



HK10A
SUPERREMOTE
HOME AUTOMATION SYSTEM

OWNER'S MANUAL

SAFETY CONSIDERATIONS

Remember to exercise good common sense when using your ActiveHome home automation system - especially when scheduling unattended devices. There can be some unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result. DO NOT USE the system for the control of high power heating appliances such as portable heaters.

Caution: To reduce the risk of electric shock, do not disassemble any part of the Home Automation System. No user-serviceable parts are inside. If you spill liquid on a unit, disconnect the unit from the AC outlet to prevent possible fire or shock hazard and consult authorized service personnel.

Powerline operated equipment or accessories connected to any of these units should bear the UL listing or CSA certification mark and should not have been modified in any way that might defeat their safety features.

Warning: To prevent electric shock hazard, do not expose any part of the Home Automation System to rain or moisture.

FCC CAUTION

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the interface with respect to the radio/TV.
- Move the interface away from the radio/TV.
- Plug the interface into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local Dealer for additional suggestions.

NOTE: Modifications to any of the components in this kit will void the user's authority to operate this equipment.

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INTRODUCTION

Congratulations on your purchase of the X-10 SuperRemote Home Automation kit!

Make your lights and appliances go to work for you....

The X-10 SuperRemote will control most or all of your video and audio equipment. But what really sets it apart from other remotes is that you can also control almost any light or appliance in your home - even in another room! And it's easy to install. Within minutes, you can be using your X-10 SuperRemote to dim the lights, start brewing a fresh pot of coffee and play your favorite movie!

Here are just some of the things you can do with your X-10 SuperRemote Home Automation System...

- Control your entire audio/video and lighting setup for the ultimate Home Theater experience.
- Turn on lights at night to scare away intruders if you hear a noise.
- Start the coffee from your bedroom when you wake up.
- Turn on your electric blanket before the movie ends, so it's nice and warm when you go to bed.

Use this manual to become familiar with your SuperRemote....

This manual will explain how to set up your SuperRemote to use it with your existing Audio/Video equipment.

Next it will show you how you can use it to set up and use the included Transceiver Module and Lamp Module to operate electrical products in your home.

Finally, the manual will show how you can expand your system with some of the many additional X-10 products you can purchase.

GETTING STARTED

Because we know that you are eager to get started, we've kept this introduction as short as possible, but it contains very valuable information, so you should read through it very carefully.

CONTROLLERS AND MODULES

The first thing you need to understand is that there are two different devices you need to control your house; Controllers and Modules.

Any light or appliance that you want to control is plugged into a Module and that Module is then plugged into a standard AC outlet.

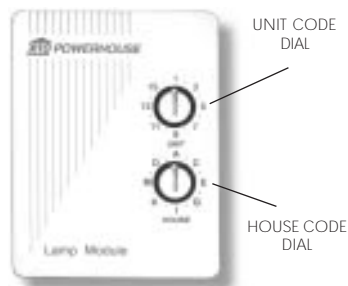
Modules receive commands from Controllers. Examples include the Lamp Module that came with this kit. The Transceiver Module also in this kit is another example (although it also doubles as a controller as described later).

Controllers are also plugged into standard wall outlets and send commands to Modules over your existing electrical wiring in your house without affecting your electricity in any way.

The Transceiver Module that came with this kit works as a controller when it is used with a remote control such as the one included with this kit. When the Transceiver Module receives a command from a remote it sends digital signals over your existing house wiring to a Module which receives the signals and executes the command.

The remote uses radio frequency (RF) signals to send commands to the Transceiver module. RF signals can go right through walls, so you can use the remotes to control lights or appliances from anywhere in your home.

HOUSE CODES AND UNIT CODES



Each Module has a specific address made up of a House Code (red dial on the face of the Module) and a Unit Code (black dial on the face of the Module).

The Controller first sends an address and then a command on the AC power lines. Only the Module with a matching address will execute the command. If more than one Module has the same address, both Modules will execute the command.

Addresses are set on the Module by turning the two dials on the front of the Module to the desired letter and number (using a small screwdriver or a coin). The House Code is selected from the letters A through P, and the Unit Code is selected from the numbers 1 through 16.

INSTALLING THE COMPONENTS

TRANSCIVER MODULE

The Transceiver Module receives radio frequency (RF) commands from remotes to operate a lamp or appliance plugged into it. The Transceiver Module also passes on commands over your house wiring to control other X-10 modules. Note that unlike the Lamp Module you cannot dim and brighten a lamp connected to the Transceiver Module.

You should locate the Transceiver Module centrally in the home for maximum range when controlled by a remote.

