

Overview

The PC1 (FG670) is a 10-Amp Power Controller for 110 VAC (FIG. 1).

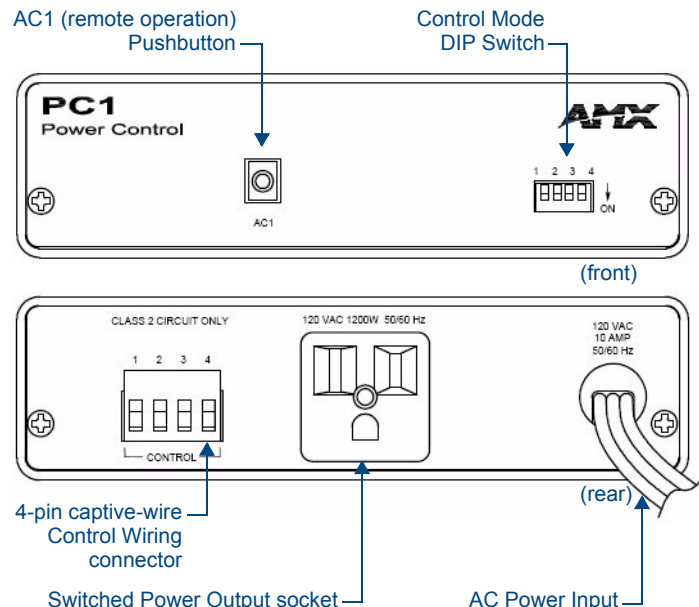


FIG. 1 PC1 Power Controller

The PC1 provides one switched power socket for up to 1200 watts of equipment power.

Note: The PC1 will work the NXC-I/O10 input/output control card.

Specifications

PCI (FG670) Product Specifications	
Control Inputs	Remote control contact and switch closure.
Power Outputs	1 switched 3-wire socket. 110 VAC. 1200 watts total.
Load Fuse	Internal 10A (load capacity).
Power Input	105 to 125 VAC. 3 watts maximum.
Front Panel Components:	
AC1 pushbutton	- This latching on/off switch controls power to a switched socket. - The LED in the pushbutton indicates that socket power is ON.
DIP Switch	Controls the AC1 pushbutton operating mode.
Rear Panel Components:	
Control	4-pin captive-wire connector providing remote operation of the PC1. - Terminals accept 24 - 12 AWG wire. - Class 2 Circuit only.
Switched Power Output	- Socket for control of external equipment. - Total max. power load = 1200 watts. - An internal 10A load fuse is provided. 120 VAC, 1200W, 50/60 Hz.
AC Power Input	3-conductor line cord providing 120 VAC power to the PS1 and switched power socket. 120 VAC, 10 Amp, 50/60Hz.

PCI Product Specifications (Cont.)

Enclosure:	Metal with black matte finish.
Dimensions (HWD)	1.5" x 5.5" x 5.5" (3.81 cm x 13.97 cm x 13.97 cm)
Weight	28 oz. (793.79 g)
Included Accessories	Power Cord - 6 ft. (1.83 m), with 3-wire grounded plug.
Other AMX Equipment	AC-RK Rack Mount Kit (FG515)

WARNING: To reduce the risk of electric shock, equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

Control Wiring

The 4-pin captive-wire connector on the rear panel (FIG. 2) provides wiring to remote pushbuttons, switches, or relay contacts.

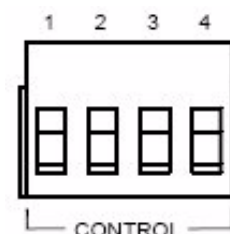


FIG. 2 4-Pin Captive Wire Control Wiring connector

The tables below list momentary/latching, and discrete on/off mode pinouts and functions.

Momentary/Latching Mode

Pin	Function
1	Unit Ground Input Contact Common
2	Channel 1 ON/OFF
3	N/C
4	N/C

Discrete On/Off Mode

Pin	Function
1	Unit Ground Input Contact Common
2	Channel 1 ON
3	N/C
4	Channel 1 OFF

DIP Switch Settings

The 4-position DIP Switch on the front panel is used to set the mode of operation for the AC1 (remote operation) pushbutton (FIG. 3).

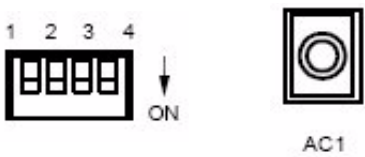


FIG. 3 DIP Switch and AC1 Remote Operation Pushbutton

The settings are shown below:

AC1 Momentary (Default)

Switch	Setting (Down = On)	1 2 3 4
1	ON	
2	ON	
3	ON	
4	ON	

AC1 Latching

Switch	Setting (Down = On)	1 2 3 4
1	OFF	
2	OFF	
3	ON	
4	ON	

Discrete ON/OFF

Switch	Setting (Down = On)	1 2 3 4
1	ON	
2	OFF	
3	OFF	
4	ON	

