Cat. No. 61-2677C D
OWNER'S MANUAL

Please read before using this equipment.

Plug'npower ®

Mini Remote Control Center

RadioShack®

INTRODUCTION

With your RadioShack Mini Remote Control Center you can discover the convenience, comfort, and security of a Plug 'N Power® system.

You can turn off all lights and appliances plugged into your Plug 'N Power Mini Remote Control Center with the touch of one button from anywhere in your home.

The Mini Remote Control Center lets you control up to eight groups of lights or appliances anywhere in your house, using special modules (not included). There are several different types of modules — some plug into AC outlets and others replace wall outlets or wall switches, so you can tailor your system to your needs. RadioShack stocks a wide range of modules and Plug 'N Power accessories.

CONTENTS

PREPARATION

Plug 'N Power controllers, such as your Mini Remote Control Center send out high-frequency signals through your household's wiring system. The Plug 'N Power modules (not included) receive the controller's signals and turn the connected lights or appliances on or off. Be sure to carefully read this manual and the manuals that come with the modules. They are designed to help you get the most from your Plug 'N Power system.
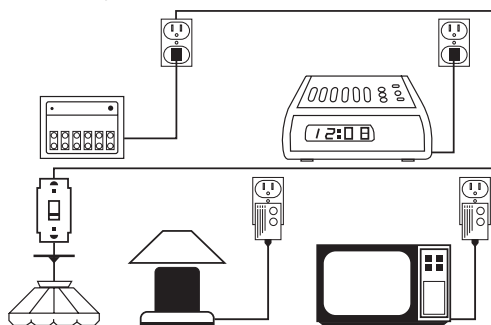
Example of a Plug 'N Power System In Use

Two different types of codes — **house codes** and **unit codes** — allow you to control many different modules or groups of modules within your home. It is important that you understand how these codes are used before you set up your system.

HOUSE CODES
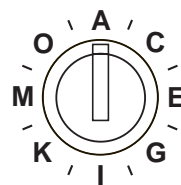
The house code is the master code for a Plug 'N Power system. Set **HOUSE CODE** on the controller and all the modules it controls to the same house code (**A** through **P**). You can operate two or more independent Plug 'N Power systems in your home by using a different house code for each system. Each system must have its own controller and modules.

Different house codes also help you avoid interference between your Plug 'N Power system and other similar systems in your neighborhood.

5
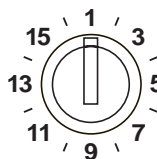
UNIT CODES

In each Plug 'N Power system, you can operate up to 16 different modules or groups of modules. Set **UNIT CODE** to the desired code (**1–16**). The controller lets you independently control each group of modules that you set to the same unit code.

The Mini Remote Control Center is intended for small Plug 'N Power systems and does not provide independent control of all 16 unit codes. You can use it to independently control only unit codes **1** through **8**. (The Mini Controller's **ALL LIGHTS ON** and **ALL UNITS OFF** commands affect modules with unit codes **1**–**16**. (See "Operation" on Page 14.) If you need independent control of more than eight groups of modules, we suggest our 16-Button Controller, available at your local RadioShack store.

INSTALLATION

SETTING UP THE CONTROL CENTER

Because the Mini Remote Control Center controls the modules through your existing house wiring, set up of the controller is easy. Plug the controller's AC cord into a convenient AC outlet, then set **HOUSE CODE** to any one of the 16 house codes (**A** through **P**).
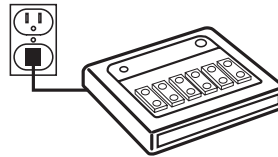
SETTING UP THE MODULES

The following are types of Plug 'N Power modules available from RadioShack. We include a brief description of each type here, but be sure to read and follow the instructions that come with each module. Other types of modules are also available. If you have special Plug 'N Power needs, ask for assistance at your local RadioShack store.

7

Appliance Modules — These modules are designed to control small appliances that draw up to 500 W of power and have a two-prong, polarized AC plug. You can also use appliance modules to control resistive-load motors rated at 15 amps, $1/3$ horsepower. Appliance modules are not affected by the controller's **ALL LIGHTS ON** command; this helps prevent accidental activation of an appliance.
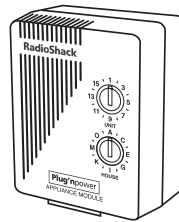
You can use appliance modules to control up to 500 W of incandescent lighting, but the lights will not respond to the **ALL LIGHTS ON** command. See "Turning On All Lights" on Page 15.

Universal Appliance Modules — Universal modules are the same as appliance modules; however, these modules provide connections for appliances that have 3-prong, grounded plugs. You must plug these modules into 3-prong AC outlets.

8
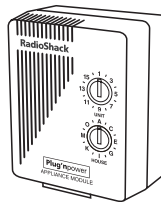
Lamp Dimmer Modules — These modules are designed to control lamps, and can be dimmed from the controller. You can connect up to 300 W of incandescent lighting to these modules. Lamp dimmer modules respond to the controller's **ALL LIGHTS ON** command.
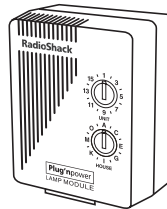
Caution: Use the modules only for lighting devices. Some devices might be damaged by use of the dimmer circuit. Do not use this type of module with light fixtures that have built-in dimmers.