1. Set the House Code to 'A.'



2. Plug a lamp or appliance into the Transceiver Module.



3. Plug the Transceiver Module into a convenient AC outlet. Fully extend the antenna.



LAMP MODULE

The Lamp Module may be used to control any incandescent lamp rated up to 300W. It is not suitable for other types of lamp such as fluorescent or energy saving lamps, or lamps which include a dimmer control.

Caution: Do not connect an appliance such as a coffee pot or heater to the Lamp Module. It may damage the module and the appliance and could cause a fire hazard.

1. Set the House Code to 'A' and the Unit Code to '2.'



2. Plug a lamp into the Lamp Module.



3. Plug the Lamp Module into a convenient AC outlet.



6-IN-1 SUPERREMOTE

The 6-in-1 SuperRemote allows you to control practically everything electrical in your home. It combines IR technology that lets you control all your TV, VCR, Cable and Satellite equipment with X-10 RF technology that lets you control lamps and appliances anywhere in your home.

To find out more about configuring the SuperRemote to work with your audio/video equipment, see the section titled "Setting Up your SuperRemote."

1. Push the tab and lift off the battery cover.



2. Fit two AAA batteries, taking care to match the + and - marks in the battery compartment.



SETTING UP YOUR SUPERREMOTE

BUTTON DESCRIPTIONS

INDICATOR LIGHT

The indicator light flashes when the remote is operating.

POWER

Works in the same way as your original remote. Also turns All Lights On, when in X-10 mode.

SET UP

Used for programming the remote.

X-10

Lets you control X-10 modules to operate lamps and appliances around the home.

TV, VCR, CBL, AUX1, AUX2, SAT

Used to select the device to control. SAT includes DSS receivers.

0-9

Used as your original remote and to enter device codes.

LAST

Selects the last channel viewed on your TV, VCR, Cable Box or Satellite Receiver.

CHANNEL

Works like your original remote. Also used to switch X-10 modules on and off.

MUTE

Works the same as your original remote. Also turns All Modules Off, when in X-10 mode.

VOLUME

Works like your original remote. Also used to brighten and dim lamps connected to X-10 Modules.

TIMER

Used to set the Sleep Timer to automatically switch off the TV or X-10 modules after a preset time.

DISP

Used to access on-screen information or CD programming.

PLAY, REW, FF, STOP

Work the same as on your original remote.

SELECT

Used for menu selections on DSS receivers.

GUIDE

Displays the main menu on DSS receivers.

REC

Record button. Works the same as your original remote. You must press the REC button twice to begin recording.

PAUSE

Works the same as your original remote.

SETTING UP FOR TV, VCR, CABLE BOX AND SATELLITE RECEIVER



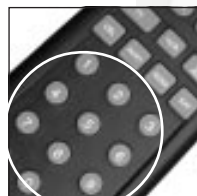
1. Turn on the device you wish to control (TV, VCR, cable box, satellite receiver etc.).



2. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.



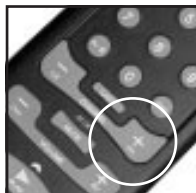
3. Press and release the mode button that matches the device you want to control. The LED blinks once. Use AUX for CD equipment.



- Enter the 3 digit Code from the Library Code Tables. The LED turns off after the last digit entered.



- Point the remote at the device and press the POWER button. Your device should turn off.



- Turn your device on and press CHANNEL+. If the device responds, setup is complete.

Notes:

For CD players use the AUX buttons.

If your TV/VCR/Cable Box/Satellite Receiver does not respond, try the other codes for your brand. If it still doesn't respond, try the Code Search method on page 23.

If the LED blinked rapidly when you entered the code, you may have entered an invalid code. Recheck the code in the code list and try again.

If some buttons do not operate your equipment, try one of the other codes for your brand.

TV CODES

ABEX	185
ACME	003
ADA	016
ADC	012,096
ADMIRAL	014,186
ADVENTURA	187
AIKO	029
ALLERON	059
AMTRON	051
AKAI	015
AMSTRAD	202
ANAM NATIONAL	016,051,055,205,206,207
AOC	017,018,020,022,188,189,208
AUDIOVOX	051
BELCOR	017
BELL & HOWELL	014,062,096
BRADFORD	051
BROKWOOD	017
CANDLE	017,021,022,187
CAPEHART	188
CELEBRITY	015
CENTURION	022

