

PSC-5

PSC-5 - Intelligent Sign Control Board

THE ENGINEERING IS DONE Intelligent Sign & Audio Control

Details

Part Number	PSC-5
Part Name	PSC-5 Intelligent Sign Control Board
Type	Programmable warning controller
Dimensions	6 W x 4 H in
Material	PCB assembly
Finish	Exposed circuit board
Rating	Indoor control / no IP rating
Power Input	12VDC, 5A

- 2 programmable dry-contact inputs
- 4 programmable 12VDC outputs
- Flashing or constant output modes
- 5-60 second activation timer
- 4 selectable audio files
- Nighttime audio shutoff scheduling

Solution

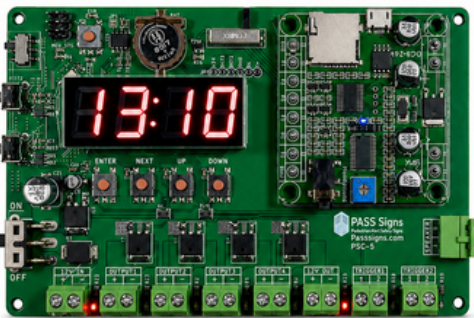
Intelligent control for vehicle and pedestrian warning systems, traffic alerts, gates, audio messages, and active signs.

Description

The PSC-5 receives signals from motion detectors, loop detectors, beam sensors, gates, push buttons, and other dry-contact devices. It coordinates four 12VDC outputs plus selectable audio, allowing signs and alert devices to flash or operate continuously.

Operations

Two programmable inputs accept normally open or normally closed dry contacts. Four timed outputs can be set for flashing or constant operation. Activation is adjustable from 5 to 60 seconds. Four audio files, volume control, and scheduled nighttime audio shutoff support site-specific operation.



PSC-5 Intelligent Sign Control Board
Intelligent warning system control
P/N: PSC-5

Features

- Intelligent controller for warning signs and alert devices
- 2 programmable inputs
- 4 programmable 12VDC outputs
- Accepts dry-contact triggers, NO or NC
- Audio module with volume control
- Programmable audio cut-off timer
- 4 selectable audio files
- Compact size: 6" W x 4" H
- 12VDC power input

Applications

- Vehicle exit warning systems
- Pedestrian warning systems
- Active sign and flashing alert control
- Loop detector and motion detector integration

2 programmable inputs

4 programmable outputs

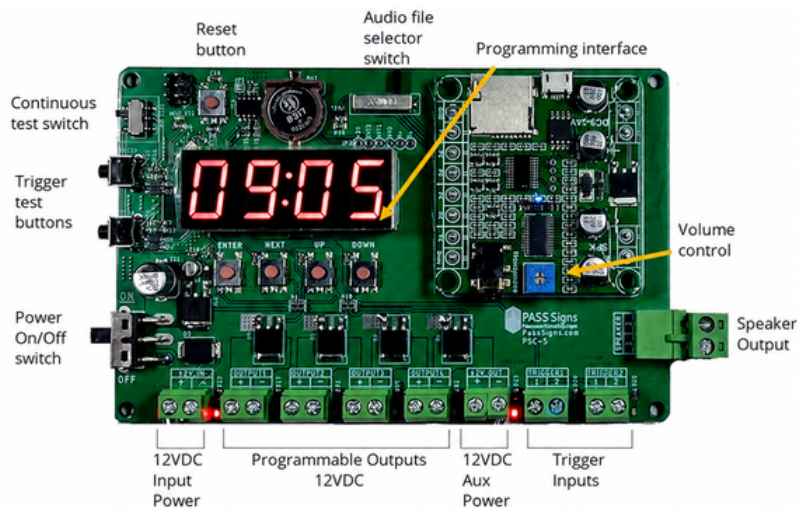
12VDC sign control

Board Package

(1) PSC-5 control board
Onboard audio module
Real-time clock with backup battery
Programming and wiring guide

Power supply and enclosure sold separately

Controls & Terminals



Applications

Vehicle exit warning systems
Pedestrian warning systems
Two-way parking-ramp control
Overheight detection systems
Gate and roll-up-door alerts
Custom warning and automation systems

Core Specifications

Trigger Inputs	2 dry-contact, NO or NC
Controlled Outputs	4 x 12VDC, 1A each
Combined Load	3A maximum
Auxiliary Power	12VDC, 1A maximum
Activation Timer	5-60 seconds
Audio System	4 files; volume + shutoff

Product Kits

PSC-5 Central Controller
 Sign and audio warning controller
 P/N: PSC-5-Central

Inputs

- 12VDC power input
- Trigger 1 - Dry Contact
- Trigger 2 - Dry Contact
- Supports NO / NC sensors

Outputs

- Output 1 - 12VDC
- Output 2 - 12VDC
- Output 3 - 12VDC
- Output 4 - 12VDC
- Speaker / Audio Output

Programmable audio shutoff timer

Input Power: 90-240VAC or 12VDC 5A

2 programmable inputs

4 programmable outputs

Audio warning control

ENGINEERED FOR RELIABILITY

- ✓ Dry-contact trigger compatible
- ✓ Programmable audio cutoff
- ✓ Flexible AC or DC input power