X-10®

UR19A
SUPERREMOTE

OWNER'S MANUAL

READ THIS FIRST!

SAFETY CONSIDERATIONS

Remember to exercise good common sense when using the Home Automation features of your SuperRemote - 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 remote 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's plug-in Modules or Controllers. 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 UNDESIRED 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.*

CONTENTS

INTRODUCTION

Congratulations on your purchase of the X-10 SuperRemote.

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 set up. 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...

- 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 you 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 an X-10 Transceiver Module and Lamp Module (sold separately) to operate electrical products in your home.

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

* Requires X-10 Modules, sold separately.

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 (sold separately). The Transceiver Module (also sold separately) 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 works as a controller when it is used with a remote control such as the SuperRemote. 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
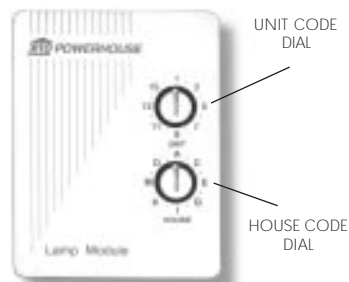
Each Module has a specific address made up of a House Code (red dial on the face of the Module) and a Unit Code (black dial on the face of the Module).

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

TRANSCEIVER MODULE

The Transceiver Module (sold separately) receives radio frequency (RF) commands from the SuperRemote 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 (also sold separately). 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 the SuperRemote.

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 has IR technology that lets you control all your TV, VCR, Cable and Satellite equipment, and 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.

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.

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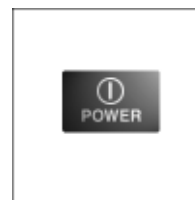
2. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.

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

4. Enter the 3 digit Code from the Library Code Tables. The LED turns off after the last digit entered.
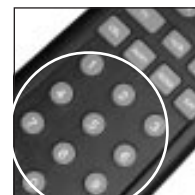
5. Point the remote at the device and press the POWER button. Your device should turn off.

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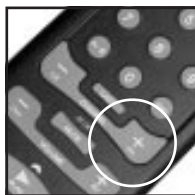
Notes:

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
SUPRE-MACY 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
JC 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
TOTEVSION 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.
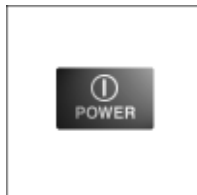
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.

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.
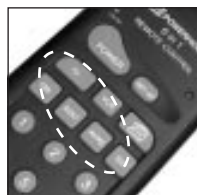
5. Enter the 3 digit Code from the Library Code Tables. The LED turns off after the last digit entered.
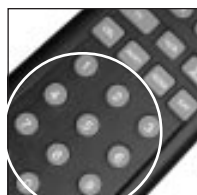
6. Point the remote at your audio component and press the POWER button. Your audio component should turn off.

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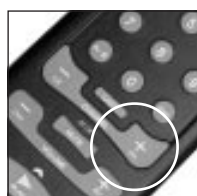
Notes:

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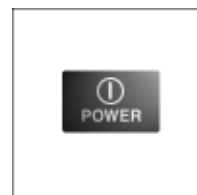
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.

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

4. Press CHANNEL + repeatedly* until the device to be controlled changes channel.
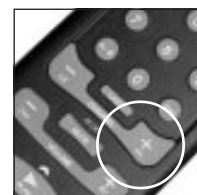
If you go past the code accidentally, just press LAST repeatedly until the channel changes again.

5. Press and release the ENTER button to complete the setup.
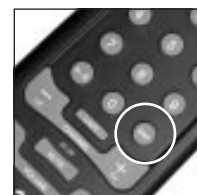
Note: *You might have to press CHANNEL+ many times (50+). If the device does not have a Channel Up function, use the PLAY button (VCR only) or the POWER button.*

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.
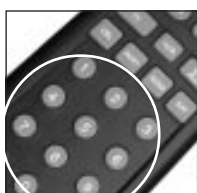
5. Press each number button from 0 to 9 again as above to find the second digit.
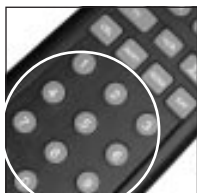
6. Press each number button in turn to find the third digit. When the third digit has been found, the LED will go out.
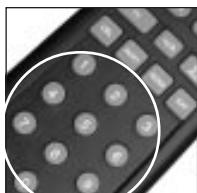
SETTING THE SLEEP TIMER