CETRONIC	055
CITIZEN	017,021,022,029,051 055,084,118,184,187,190
CLAIRTONE	189
CLASSIC	055
COLORTYME	017,022,023,213
CONCERTO	017,022
CONTEC/CONY	024,025,026,027,051,055,189
CRAIG	051,055
CROWN	051,055,184
CURTIS MATHES	013,017,022,028 062,084,118,184
CXC	051,055
DAEWOO	017,018,022,029,030 031,055,098,139,140,184
DAYTRON	017,022,184
DIMENSIA	013
DUMONT	017,164
DYNASTY	055
DYNATECH	191
ELECTROBAND	015,189
ELECTROHOME	016,017,022,034,035
EMERSON	017,022,025,027,036,037,038,039 040,043,044,045,046,047,048,049,050 051,052,053,054,055,056,057,058,059 060,062,136,137,176,184,189,190,192,210
ENVISION	017,022
FISHER	062,063,064,193
FUJITSO	059
FUNAI	051,055,059
FUTURETEC	051,055
GE	013,016,017,022,035,065,067,068 100,176,177,178,179,180,181,194
GIBRALTER	017,164
GOLDSTAR	017,018,022,025,069 070,071,168,169,184,185
GRUNDY	051,059,184
HALLMARK	017,022
HARVARD	051
HITACHI	017,022,024,025,026,072,073 074,100,150,151,152,153,154,155 156,157,158,159,160,161,163,192,211,212
IMA	051
INFINITY	075
JANEIL	187
JBL	075
JCB	015
JC PENNY	013,017,018,021,022,035,065 067,071,076,077,084,100,118 141,184,185,194,214
JENSEN	017,022
JVC	024,025,026,067,073,078 079,080,102,171,172,195
KAWASHO	015,017,022
KAYPANI	188
KEC	055
KENWOOD	017,022
KLOSS NOVABEAM	081,082,187,196
KTV	051,055,083,184,189,190
LODGENET	096
LOEWE	075

LOGIK 096
 LUXMAN 017,022
 LXI 013,022,062,075,084,194
 MEGATRON 022,072
 MAGNAVOX 017,021,022,075,081,082
 087,088,089,090,101,102
 143,144,145,146,147,196,197
 MAJESTIC 096
 MARANTS 075
 MARANTZ 017,022,075,091
 MATSUI 075
 MEI 189
 MEMOREX 014,022,062,095,096
 MGA 017,018,022,034,035
 059,064,092,093,095
 MIDLAND 067,164,184,185,194
 MINUTZ 065
 MITSUBISHI 017,018,022,034,035,059
 064,092,093,094,095,102,138
 MONTGOMERY WARD 096
 MOTOROLA 016,186
 MTC 017,018,022,084,118,189,191
 MULTITECH 051,191
 MULTIVISION 097

 NAD 022,084,198
 NEC 016,017,018,022,098,102,108,213
 NIKEI 055
 NIKKO 022,029
 NTC 029

 ONKING 055
 ONWA 051,055
 OPTIMUS 198
 OPTONICA 108,186
 ORION 048

 PANASONIC 016,067,075,183
 PHILCO 016,017,018,021,022,025
 075,081,082,087,088,090,196,197
 PHILIPS 016,017,019,021,022,025,075,081
 082,087,088,089,099,100,101,102
 PILOT 017,184
 PIONEER 017,022,103,104,105,192,198
 PORTLAND 017,018,022,029,184
 PRICE CLUB 118
 PRISM 067
 PROSCAN 013,194
 PROTON 017,022,025,106,188,199
 PULSAR 164
 PULSER 017

 QUASAR 016,067,083,107

 RADIO SHACK/REALISTIC 013,017,022,024,025
 051,054,055,062,108,184,185
 RCA 013,016,017,018,020,022,109,111,112
 113,114,115,116,142,192,194,200,201
 RHAPSODY 189
 RUNCO 164

 SAMPO 017,022,184,185,188
 SAMSUNG 017,018,022,024,025,028
 084,117,118,119,184,185,214,217
 SAMSUX 184
 SANYO 017,062,063,093,120,121,182,193
 SCOTCH 022
 SCOTT 017,022,025,037,048,051,055,059
 SEARS 013,017,022,026,059,062,063,064
 079,084,118,122,123,193,194,202,210

SHARP 017,022,025,108,124,125
 126,127,135,184,186
 SHOGUN 017
 SIGNATURE 014,096,128
 SIMPSON 021
 SONIC 189
 SONY 015,019
 SOUNDESIGN 017,021,022,051,055,059
 SQUAREVIEW 202
 SSS 017,051,055
 STARLITE 051
 SUPREMACY 187
 SUPREME 015
 SYLVANIA 017,021,022,075,081
 082,087,088,089,090
 101,129,174,196,197
 SYMPHONIC 046,051,202

