

Model SC64

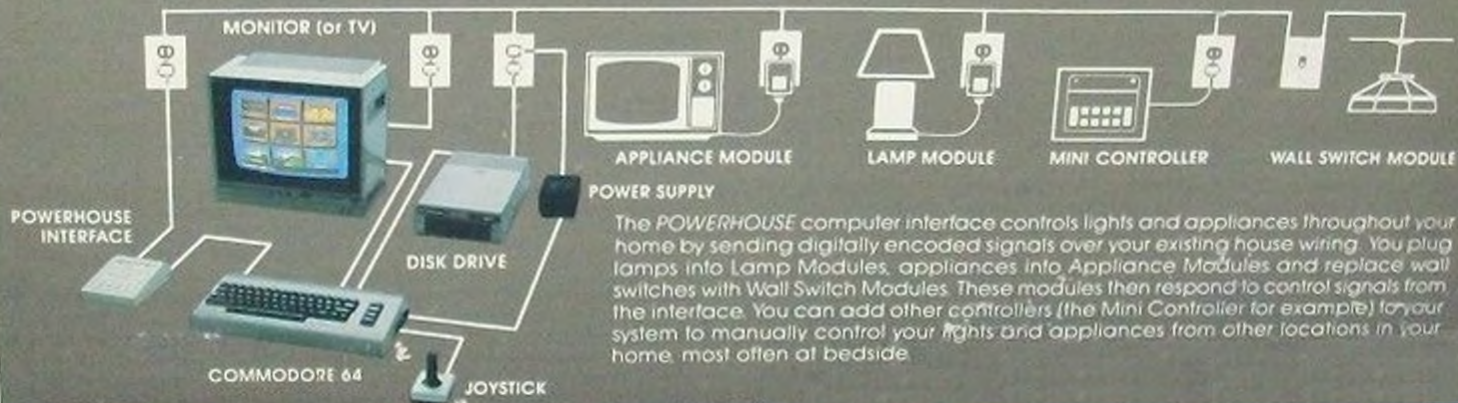


**X-10 POWERHOUSE**

# Software & Cable

**For Commodore 64**

Works with the POWERHOUSE interface to control lights and appliances throughout your home. Provides a new dimension in home convenience, security, safety and energy savings.





# ***POWERHOUSE*** <sup>TM</sup>

Software & Cable for Commodore 64

Control your home without  
tying up your computer.

# **X-10<sup>®</sup> POWERHOUSE<sup>™</sup>**

**RS-232 Computer Interface**

Requires X-10 POWERHOUSE  
Software & Cable package and  
modules to operate with your  
(RS-232) computer.



Apple is a registered trademark of Apple Computer, Inc.

# **X-10<sup>®</sup> POWERHOUSE<sup>™</sup>**

---

## ***Benefits***

The *POWERHOUSE* computer interface helps deter intruders by making your home look and sound lived in, whether or not you are there. You never have to come home to a dark house again, or leave the outside lights on all day to get the key in the door at night. The interface will turn the outside lights on for you at dusk.

The *POWERHOUSE* computer interface can wake you up to stereo or TV news, light up your bedroom, hallway, bathroom; start the coffee, start your central heating or air conditioning, warm up the curlers. . . all before you're even out of bed. But it's smart enough not to wake you up on weekends.

At night it can lower the heat, play music or your favorite late night TV show for as long as you want, and can first dim and later turn out the lights automatically.



# Put your computer to work to give convenience, security, safety and energy savings

The *POWERHOUSE* computer interface uses a color graphic interactive approach to program home control events. This method, together with the use of a joystick or mouse makes programming extremely simple and fun to do.



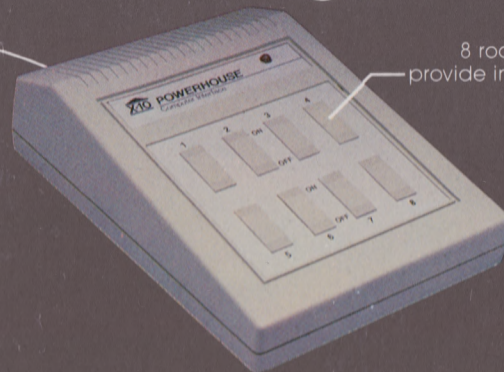
## INSTALL MODE

First select a room from the display screen. Each room has "tabs" showing the position in which you can place graphical ICONS (pictures of lights and appliances). You "install" these icons on the screen in their approximate positions in your room at home. The on-screen software instructs you how to set a module for each light and appliance to be controlled. Up to 256 icons can be installed (software dependent).