Wall Switch Modules — These modules replace an existing wall switch, and allow you to manually control the lights. You can connect up to 500 W of incandescent lighting with one of these modules. Wall switch modules respond to the controller's **ALL LIGHTS ON** command.

9
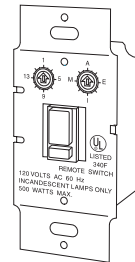
Caution: Do not use the lamp dimmer, wall switch, or 3-way wall switch modules with fluorescent lighting.

3-Way Wall Switch Mod-ules — These modules are similar to wall switch mod-ules, except that they are de-signed to control a light that is currently controlled by two different wall switches. The 3-way modules come with a companion switch to replace the second existing switch. The 3-way modules respond to the controller's **ALL LIGHTS ON** command and can control up to 500 W of incandescent lighting. Of course, you can also control these switches manually.
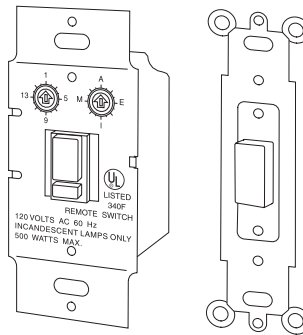
Wall Outlet Modules — These modules completely replace existing wall outlets, but you control only one of a module's receptacles from your controller. The other receptacle is always on.

You can connect appliances that draw a total of up to 1800 W to an outlet module. Because you might use an outlet module to control appliances, these modules do not respond to the controller's **ALL LIGHTS ON** command.
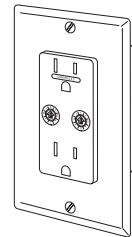
Warnings:

- The switch and outlet modules require direct connection to your house wiring. Be sure that the electricity is turned off at the circuit breaker while you are installing one of these modules. If you are not familiar with typical house wiring installations, we suggest that you have these types of modules professionally installed.

11

- Low-voltage electricity flows through the circuit con-
  trolled by a switch module, even when the switch is off.
  This is necessary for proper operation of the switch
  module. You can completely turn off the electricity by
  setting the switch's disable switch to off (left).

Caution: Do not use a wall outlet module to replace an out-
let that is controlled by a wall switch.

SETTING THE MODULE'S CODES

Set **HOUSE CODE** on all your modules to the same letter as
HOUSE CODE on your controller (**A** through **P**).

When setting the **UNIT CODE**, make sure that all modules
that are set to the same unit code respond as a group. If you
have several modules controlling lights in a single room, set
them to the same unit code. (If you set every light module to
a different unit code, you might not have enough separate
unit codes to complete your system.)

CONNECTING LIGHTS OR APPLIANCES TO MODULES

Caution: Before you con-
nect any light or appliance
to a module, press **ALL
UNITS OFF**. This assures
that all of the modules are
powered off.
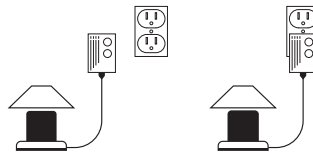
Set the power switch on the light or appliance to the on posi-
tion, then plug the light or appliance directly into the plug's
power module. Plug the module into a wall outlet, if neces-
sary.

Write down your unit codes, module locations, and connect-
ed devices on the supplied chart. (See "Plug 'N Power Sys-
tem Chart" on Page 24.)

See "Operation" on Page 14 to test each module. See
"Troubleshooting" on Page 22 if your system does not work
properly.

13

OPERATION

Operation of a Plug 'N Power system is simple, but be sure that you have a complete chart of your system close by so you know exactly what you are controlling. See the "Plug 'N Power System Chart" on Page 24.

Note: Each switch on your controller performs two functions — **ON** or **OFF**, **BRIGHT** or **DIM**, and so on. These functions are clearly marked. Pressing the top of a rocker switch activates one function and pressing the bottom activates another. When you press a button, the transmit indicator lights, indicating that a signal has been sent.

CONTROLLING MODULES BY UNIT CODES

You can control any module or group of modules that you set for a particular unit code. Of course, all of the modules must be set to the same house code as the controller. (See "House Codes" on Page 5.)

1. Set the mini controller's selector switch to the desired unit code range (**1**–**4** or **5**–**8**).

2. To turn on all the devices connected to modules with the same unit code setting, press **ON** for the desired unit code switch (**1**/**5**, **2**/**6**, **3**/**7**, or **4**/**8**).

3. To turn off all the devices connected to modules with the same unit code setting, press **OFF** for the desired unit code switch (**1**/**5**, **2**/**6**, **3**/**7**, or **4**/**8**).

TURNING ON ALL LIGHTS

To turn on all the lights that are connected to light dimmer modules, wall switch modules, or 3-way switch modules, press **ALL LIGHTS ON**.

Warning: Do not use a module that responds to the **ALL LIGHTS ON** command to control potentially dangerous devices (such as heaters or fans, for example).