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).
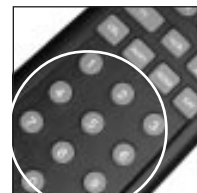
3. Press ENTER to confirm the setting.
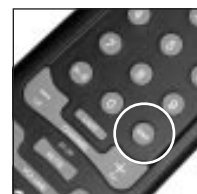
Note: *Take care to leave the remote pointing at the TV to ensure it turns off the TV at the time you set.*

CONTROLLING
X-10 MODULES

If you have purchased and installed a 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.)
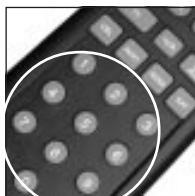
3. Press the appropriate button for the function you require (see below).
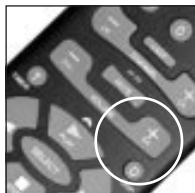
X-10 FUNCTIONS:

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.
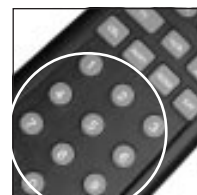
4. Press the desired function button (e.g. CHANNEL - to turn the module off after the preset time).
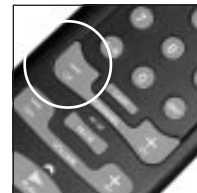
5. Using the number buttons enter the sleep time required (1 to 99 mins).
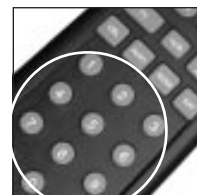
6. Press ENTER to confirm the setting.
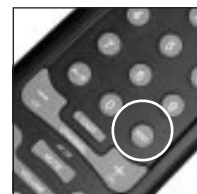
CHANGING THE X-10 HOUSE CODE:
The SuperRemote defaults to House Code A, and in most cases you will not need to change this unless you are experiencing interference from a neighboring X-10 system.

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).
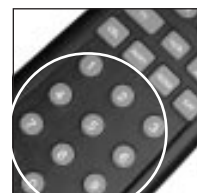
4. Press the ENTER button to confirm the House Code. The LED turns off.
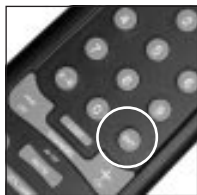
Note: The House Code you choose must match the House Code on the Transceiver and Modules you are using it with.

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.
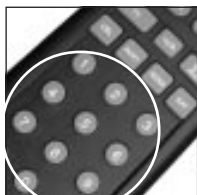
Note: In most cases, you will not need to use the IR mini controller to receive commands from the SuperRemote - the Transceiver Module does this for you and has the added advantage of working through walls. You can't control the IR Mini Controller and the Transceiver Module at the same time. See page 31.

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

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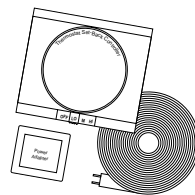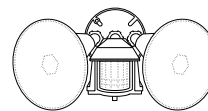
*The **Thermostat Setback Controller TH2807** mounts below your thermostat to reduce the room temperature at night or at the times you set to save energy. No wiring needed to your existing thermostat.*

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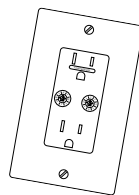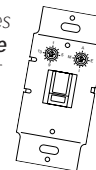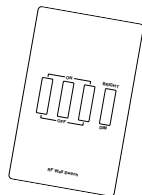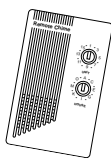
*Replace existing AC wall outlets with the **Receptacle Module SR227**. Has one 15A/1800W controlled outlet and one outlet which is always on.*

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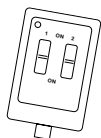
Switch entrance or garage lights on from your car with the convenient **Keychain Remote KC674**.

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.*

TROUBLESHOOTING

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 Transceiver 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.

Note: if you use an RF Transceiver (such as the RR501 or TM751) to control X-10 Modules, you will be able to control up to 16 Modules. With a Transceiver, when you press 1-6-ON you turn on Module number 16. However, if you use an IR543, when you press 1-6-ON you turn on Modules 1 AND 6. The IR543 can only control 10 Modules (1-9 plus 0=10).

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 12 through 21.

- Try searching for codes 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, 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. 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.

X-10 (USA) Inc.
91 Ruckman Rd.
Closter, NJ 07624-0420

Web Site: http://www.x10.com