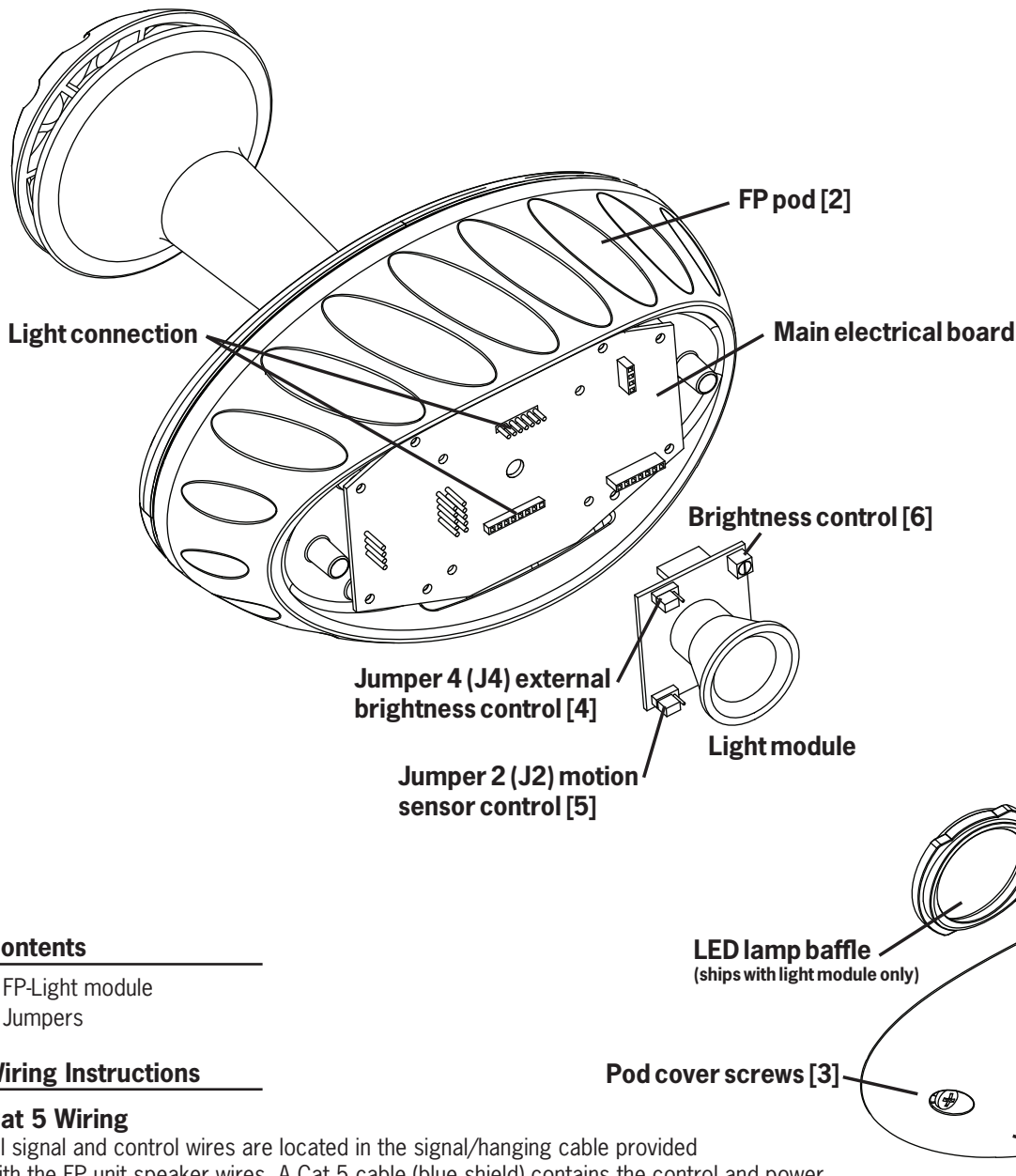
Contents

1 FP-Light module
2 Jumpers

Wiring Instructions

Cat 5 Wiring
All signal and control wires are located in the signal/hanging cable provided with the FP unit speaker wires. A Cat 5 cable (blue shield) contains the control and power wires; audio wires are individual 16-gauge wires in the bundle.