 TANDY 186
 TATUNG 016,191
 TECHNICS 067
 TECHWOOD 017,022,067
 TEKNIKA 017,018,021,022,025,026
 029,051,055,059,084,089
 095,096,118,183,184,187
 TELECAPTION 130
 TELERENT 096
 TERA 199
 TMK 017,022
 TOSHIBA 062,084,102,118
 122,130,131,173,214
 TOTEVISION 184

 UNIVERSAL 065,100

 VICTOR 079,195
 VIDTECH 017,018,022
 VIKING 187

 WARDS 013,014,017,018,022,037,046
 059,065,075,081,082,087,088
 089,096,100,101,108,132,133,197

 YAMAHA 017,018,022
 YUPITERU 055

 ZENITH 096,134,164,165,166,167

VCR CODES

ADMIRAL 014
 ADVENTURA 039
 AIKO 040
 AIWA 015,039
 AKAI 016,017,018,019,020
 021,124,125,126
 AMERICAN HIGH 034
 ASHA 026
 AUDIO DYNAMICS 022,023
 AUDIOVOX 027

 BELL & HOWELL 024
 BEAUMARK 026
 BROKSONIC 025,038

 CALIX 027
 CANDLE 026,027,028,029,030,031,032
 CANON 034,035,127
 CAPEHART 033,123
 CARVER 075

CCE 040,074
 CITIZEN 026,027,028,029
 030,031,032,040
 COLORTYME 022
 COLT 074
 CRAIG 026,027,036,074
 CURTIS-MATHES 013,015,022,026
 029,031,034,035
 CYBERNEX 026

 DAEWOO 028,030,032,038,039
 040,041,123,143
 DAYTRON 123
 DBX 022,023
 DIMENSIA 013
 DYNATECH 015,039
 ELECTROHOME 027,042
 ELECTROPHONIC 027
 EMERSON 015,019,025,027,028,034,037
 038,039,042,043,044,045,046
 047,048,049,050,051,052,053
 054,055,056,057,058,059,060
 078,118,126,129,130
 FISHER 024,036,061,062,063,064,065,131
 FUJI 034,132
 FUNAI 015,039
 GARRARD 039
 GE 013,026,034,035,066,128,133
 GOLDSTAR 022,027,031,067,134
 GRADIENTE 039

 HARLEY DAVIDSON 039
 HARMAN KARDON 022,081
 HARWOOD 074
 HEADQUARTER 024
 HITACHI 015,068,069,070,120,124,133,135
 HI-Q 036

 INSTANT REPLAY 034

 JCL 034
 IC PENNEY 022,023,024,026,027,034,035
 068,069,071,072,073,120,131
 JENSEN 124
 JVC 022,023,024,031,071,124,136
 KENWOOD 022,023,024,029,031,071,124,136
 KLH 074,144
 KODAK 027,034
 LLOYD 015,039
 LOGIK 074
 LXI 027

 MAGNAVOX 034,035,075,076,117,121,137
 MAGNIN 026
 MARANTZ
 022,023,024,029,031,034,071,075,077
 MARTA 027
 MASUSHITA 034
 MEI 034
 MEMOREX 014,015,024,026,027
 034,036,039,056,117
 MGA 042,078,126
 MGN TECHNOLOGY 026
 MIDLAND 066
 MINOLTA 068,069,120
 MITSUBISHI 042,068,069,078,079
 080,081,082,083,084
 085,086,087,119,126,136
 MONTGOMERY WARD 014,088
 MOTOROLA 014,034
 MTC 015,026,039

MULTITECH 015,026,039,066,074
 NEC 022,023,024,029,031,071,077
 089,090,091,092,124,136
 NIKKO 027
 NOBLEX 026

 OLYMPUS 034
 OPTIMUS 014,027
 OPTONICA 109,147
 PANASONIC 034,035,122,138,139,140
 PENTAX 029,068,069,029,120,133
 PENTEX RESEARCH 031
 PHILCO 034,035,075,076
 PHILIPS 034,075,109,137
 PILOT 027
 PIONEER 023,068,093,094,136
 PORTLAND 029,030,032,123
 PROSCAN 013
 PROTEC 074
 PULSAR 117

 QUARTER 024
 QUARTZ 024
 QUASAR 034,035,138
 RCA 013,016,026,034,068,069,095
 096,097,098,099,100,101,102
 103,104,120,128,133,138
 RADIOSHACK/REALISTIC 014,015,024,026,027
 034,035,036,039,042
 062,063,109
 RADIX 027
 RANDEX 027
 RICOH 141
 RUNCO 117