## OPERATE MODE

After "entering" a room on the screen, you select the light or appliance you wish to operate. You can program it to go on or off at any hour(s) and minute(s) of the day, on any day or days of the week. Or you simply can operate the light or appliance instantly. You can even program the brightness level of a light! Up to 256 lights and appliances can be operated or programmed (software dependent).



The interface has 8 rocker switches which provide instant on-off control of up to 8 modules

After installation and programming are completed, the interface may be disconnected from the computer and the computer may be turned off or used for other applications. *The interface doesn't tie up the computer while it runs the home control program you have entered.*

The *POWERHOUSE* computer interface connects to the RS-232 port on your computer. It has its own ROM (Read Only Memory), RAM (Random Access Memory) and internal real time clock. The interface also uses a standard 9 volt alkaline battery (not included) which will provide up to 100 hours of backup in the event of a power outage. Up to 128 timed events can be programmed. An event is an on or off time for any group of modules on any number of days.

A programmer's guide is available for anyone wishing to write their own software.



# Put your computer to work to give convenience, security, safety and energy savings

The POWERHOUSE computer interface uses a color graphic interactive approach to program home control events. This method, together with the use of a joystick makes programming extremely simple and fun to do.



## INSTALL MODE

First select a room from the display screen. Each room has 11 "tabs" showing the position in which you can place graphical ICONS (pictures of lights and appliances). You "install" these icons on the screen in their approximate positions in your room at home. The on-screen software instructs you how to set a module for each light and appliance to be controlled. Up to 95 icons can be installed.



## OPERATE MODE

After "entering" a room on the screen, you select the light or appliance you wish to operate. You can program it to go on or off at any hour(s) and minute(s) of the day, on any day or days of the week. Or you simply can operate the light or appliance instantly. You can even program the brightness level of a light. Up to 95 lights and appliances can be operated or programmed.



The POWERHOUSE computer interface can control your outside lighting for added security, so you'll never come home to a dark house again.

After installation and programming are completed, the interface may be disconnected from the computer and the computer may be turned off or used for other applications. *The interface doesn't tie up the computer while it runs the home control program you have entered.*

The POWERHOUSE computer interface connects to the user port on your Commodore 64. It has its own ROM (Read Only Memory), RAM (Random Access Memory) and internal real time clock. The interface also uses a standard 9 volt alkaline battery (not included) which will provide up to 100 hours of backup in the event of a power outage. Up to 128 timed events can be programmed. An event is an on or off time for any group of modules on any number of days.

A programmer's guide is available for anyone wishing to write their own software.

# **X-10 POWERHOUSE™**

RS-232 Computer Interface  
Model Number CP 290

120 Volts AC  
60 Hz 2.5 Watts

For use with  
X-10® modules

For indoor use only.

No user serviceable parts inside.

Designed to connect with the X-10 to a class of computing device  
product as required in part 15 of FCC rules.  
See owner's manual for instructions. No other action is required.

© 1990 X-10 (USA) Inc.  
Made in Hong Kong



UL Listed 340F  
Remote Controller

Requires software and data cable  
(sold separately)

Requires 9V Alkaline Battery

X-10 (USA) Inc.  
Northvale, N.J. 07647

 **POWERHOUSE**™

NUMBER ONE IN HOME CONTROL

Home Control software For Commodore 64 Cat No. SC 64 Version 1.0.














































For use with X-10® POWERHOUSE™  
Computer Interface, Model No. CP 290

X-10(USA) Inc., 185A LeGrand Ave.,  
Northvale, N.J. 07647 (201) 784-9700

 **POWERHOUSE**™  
NUMBER ONE IN HOME CONTROL

# LOCATION CHART LABELS

THESE CONVENIENT PREPRINTED LABELS MAY BE PEELLED OFF AND INSERTED IN THE APPROPRIATE BOXES ON THE LOCATION CHART. THEY CAN BE USED INSTEAD OF WRITING DIRECTLY ON THE CHART, OR TO CHANGE ANYTHING WRITTEN ON THE CHART.