Note: The modules must be set to the same house code as the controller, but not necessarily the same unit codes. In fact, modules set to unit codes **9–16** respond to **ALL LIGHTS ON** even though your mini controller cannot independently control modules set to unit codes above **8**. (If you are using the mini controller as a second controller in a Plug 'N Power system, you might encounter this situation.)

TURNING OFF ALL UNITS

To turn off all devices that are connected to modules that you set to the same house code as the controller, press **ALL UNITS OFF**. This feature is especially useful when you want to turn off everything at the same time.

DIMMING LIGHTS

You can dim any lights that are connected to lamp dimmer modules.

1. Set the mini controller's selector switch to the desired unit code range (**1**–**4** or **5**–**8**).

2. Press the **ON** switch for the unit code of the lamp dimmer modules you want to dim (**1**/**5**, **2**/**6**, **3**/**7**, or **4**/**8**).

3. Hold down **DIM** until the light dims to the desired level. If you dim the lights too much, hold down **BRIGHT** to raise the light level.

Caution: Do not connect anything other than a lamp to a lamp dimmer module. The dimmer circuit might damage other devices.

17

MANUAL CONTROL OF LIGHTS AND APPLIANCES

Even though your lights and appliances are connected to Plug 'N Power modules, you can still turn most of them on and off manually.

- For most products, simply turn the power switch off and back on again.

- For 3-way lamps, you might have to turn the lamp's switch several times before the light turns on.

- You always have manual control of wall switch modules by simply using their on/off buttons.

- You cannot manually turn on instant-on TVs that are connected to Plug 'N Power modules.

INTERCOM INTERFERENCE

Some intercoms also send signals through the house wiring. If you have this type of system, it is likely that it will interfere with the operation of your Plug 'N Power system. However, it will interfere only when both systems are in use at the same time (if you leave an intercom in a child's room in the transmit mode, for example). If this is a problem, use an intercom that has its own separate wiring system.

POWER INTERRUPTIONS

When power is restored after a power failure, lamp dimmer modules and both types of wall switch modules default to **OFF**. Appliance modules remain in the state they were in before the power failure.

SAFETY PRECAUTIONS

- Do not attempt to control lights or appliances that exceed the ratings of the modules. If you want to control appliances that exceed the ratings of the standard modules, ask your RadioShack salesperson for assistance.

- Do not connect a heating appliance to your Plug 'N Power system.

- If you want to control fluorescent, mercury vapor, sodium vapor, or low-voltage lights, ask your RadioShack salesperson for assistance.

- Do not use lamp dimmer modules to control light fixtures that have built-in dimmers.

- Do not use wall switch or 3-way switch modules to replace switches that control wall outlets or non-lighting devices.

- The switch and outlet modules require direct connection to your house wiring. If you are not familiar with typical house wiring installations, we suggest that you have these types of modules professionally installed. In any case, be sure that the electricity is turned off at the circuit breaker while you are installing one of these modules.

- Low-voltage electricity flows through the circuit controlled by a switch module even when the switch is off.

- Before changing a light bulb, make sure the remote's slide switch is set to the left position.

TROUBLESHOOTING

If your Mini Remote Control Center is not working as it should, these suggestions might help eliminate the problem. If the controller still does not operate properly, take it to your local RadioShack store for assistance.

Problem	Remedies
A particular module doesn't respond to the controller.	Be sure the module and controller are set to the same house code and that you are addressing the correct unit code.
	Be sure the power switch for the light or appliance is turned on.
	Try plugging the light or appliance into a different AC outlet that you know is "live."
	If the light/appliance works, move the module to a different outlet.

22

None of the modules respond to the controller.	Be sure the controller is plugged into an AC outlet.
	Be sure the controller is set to the same house code as the modules.
	Try plugging the light or appliance into a different AC outlet with the module in the same outlet. Then try a different outlet for the module.
Lights and/or appliances turn on and off by themselves.	Try a different house code.

23

PLUG 'N POWER SYSTEM CHART

| Module Unit Code	Module Location	Connected Device

CARE

To enjoy your Mini Remote Control Center for a long time:

- Keep the mini controller dry. If it gets wet, wipe it dry immediately.

- Use and store the mini controller only in normal temperature environments.

- Handle the mini controller gently and carefully. Don't drop it.

- Keep the mini controller away from dust and dirt.

- Wipe the mini controller with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the mini controller's internal components can cause a malfunction and invalidate its warranty. If your mini controller is not performing as it should, take it to your local RadioShack store for assistance.

NOTES

27
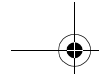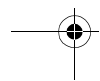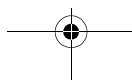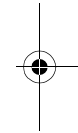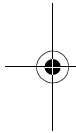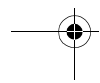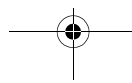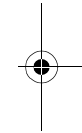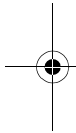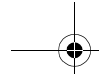
Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUS-TOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVE-NUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of inci-dental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless other-wise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) re-place the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Re-paired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

We Service What We Sell   *04/99*