Power	External Controller	LED Light	Speaker
Power ○ = Brown/White	**Contact closure ○** = Green/White	**LED control ○** = Orange/White	**Left in ○** = White
Power ground ⊙ = Brown	**Contact closure ⊙** = Green	**LED control ⊙** = Orange	**Left in ⊙** = Green
	12 V trigger ○ = Blue/White		**Right in ○** = Red
	12 V trigger ⊙ = Orange	**Amp Control**	**Right in ⊙** = Black
		Amp gain ○ = Blue	
		Amp gain ⊙ = Orange	

FP Series

⚠ **Warning**

⚠ **Warning**

FP-Light | Light Settings and Controls

Module Description
The LED light can operate as a standard light fixture or can be triggered with the FP-Motion module. Brightness can be controlled either internally with an adjustment on the FP-Light module or externally with a global system controller. To trigger the FP-Light with the FP-Motion, refer to Section 3 and the FP-Motion installation instructions.

Section 1 – Wiring The Speaker

Connecting The External Power Supply
The FP-Light requires an external power supply rated between 12 V and 18 V (optional SoundTube accessories: AC-PS-1530 and AC-PS-1550). Connect the power supply to the brown/white (+) and brown (-) wires in the Cat 5 cable.

Section 2 – Adjusting the Brightness

Remove The Pod Cover
Remove the pod cover [1] from the FP pod [2] by loosening the two captured screws [3] on each side (Figure 1). The screws will not come out of the cover.

Figure 1
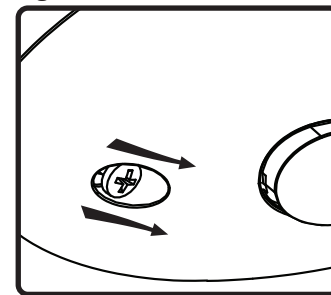
Adjust The Brightness Internally
To manually adjust the brightness of the light use a small screwdriver to turn the trim pot on the upper right corner of the light module [6]. Turning the trim pot clockwise will increase brightness and counterclockwise will decrease brightness.

Adjust The Brightness Externally
The external brightness control is disabled by factory default. To enable the external brightness control, move Jumper 4 [4] on the upper left corner of the FP Light module to the enabled position over the two right pins (Figure 2).

Figure 2
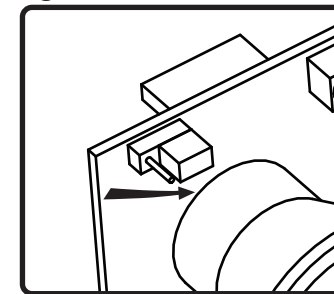
To adjust the brightness externally, incorporate a controller such as Crestron or Lutron and connect the positive lead [+] from the controller to the orange/white wire in the Cat 5, and the negative lead [–] from the controller to the orange wire in the Cat 5. The Light module accepts 0 V to 10 V DC signal to control the brightness. **To achieve maximum brightness, the trim pot must be turned fully clockwise (see previous step).**

Section 3 – Motion Sensor Triggering

Enable The Motion Sensor
Note: To use with motion triggering, both the FP-Light and the FP-Motion modules must be installed.

Since motion sensing is disabled by factory default, the light will be on continuously when power is supplied. To enable motion sensor triggering of the light, move Jumper 2 [5] on the lower left corner of the FP-Light module to the two left pins (Figure 3). When this feature is enabled, the light will only activate when motion is detected. See FP-Motion sensor instructions for settings and controls.

Figure 3
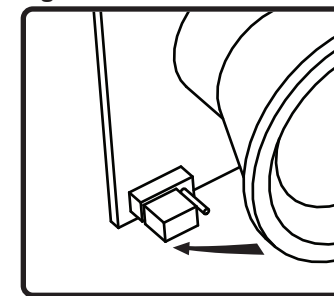
Section 4 – Replacing The Pod Cover

Replace pod cover [1] and tighten screws [3].