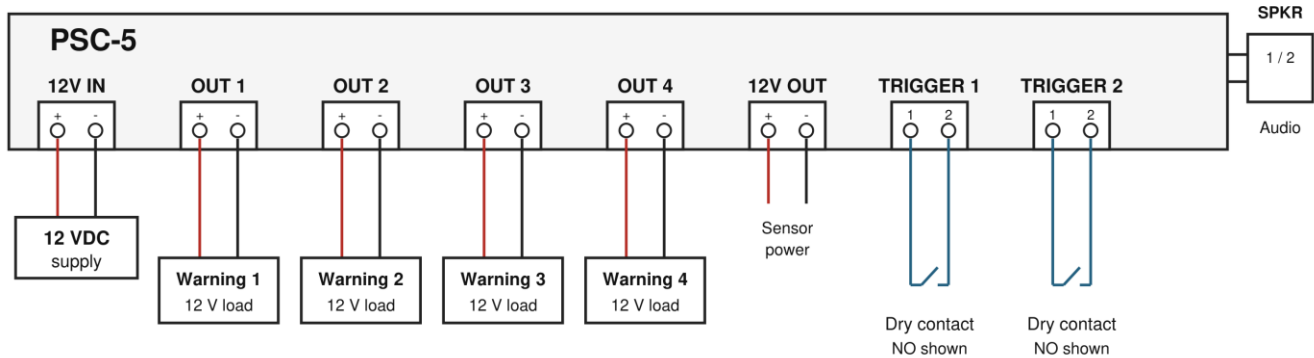


PSC-5 QuickSheet

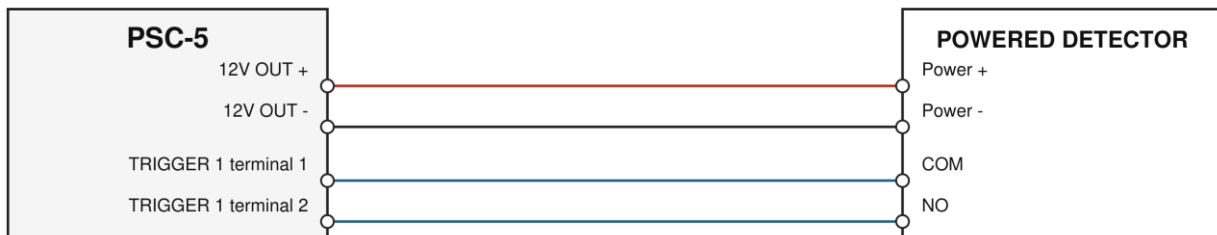
Mode 1 Wiring and Basic Information

Either Trigger 1 or Trigger 2 activates Outputs 1 through 4 and audio for the programmed time. Each output can flash or remain steady. Outputs are off when idle; audio follows its schedule.



Connection	Rating and wiring
12V IN	12 VDC supply; 5 A recommended, minimum 3 A without the audio module. Match + and - polarity.
OUTPUT 1 through 4	12 VDC powered outputs; maximum 1 A each and 3 A combined. Connect each load to its output + and -.
12V OUT	Auxiliary detector power; 12 VDC, maximum 1 A.
TRIGGER 1 and 2	Isolated dry contacts only. Never apply external voltage to either trigger terminal.
SPEAKER	Use the dedicated speaker terminals with a compatible speaker. Select the message and adjust volume on the audio module.

Typical powered detector connection



Power and relay contacts are separate circuits. Do not bridge them.

For Trigger 2, use its two terminals. Use NC instead of NO only with OPEn selected.

Use COM and NO with CLOS selected. For a contact that opens on detection, use COM and NC with OPEn selected. Leave unused inputs set to CLOS. Follow device terminal markings, not assumed wire colors.

Install and test: Disconnect power before wiring. Have an experienced technician verify polarity and load limits. Program using the reverse side, then test each input, timing, lights, and audio. Return the continuous test switch to normal.

Quick Programming

1 ENTER PROGRAMMING

Hold ENTER + NEXT for 3 seconds until P001 appears. Outputs and audio are off during programming.

2 SELECT AND EDIT

NEXT advances to the next step; a short press of DOWN goes back. Press ENTER to edit. Use UP or DOWN to change the value; NEXT selects a digit when editing time or numbers.

3 SAVE AND EXIT

Press ENTER to save each change; SAVE appears. Press the RESET button to exit programming. Alternatively, wait 30 seconds without pressing a button. Save before exiting.

Step	Setting	Options	Default
P001	Current time	24-hour HHMM	0000
P002	Audio schedule	OFF / On	OFF
P003	Audio available from	24-hour HHMM	0000
P004	Audio unavailable from	24-hour HHMM	0000
P005	Operating mode	1 Normal; 2 Directional; 3 Dual Sign; 4 Two-Way	1
P006	Activation time	5 to 60 seconds	10
P007	Delay before activation	0 to 15 seconds	0
P008	Restart activation timer	OFF / On	OFF
P009	Trigger 1 contact	CLOS / OPEn	CLOS
P010	Trigger 2 contact	CLOS / OPEn	CLOS
P011	Output 1 behavior	FLSH / CnOn	FLSH
P012	Output 2 behavior	FLSH / CnOn	FLSH
P013	Output 3 behavior	FLSH / CnOn	FLSH
P014	Output 4 behavior	FLSH / CnOn	FLSH

Display labels: CLOS = contact closes to activate; OPEn = contact opens to activate. FLSH = flashing; CnOn = constant while the output is enabled.

Mode 1 starting settings

P005 = 1; P006 = 10 seconds; P007 = 0; P008 = OFF; P009 and P010 = CLOS for normally open contacts. Set P011 through P014 to FLSH or CnOn for the connected lights. Adjust activation time after testing the actual approach.

Audio schedule: To allow audio from 7 AM to 8 PM, set P001 to the current time, P002 = On, P003 = 0700, and P004 = 2000. Equal start and end times disable audio while the schedule is On.

Countdown example: 1030 means Input 1 with 30 seconds remaining. The countdown begins after any activation delay and follows accepted timer restarts.

Final check: Keep the clock battery fitted. After setup, press RESET and test both triggers. With P008 = On, repeated or maintained detection can restart and extend the activation.