

Remote Power Control Via Telephone

- Dial-up telephone access
- Four controlled receptacles
- Internal modem, 2400 baud
- Setting change confirmation
- Low cost, simple to install
- Total current and voltage displayed
- Simple control commands

Remotely Restart Four Devices

As standard dial-up voice telephone line can be used to remotely power-off and power-on devices. Using a PC with almost any serial data client software such as HyperTerminal (tm), an remote user can individually control up to four receptacles. The receptacles can be turned on or off or cycled on and off with simple commands.

Useful for retail stores or kiosks where electronic devices need occasional rebooting from a remote location.

The total current consumed by the four receptacles is reported along with the voltage.

The unit can be ordered with 1,2,3 or 4 receptacles.

Each Power Controller and each receptacle can be give a friendly name. Each Controller is factory assigned a unique 64 bit address at time of manufacture.

Two levels of password protection are provided: four users and an administrator. The user password permits power cycling and the administrator can assign privileges to each user. Each use can be assigned rights to control individual receptacles, or all receptacles.

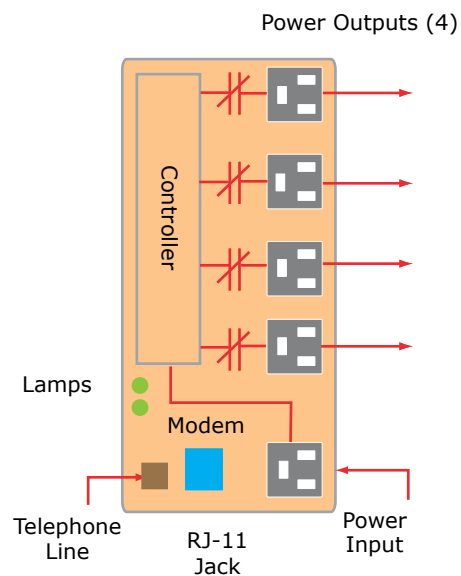
Specifications

Voltage range: 100-280 vac, 50-60 Hz
Dimensions: 8.5" W x 1.75" H x 6" D
Case: Steel, 18 ga., black
Current: 15 amps total
10 amps per receptacle
Plug: IEC C13
Receptacles: IEC C14, Four, maximum
Power used: 2 watts
Modem jack: RJ-11
Signalling protocols: V22bis 1200 baud
V22 1200 baud
Bell 212A 1200 baud
Approvals: Relays UL listed
Indicator lamps: Power on (green)
Data connect (green)
Power cycling: Relays go to On upon power On
Current measurement: 0-15 amps, RMS
Voltage measurement: 0 - 300 volts
Voltage values: Peak (last 5 seconds)
Low (last 5 seconds)
Present value
Current (amps) values: Peak (last 5 seconds)
Low (last 5 seconds)
Present value



The PowerEgg3 can be rack or wall-mounted. Simple keyboard commands control four receptacles. Password protected with up to four user names. (Picture shows prototype unit.)

Power Controller Elements



Using simple text commands each receptacle can be turned on and off. The total current consumption and voltage can also be determined.

Passwords

Passwords: Four Users
One Administrator
10 characters each password
User privileges: individual receptacle control power
Admin privileges: set passwords
set friendly names
set site name

Control and Administration Functions

HELP MENU:

'H' Help menu 'X' Hang up modem

Power measurement:

'S' Power status 'W' Max power
'V' Voltage 'C' Current
'E' Min/Max voltage 'A' Max current

Power Control:

'Nn' Power/Outlet# ON
'Fn' Power/Outlet# OFF
'Rn' Reset/Outlet (OFF-ON)

Admin:

'T' Site name
'Mn' Outlet name/Outlet#
'D' Set admin password
'Kn' Set users outlet access
'In' Set idle timeout (1-5 min)
'Yn' Set number of rings (1-9)
'L' Show log
'Pn' Set protocol (changes on next call):
1) Bell 212A (1200)
2) V.22 (1200)
3) V.22bis (2400)

Controls: Power switch
Reset to default push button

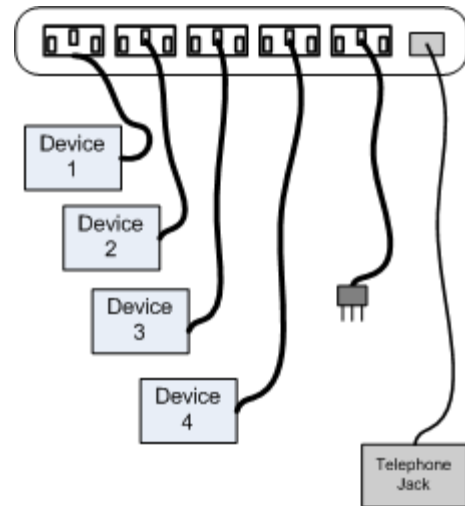
Model Number: PowerEgg3

Installation

1. Plug in all devices
2. Plug in power
3. Check to see if Power Indicator is green (on)
4. All devices should power on.
5. Run HyperTerminal or other serial modem client communications.
Type "atdt 512-555-1234" using the telephone number of the remote site.
Type "F1" to see if receptacle #1 turns off. If so, type "N1" to turn the receptacle back on.
6. Type "H" for list of commands and options.



The front panel of contains the RJ-11 telephone line jack, the power and line-connected indicator lamps and a reset push-button. If the button is held down for 15 seconds, the default settings are restored.



Wiring is simple; connect the power and a telephone line and the PowerEgg3 is ready for operation.