 SAMSUNG 018,026,028,046,066,125
 SANKY 014,117
 SANSUI 023,105,124,136
 SANYO 024,026,036
 SCOTT 025,028,038,045
 051,078,106,129
 SEARS 024,027,034,036,061
 062,063,064,068,069
 120,131
 SHARP 014,015,030,042,107,108,109
 SHINTOM 017,069,074,111,145
 SHOGUN 026
 SIGNATURE 015
 SINGER 034,074
 SONY 017,111,112,132,141
 STS 034,120
 SYLVANIA 015,034,035,039
 075,076,078,137
 SYMPHONIC 015,039
 TANDY 015,024
 TASHIKO 027
 TATUNG 071,124
 TEAC 015,039,071,098,124
 TECHNICS 034,122
 TEKNIKA 015,027,034,113,142,039
 TOSHIBA 028,062,064,068,078,106,129
 TOTEVISION 026,027
 TMK 026,037,060
 UNITECH 026

 VECTOR RESEARCH 022,023,028,029
 VICTOR 023
 VIDEO CONCEPTS 022,023,028,029,126
 VIDEOSONIC 026

WARDS	014,015,026,027,028,034
.....	036,039,042,068,069,074
.....	109,114,115,116,120,129
XR-1000	034,039,074
YAMAHA	022,023,024,031,071,124
ZENITH	017,111,117,132,141

CABLE CODES

ABC	014,015,016,017,018,019,020
ANTRONIX	021,022
ARCHER	021,022,023,024
.....	
CABLETENNA	021
CABLEVIEW	021
CENTURY	024
CITIZEN	024
COLOUR VOICE	025,026
COMTRONICS	027,028
CONTEC	029
.....	
EASTERN	030
.....	
GARRARD	024
GC ELECTRONICS	022
GEMINI	031,032
GENERAL INSTRUMENT	016
.....	
HAMLIN	033,034,035,048
HITACHI	016
HYTEX	015
.....	
JASCO	024
JERROLD	014,016,018,020,031
.....	036,037,062,063
MAGNAVOX	038
MEMOREX	039
MOVIE TIME	015,040,041
.....	
NSC	015,040
.....	
OAK	015,029,042
.....	
PANASONIC	013,061,064
PARAGON	039
PHILIPS	024,025,026,032
.....	038,043,044,045
PIONEER	046,047
PULSAR	039
.....	
RADIO SHACK	058
RCA	013,060
REALISTIC	022
REGAL	035,048
REGENCY	030
REMBRANDT	016
RUNCO	039
.....	
SAMSUNG	027,047
SCIENTIFIC ATLANTA	019,049,050,051
.....	065,066,067
SIGNAL	027,031
SIGNATURE	016
SL MARX	027
SPRUCER	013
STANDARD COMPONENTS	052
STARCOM	014,020,031
STARGATE	027,031
STARQUEST	031
.....	

TANDY	053
TELEVIEW	027
TEXSCAN	052
TOCOM	017,036,054
TOSHIBA	039
TUSA	031
TV86	040
.....	
UNIKA	021,022,024
UNITED ARTISTS	015
UNITED CABLE	014
UNIVERSAL	021,022,023,024,055
.....	
VIDEOWAY	057
VIEWSTAR	028,038,040,053,056
.....	
ZENITH	039
.....	

SATELLITE CODES

AMPLICA	028
.....	
BIRDVIEW	029
.....	
CHANNEL MASTER	030,031,032
CHAPPARAL	013,014,033,034
CHEYENNE	014
.....	
DRAKE	015,016,037,038,039,040
DX ANTENNA	035,036
.....	
ECHOSTAR	041,042,043
.....	
FUJITSU	044,045
.....	
GENERAL INSTRUMENTS	017,018,019,046,047,048
.....	
JANEIL	049
JEROLD	050
.....	
KENWOOD	051
.....	
LUXOR	052
.....	
MACOM STATE	053
.....	
NORSTAT	054
.....	
REALISTIC	020,056,057
.....	
SCIENTIFIC ATLANTA	060
SIERRA I, II, III	014
STAR TRAK	061
STS	021,022,023,024,058,059
SUPER GUIDE	062
.....	
TOSHIBA	025,063
.....	
UNIDEN	026,064
.....	
VIDEO CIPHER II	027

LASER DISC CODES

PIONEER	093
PROSCAN	146

RCA 146

DSS CODES

ECHOSPHERE 071
ECHOSTAR 071
DISH NETWORK 071
HUGHES SATELLITE 075
PANASONIC 069,072
PRIMESTAR 070
RCA 065
SONY 066
STAR SIGHT CABLE SERVICES 073
TOSHIBA 067,068,074

