








DIP Switch Time Delay Settings

Ch.2  On Ch.1  Off	10 sec.	Ch.2  On Ch.1  Off	15 min.
Ch.2  On Ch.1  Off	30 sec.	Ch.2  On Ch.1  Off	30 min.
Ch.2  On Ch.1  Off	60 sec.	Ch.2  On Ch.1  Off	60 min.
Ch.2  On Ch.1  Off	5 min.	Ch.2  On Ch.1  Off	Infinity

AC SENSOR
SWITCH LD2000-P

PIR CONTROLLER

SPECIFICATIONS	LD2000-P
Input/Output	220-240VAC 50Hz
Power outputs	2
Channels	2
Maximum Load (total)	500W
Switching Method	Solid-state
PIR sensor inputs	4
Sensor Pins	0V, 5V, Input
Timer settings (8)	10, 30, 60 sec. 5, 15, 30, 60 min. infinity
Dimensions	H: 35mm W: 56mm L: 153mm
CERTIFICATION	
EMC	AS/NZS CISPR14.1:2010
Electrical Safety	AS/NZS 61558; AS/NZS 3820:2009
Flammability	ABS AF312C-NP 94VO

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AC SENSOR SWITCH LD2000-P

Mini PIR Installation Instructions

The **LD2000-P** is a controller for use with PIR sensors capable of switching power to one or two individual loads.

LD2000-P controller



A maximum of two PIR sensors can be connected to each controller. One per channel or two on the same channel.

TIMER

Timer settings allow the controller to remain on for a preset period from 10 seconds through to one hour.

The timer will restart with any subsequent triggering within the timing cycle.

LOADS

LED drivers, electronic and iron core transformers, incandescent and fluorescent lights. Motors, relays, solenoids and fans.

OUTPUT POWER

Switching is solid-state with a maximum total load connected to all outputs of 500W.

Miniature PIR Sensor

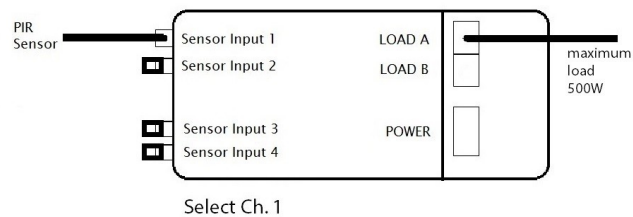
Available in black or white finish



Connections

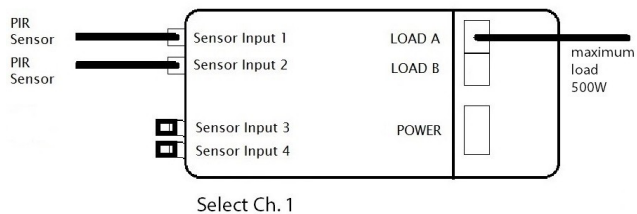
SINGLE LOAD WITH ONE PIR

1. Remove jumper and connect the PIR to Sensor Input 1.
2. Jumpers remain on Sensor Inputs 2, 3 & 4.
3. Push LHS DIP switch down to select single channel.
4. Connect mains power.
5. Connect load to Load A.
6. Set timer for delay. (Refer to Page 4).



SINGLE LOAD WITH TWO PIR'S

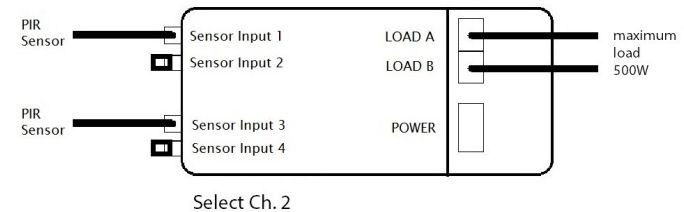
1. Remove jumper and connect first PIR to Sensor Input 1.
2. Remove jumper and connect second PIR to Sensor Input 2
3. Jumpers remain on Sensor Input 3 & 4.
4. Push LHS DIP switch down to select single channel.
5. Connect mains power.
6. Connect load to Load A.
7. Set timer for delay. (Refer to Page 4).



Connections & Timing

TWO INDIVIDUAL LOADS WITH ONE PIR ON EACH INPUT

1. Remove jumper and connect first PIR to Sensor Input 1.
2. Remove jumper and connect second PIR to Sensor Input 3.
3. Jumpers remain on Sensor Inputs 2 and 4.
4. Push LHS DIP switch up to select two channels.
5. Connect mains power.
6. Connect first load to Load A. Controlled by PIR on Sensor Input 1.
7. Connect second load to Load B. Controlled by PIR on Sensor Input 3.
8. Set timer DIP switches for delay. (Refer to Page 4).



Timing

The three RHS DIP switches are used for timing. Eight timer settings from 000 to 111 provide a range of 10 seconds through to 1 hour then infinity. The timer sequence will recommence with subsequent triggering. (Refer to Page 4).

Notes

1. The PIR may take up to 2 minutes to initialize but could be longer depending on parameters.
2. Connected load/s will be on during the initialization period but will switch off when fully operational.
3. Detection range for our miniature PIR is typically 1.5 - 2 metres.