SPARE LABELS	APPLIANCE UNITS		WALL LIGHT SWITCH UNITS		LAMP UNITS			
								
								
								
								
								
1	2	3	4		1	2	3	4
5	6	7	8		5	6	7	8

HALL	FRONT	FRONT	FRONT	FRONT	REAR	REAR	REAR	REAR
HALL	LEFT	LEFT	LEFT	LEFT	RIGHT	RIGHT	RIGHT	RIGHT
FAM	SIDE	SIDE	SIDE	SIDE	GRGE	GRGE	BSMNT	BSMNT
FAM	DEN	DEN	KTCHN	KTCHN	BATH	BATH	ATTIC	ATTIC
FAM	BED 1	BED 1	BED 1	BED 1	BED 2	BED 2	BED 3	BED 3
FAM	DINRM	DINRM	DINRM	DINRM	LIV RM	LIV RM	LIV RM	



**X-10 POWERHOUSE™**

**RS-232 Computer Interface  
Model Number CP 290**

120 Volts AC  
60 Hz 2.5 Watts

For use with  
X-10® modules

For indoor use only.

No user serviceable parts inside.

Certified to comply with the limits for a class B computing device  
pursuant to subpart J of part 15 of F.C.C. rules.  
See owner's manual if interference to radio reception is suspected.

FCC ID B4S5WF CP290  
Made in Hong Kong

X-10 (USA) Inc.  
Northvale, N.J. 07647



Requires Software and Data Cable  
(sold separately)  
Requires 9V Alkaline Battery



**X-10 POWERHOUSE™**  
Computer Interface



1



2



ON

OFF

3



4



5



6



ON

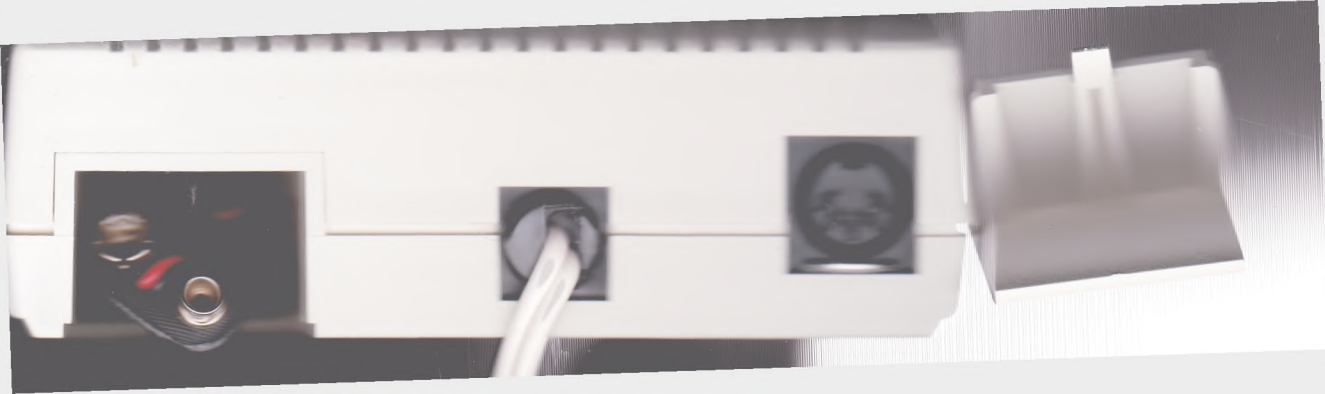
OFF

7



8





Moisten flap and fix to other end after folding along dotted line in center.