CD CODES

ADC 013
ADCOM 014,067
AIWA 015,016
AKAI 068,090
AUDIO ALCHEMY 017
AUDIO TECHNICA 018
BSR 017
CALIFORNIA AUDIO LABS 069
CAPETRONIC 022
CARRERA 017
CARVER 019,020,021
CASIO 070
CURTIS MATHES 070
DENON 023,024
EMERSON 014,025,026
FISHER 020,027,028,029,030,071
GE 078
GENEXXA 025,026,031,072
GOLDSTAR 032,073
HARMON KARDON 033
HITACHI 031
INKEL 034
JC PENNEY 043,070
JVC 035
KENWOOD 027,036,037,038,080,081
KRELL 019
KYOCERA 013
LUXMAN 039,040,082,083,091
LXI 025,070
MAGNAVOX 019,084
MARANTZ 019,041,042,085
MCS 043,070
MGA 044
MISSION 019

MITSUBISHI 044,045
NAD 074,092
NAKAMICHI 046,047
NEC 043
NIKKO 018,026,029
NSM 019
ONKYO 048,049,075
OPTIMUS 017,020,021,025,031
..... 037,050,051,052,053
PANASONIC 069,086,093
PHILIPS 019,084
PIONEER 031,054,055,072
PROTON 019
QUASAR 069
RCA 014,020,025,056,076
RCA Digital Video Disc 096
REALISTIC 014,020,022,025
..... 026,031,042,050,052
ROTEL 019
SAE 019
SAMSUNG 094
SANSUI 019,025,057,076,087
SANYO 020,058,071,088,095
SCOTT 014,025,026
SEARS 025,037,042,070
SHARP 037,042
SHERWOOD 034,042,051,059
SHURE 043
SONY 060,061
STS 013
SYLVANIA 019
SYMPHONIC 062
TEAC 029,042,052,062,063,064
TECHNICS 069,086,089
THETA DIGITAL 084
TOSHIBA 074
VECTOR RESEARCH 017,032
VICTOR 035
YAMAHA 018,065,066,077

HOME AUTOMATION CODES

X-10 HOME AUTOMATION (RF) 013
X-10 HOME AUTOMATION (IR543) 014
GE HOMEMINDER 015

USING AUX TO CONTROL A SECOND TV, VCR, CABLE BOX OR SATELLITE RECEIVER

The AUX button is normally used to control an audio component, but it can also be configured to control a second TV, VCR, cable box or satellite receiver.

1. Turn on the equipment you wish to control.



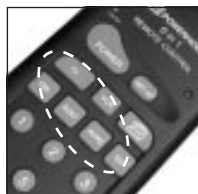
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.



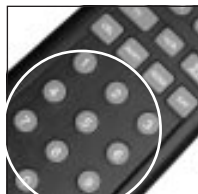
3. Press the AUX1 or AUX2 button.



4. Press and release the mode button that matches the A/V equipment you want to control. The LED blinks once.



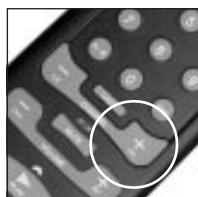
5. Enter the 3 digit Code from the Library Code Tables. The LED turns off after the last digit entered.



6. Point the remote at your audio component and press the POWER button. Your audio component should turn off.



7. Turn your audio component on and press CHANNEL +. If it responds, setup is complete.



Notes:

If your audio/video component does not respond, try the other codes for your brand. If it still doesn't respond, try the Code Search method below.

If the LED blinked rapidly when you entered the code, you may have entered an invalid code. Recheck the code in the code list and try again.

SEARCHING FOR CODES

1. Turn on the device you wish to control.



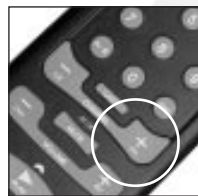
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.



3. Press the mode button that matches the equipment you wish to control. The LED blinks once.



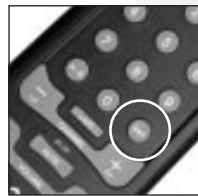
4. Press CHANNEL + repeatedly* until the device to be controlled changes channel.



If you go past the code accidentally, just press LAST repeatedly until the channel changes again.



5. Press and release the ENTER button to complete the setup.



***Note:** You may have to press CHANNEL+ many times (50+). If the device does not have a Channel Up function, use the PLAY button (VCR only) or the POWER button.

IDENTIFYING CODES FOUND USING THE SEARCH PROCEDURE

1. Press and hold the SETUP until the LED indicator lights steadily. Release Setup button.



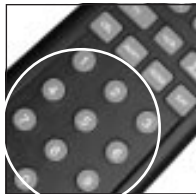
2. Press the mode button that matches the equipment you wish to identify. The LED blinks once.



