

Pedestrian Controller

Features: -

- Amber countdown with Pedestrian Green Symbol
- Red "Standing Man" Symbol
- Flashing red "Standing Man" while awaiting Green (Push Button activated)
- Green "walking Man" moving figure (animated)
- On-demand sequence activation
- Operational hours programmable
- Manual control for Green time extension for special occasion
- Audible sound on Green (optional) for children, elderly or hearing impaired



Electrical Properties

Model Number	AP - 281 - YE
Noise Immunity	1,000 Vp-p with pulse width 50 ns and 1 us (based on in house measurement)
Voltage	100 - 260 VAC
Frequency	50 ± 3 Hz
Spark Suppression	RC network
External Output Protection	Fuse 24V 3A
External Input Voltage	24 VDC
Logic Module	140 X 90 X 50mm
Controller Housing	460 X 207 X 914mm Stainless steel panel

Environmental Properties

Operating Temperature	0° to 85°C
Humidity	35% to 95%
Vibration resistance	10 Hz to 55 Hz, 1 cycle/min Double amplitude of 0.75mm 10 min on 3 axes
Shock resistance	Shock of 98 ms/s ² or more 4 times on 3 axes
Logic Module	140 X 90 X 50mm
Controller Housing	460 X 207 X 914mm Stainless steel panel

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PPK Technology products are available nationwide in Malaysia or overseas through selected agents. Products can be supplied, installed, configured and tested by PPK Technology or an approved contractor. For a complete list of products and services available and technical support staff, contact our office or visit our worldwide web at <http://www.ppktech.net>

Minimum Requirements

- Pedestrian crossing for walking pedestrians
- Site-visit is conducted or junction drawing studied before giving proposal

Package Contents

Generally consists of: -

- Pedestrian Controller
- Pedestrian Aspects - Animated or non-animated
- Optional Lintas-Nanti Aspects
- Mounting Poles and Cabling

PEDESTRIAN CONTROLLER

Providing Intelligence and Safety for Pedestrians



The PC-1000 Series Pedestrian Controller has been designed in response to the increasing number of accidents among pedestrians. The design of the system is flexible and the system can be operated automatically or manually subject to the requirements. Arrival rates of vehicle are occasionally low or random and pedestrians experience undue delay waiting for a vehicular indication to turn red. Vehicular green indications are too short to allow for a pedestrian to safely cross a wide road. Pedestrian can get "trapped" on median islands in the middle of a complex intersection.

In view of this, PPK Technology designed the PC-1000 series. The PC-1000 is suitable when the layout of an intersection is such that vehicular indications are not visible to pedestrians or if pedestrian volumes are very heavy, as in a city center. Also, the PC-1000 is recommended when the traffic movements at an intersection are so complex that special efforts have to be made to communicate

with pedestrian, if a special pedestrian path has to be defined across a complex intersection and if pedestrians have to be given exclusive use of an intersection in the interest of safety. The PC-1000 Series consists of 2 parts, the "walking human figure" and the "countdown display". The green "walking figure" displays 8 or more graphics sequentially.

Due to the persistency of the human eye, the figure appears walking. The figure has two walking speeds, when the sign starts to flash, it walks at higher speeds and flashes. As soon as the pedestrian green light initializes, the yellow countdown display starts to decrement toward zero. The traffic sign can be switched to manual control. In this case, the yellow countdown display is off. A slowly walking green or red "walking figure" is displayed. During night time, when the traffic sign is switched to flashing yellow, the countdown display is synchronized to the control signal.

Amber countdown with Pedestrian Green Symbol provided	Provides on-demand sequence activation	Ability to program operational hours or extend green time	Animated walking figure and audible sound on green (optional)
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