**WARRANTY REGISTRATION CARD FOR  POWERHOUSE™  
COMPUTER INTERFACE**

<p>First Name <input style="width: 150px;" type="text"/> Last Name <input style="width: 150px;" type="text"/></p> <p>Street Address <input style="width: 180px;" type="text"/></p> <p>City <input style="width: 150px;" type="text"/> State <input style="width: 50px;" type="text"/> Zip <input style="width: 100px;" type="text"/></p>	<p>Under 25 <input type="checkbox"/> 25-30 <input type="checkbox"/> 30-40 <input type="checkbox"/> Over 40 <input type="checkbox"/></p> <p>Married <input type="checkbox"/> Single <input type="checkbox"/></p> <p>Single Family <input type="checkbox"/> Apartment <input type="checkbox"/></p> <p>Townhouse/Condominium <input type="checkbox"/></p>
<p>Purchased <input type="checkbox"/> or Gift <input type="checkbox"/> Where <input style="width: 150px;" type="text"/> When <input style="width: 50px;" type="text"/> / <input style="width: 50px;" type="text"/> / <input style="width: 50px;" type="text"/></p> <p>Why - Security <input type="checkbox"/> Convenience <input type="checkbox"/> Energy Savings <input type="checkbox"/> Other <input style="width: 100px;" type="text"/></p> <p>What influenced you? - Magazine name <input style="width: 100px;" type="text"/> Newspaper name <input style="width: 100px;" type="text"/></p>	

Fold along dotted line

<p><b>A. Enter quantity of each X-10 POWERHOUSE unit purchased with this INTERFACE</b></p> <p>Controllers <input type="checkbox"/> Appliance Modules <input type="checkbox"/></p> <p>220 volt Appliance Modules <input type="checkbox"/></p> <p>Lamp Modules <input type="checkbox"/> Wall Switch Modules <input type="checkbox"/></p> <p>Other <input style="width: 150px;" type="text"/> <input type="checkbox"/></p> <p>Which brand of Computer do you own? <input style="width: 150px;" type="text"/></p>	<p><b>B. Enter quantity of each X-10 POWERHOUSE unit you now own in total (if different from A),</b></p> <p>Controllers <input type="checkbox"/> Appliance Modules <input type="checkbox"/></p> <p>Timers <input type="checkbox"/> 220 volt Appliance Modules <input type="checkbox"/></p> <p>Lamp Modules <input type="checkbox"/> Wall Switch Modules <input type="checkbox"/></p> <p>Other <input style="width: 150px;" type="text"/> <input type="checkbox"/></p>
<p>Are you satisfied? <input type="checkbox"/> What other capabilities would you like the system to have?</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	

Detach along dotted line - mail this part

Keep this part along with your sales receipt to obtain warranty service

**PLEASE TAKE THE TIME TO FILL OUT AND MAIL THE  
ATTACHED *PRE-PAID* WARRANTY REGISTRATION CARD TO  
QUALIFY FOR WARRANTY SERVICE.**

**MAILING THIS CARD WILL ALSO PUT YOU ON OUR MAILING  
LIST AND FROM TIME TO TIME SPECIAL PRODUCT  
ANNOUNCEMENTS MAY BE SENT TO YOU.**

SEE OTHER SIDE FOR WARRANTY DETAILS



# BUSINESS REPLY MAIL

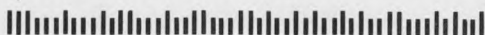
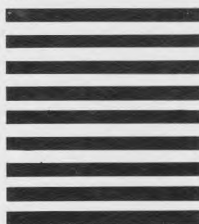
FIRST CLASS PERMIT NO. 14 NORTHVALE, NJ 07647-9990

NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

POSTAGE WILL BE PAID BY ADDRESSEE

## X-10 (USA) INC.

185A LEGRAND AVE.  
NORTHVALE, NEW JERSEY 07647-9990



### LIMITED 1-YEAR WARRANTY X-10 PRODUCTS

X-10 (USA) INC. warrants X-10 products to be free from defective material and workmanship for a period of one (1) year from original date of purchase at retail. X-10 (USA) agrees to repair or replace, at its sole discretion, a defective X-10 product if returned to X-10 (USA) within the warranty period and accompanied by proof of purchase.

If service is required under this warranty:

1. Return defective unit, postage or freight prepaid to:  
X-10 (USA) INC.  
185A Legrand Ave.  
Northvale, NJ 07647
2. Enclose dated proof of purchase.
3. Enclose check or money order for \$2.00 to cover handling and return postage.
4. X-10 (USA) is not responsible for shipping damage. Units to be returned should be packed carefully.

This warranty does not extend to any X-10 products which have been subject to misuse, neglect, accident, incorrect wiring or to use in violation of operating instructions furnished by us, nor extend to any units altered or repaired for warranty defect by anyone other than X-10 (USA). This warranty does not cover any incidental or consequential damages and is in lieu of all other warranties expressed or implied and no representative or person is authorized to assume for us any other liability in connection with the sale of our products.

Some states do not allow limitations on how long an implied warranty lasts, and/or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state.