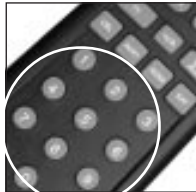
3. Press and release SETUP. The LED blinks once.



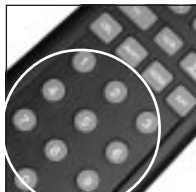
4. To find the first digit, press each number button from 0 to 9 until the LED blinks. The number you pressed is the first digit of the code.



5. Press each number button from 0 to 9 again as above to find the second digit.



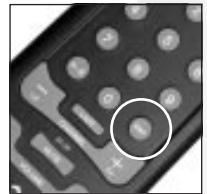
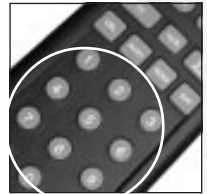
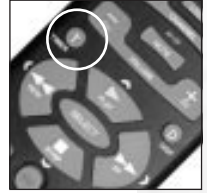
6. Press each number button in turn to find the third digit. When the third digit has been found, the LED will go out.



SETTING THE SLEEP TIMER

The Sleep Timer automatically turns off the TV after the time you set. Press the TV button, then follow the instructions below to set the Sleep Timer:

1. Press and hold TIMER until the LED indicator lights steadily. Release TIMER button.
2. Use the number buttons to enter the sleep time required (1 to 99 minutes).
3. Press ENTER to confirm the setting.



Note: Take care to leave the remote pointing at the TV to ensure it turns off the TV at the time you set.

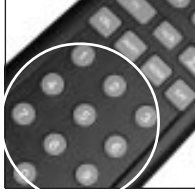
CONTROLLING X-10 MODULES

If you have already installed the Transceiver Module, you can control it and other X-10 modules as follows:

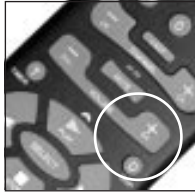
1. Press and release the X-10 button.



2. Use the number buttons to enter the Unit Code number of the chosen module. (You do not need to enter '0' first for a single digit number.)



3. Press the appropriate button for the function you require (see below).



X-10 FUNCTIONS:

On:	CHANNEL +
Off:	CHANNEL -
Bright:	VOLUME +
Dim:	VOLUME -
All Lamps On:	POWER
All Modules Off:	MUTE

Note: You cannot dim or brighten an Appliance Module. If the module was off and you press Bright or Dim (VOLUME+ or VOLUME-) this will simply turn the module on.

TO SET THE X-10 SLEEP TIMER

The X-10 Sleep Timer switches off the chosen modules after the preset time.

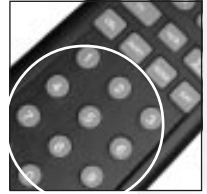
1. Press and release the X-10 button.



2. Press and hold TIMER until the LED indicator lights steadily. Release TIMER button.



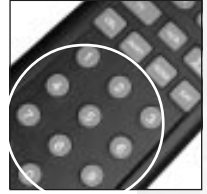
3. Use the number buttons to enter the module Unit Code for the module to be turned off.



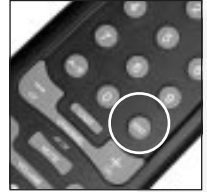
4. Press the desired function button (e.g. CHANNEL - to turn the module off after the preset time).



5. Using the number buttons enter the sleep time required (1 to 99 mins).



6. Press ENTER to confirm the setting.



CHANGING THE X-10 HOUSE CODE:

The SuperRemote defaults to House Code A, and in most cases you will not need to change this unless you are experiencing interference from a neighboring X-10 system.

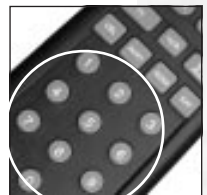
1. Press and release the X-10 button.



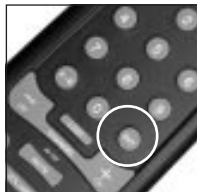
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.



3. Use the number buttons to enter the number equivalent to the chosen House Code (1=A, 2=B ..16=P).



4. Press the ENTER button to confirm the House Code. The LED turns off.



Note: The House Code you choose must match the House Code on the Transceiver and Modules you are using it with.

CONTROLLING AN IR MINI CONTROLLER (IR543)

If you already own an IR Mini Controller, you will need to change the X-10 Home Automation code in the remote to use it. The code for standard X-10 RF Home Automation is 013. The code to control the IR mini controller is 014. To change the code:

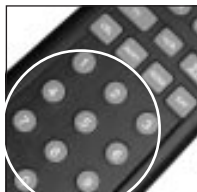
1. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.



2. Press and release the X-10 button.



3. Enter 014 to control an IR Mini Controller, or 013 for standard X-10 control. The LED turns off after the last digit entered.



