PIR Sensor

Rev.A

Hardware Version Rev.A 01/2022

Revised version – August 18th, 2023

Overview

The PIR Sensor detects objects or people within a range of up to 4 meters in front of the sensor using passive infrared technology (not visible). It is connected to the corresponding audio player via the specific player input and supplied with power by the player.

Technical data

- 4 pin cable (2,5m)
  - White – GND
  - Brown - OUT
  - Green - GND
  - Yellow – 5V
- Dimensions: 110x58x59mm (WxDxH)
- Current consumption: 5mA

Connection to ULTRA 2 MP3 player:

Colour	Name	Connection to player
White	GND	Clamp IN1 Pin 2
Brown	OUT	Clamp IN1 Pin 1
Green	GND	Clamp 5VDC Pin 2
Yellow	5V	Clamp 5VDC Pin 1

Connection to ULTRA AMP 2 MP3 player:

Colour	Name	Connection to player
White	GND	DSUB socket (female) BUTTON Pin 9
Brown	OUT	DSUB socket (female) BUTTON Pin 1
Green	GND	DSUB socket (male) RS232 Pin 5
Yellow	5V	DSUB socket (male) RS232 Pin 9