Note: In most cases, you will not need to use the IR mini controller to receive commands from the remote - the Transceiver Module does this for you and has the added advantage of working through walls. You can't control the IR mini controller and the Transceiver Module at the same time.

EXPANDING YOUR SYSTEM

The modules illustrated below represent just a few of the wide range of X-10 compatible modules you can choose from to expand your Home Automation system. They are available from electrical outlets, department stores and mail order catalogs.

X-10 Home Automation products also integrate with X-10 security systems, so you can use the security remotes that come with them to control macros and flash lights when the security system is tripped.

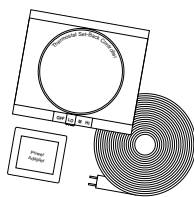
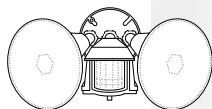
Check out our Web Site at:

[HTTP://WWW.X10.COM](http://www.x10.com)

for more information on these and many other X-10 products.

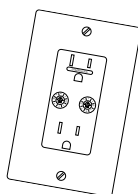
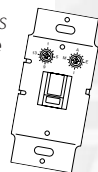
The Dual Floodlight Motion Detector PR511

turns on at dusk and/or when it detects movement, and sends X-10 signals to control other modules, or trigger ActiveHome macros.



The **Thermostat Setback Controller TH2807** mounts below your thermostat to reduce the room temperature at night or at the times you set to save energy. No wiring needed to your existing thermostat.

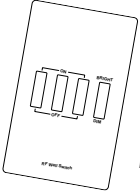
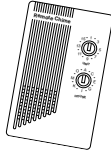
Replace your existing wall switches with the **Wall Switch Module WS467**. Installs like a regular dimmer. On/Off and Bright/Dim functions. Other models available for 3-way and fluorescent lighting.



Replace existing AC wall outlets with the **Receptacle Module SR227**. Has one 15A/1800W controlled outlet and one outlet which is always on.

— TROUBLESHOOTING —

Use a controller to trigger the **Remote Chime Module SC546** to call Dad up for dinner, or warn people you're about to turn on the sprinklers.



Fit a **Wireless Wall Switch RW724** anywhere you need an extra switch - with no wires. Sends commands to the Transceiver Module just like a remote.

Use the isolated contacts on the **Universal Module UM506** to control pool pumps, sprinklers, drapes and other low voltage equipment. Includes built in warning beeper.



Switch entrance or garage lights on from your car with the convenient **Keychain Remote KC674**.

The **PowerFlash Module PF284** connects to dry contact or low voltage alarm terminals on your burglar alarm system and flashes X-10 controlled lights when it is triggered.



Plug in a **Heavy Duty Module HD245** to control 220V appliances such as air conditioners and water heaters.

The Transceiver Module doesn't respond to the remote:

- Check the House Code on the Transceiver Module is set to 'A.' If you have changed the House Code on the remote (see p. 27), check that it matches the House Code on the module.
- Press the ON/OFF button on the front of the module to confirm it operates the equipment connected to it.

The Transceiver Module works, but other modules don't respond:

- Check that the module has the same House Code as the Transceiver Module.
- Try plugging the module into a different outlet.

The Remote won't control your A/V equipment, or doesn't work at all:

- Use manual controls or the original remote control to confirm the equipment is working properly.
- Be sure you pressed the device key for the device you want to control.
- Re-enter the code for your A/V product from the code listings on pages 15 through 21.
- Try searching for the code as described on page 23.
- Replace the Remote's batteries.

WARRANTY

12 MONTH LIMITED WARRANTY

X-10 (USA) INC. (X-10) WARRANTS ITS PRODUCTS TO BE FREE FROM DEFECTIVE MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE ORIGINAL DATE OF PURCHASE AT RETAIL. X-10 AGREES TO REPAIR OR REPLACE, AT ITS SOLE DISCRETION, A DEFECTIVE X-10 PRODUCT IF RETURNED TO X-10 WITHIN THE WARRANTY PERIOD AND WITH PROOF OF PURCHASE.

IF SERVICE IS REQUIRED UNDER THIS WARRANTY:

1. RETURN THE DEFECTIVE UNIT POSTAGE PREPAID TO THE ADDRESS BELOW.
2. ENCLOSE A CHECK FOR \$4.00 TO COVER HANDLING AND RETURN POSTAGE.
3. ENCLOSE A DATED PROOF OF PURCHASE.
4. ENCLOSE YOUR COMPLETED WARRANTY CARD.
5. X-10 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, NEGLIGENCE, 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. 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 AND EXCLUSIONS MAY NOT APPLY TO THE ORIGINAL CUSTOMER. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

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