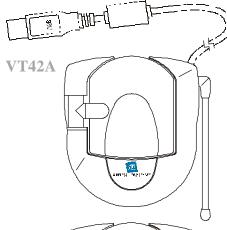
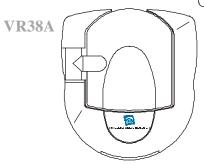


REMOTE MUSIC PLAYER



OWNER'S MANUAL







UR89A

Basic Model, MK10A (UR89A + CM19A) Deluxe Model, MK11A (UR89A + VT42A + VR38A)











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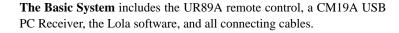
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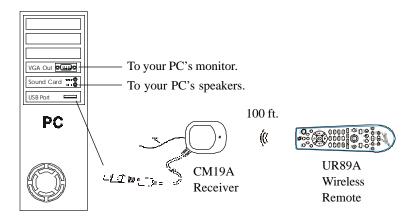
INTRODUCTION

Your Lola™ Wireless Audio/Video Sender kit consists of a Sender which connects to the video and audio output jacks on your PC, and a Receiver which you connect to your TV and/or audio system. It includes the Lola software program that you install from X10's Web Site. You control the Audio/Video Sender and software using a remote control (included). The Sender converts the audio and video signals from your PC into wireless Radio Frequency (RF) signals and transmits them (even through walls) to the Receiver. The Receiver converts the signals back to their original form and passes them to your TV and/or audio system. The Lola software application lets you listen to audio files stored on your computer's hard drive, in a variety or formats (MP3, wma, rm, wav, etc.), on any TV or audio system in your home, and you can control everything using the remote control while sitting in front of your TV.





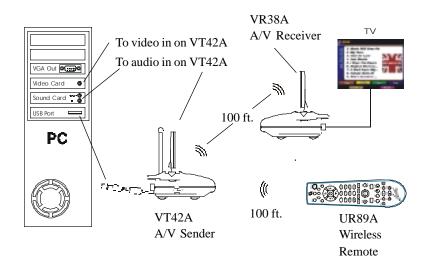




The remote controls the Lola application in your PC via the CM19A receiver. The CM19A connects to your PC's USB port.

This lets you view the Lola application on your PC, and listen to audio files through your PC's speakers. You can also directly connect the video and sound outputs from your PC to a TV using the RCA, S-Video, and Audio, jacks and cables. All connecting cables are included.

The Deluxe System includes the UR89A remote control, a VT42A Wireless Audio/Video Sender with built in USB PC Receiver, a Wireless Audio/Video Receiver, and the Lola software, and all connecting cables.



The remote controls the Lola application in your PC via the receiver built into the VT42A. The VT42A connects to your PC's USB port.

The VT42A sends the sound and picture from your PC to the VR38A that you connect to a TV anywhere in your home. This lets you view the Lola application on your TV, hear the music files stored in your PC on your TV's speakers, and control the Lola application while sitting in front of your TV with the remote.

Or you can connect the VR38A receiver to your audio system, view Lola on your PC's monitor and listen to the music files stored in your PC on the speakers connected to your audio system.







Basic vs Deluxe Systems

The Basic System includes the UR89A remote control, a CM19A USB PC Receiver, the Lola software, and all connecting cables.

The Deluxe System includes the UR89A remote control, a VT42A Wireless Audio/Video Sender with built in USB PC Receiver, a Wireless Audio/Video Receiver, the Lola software, and all connecting cables. Go to page 12 if you purchased the Deluxe System.

SOFTWARE INSTALLATION FOR BASIC SYSTEM (CM19A)

Before you install the software, unpack the hardware components and have the USB Receiver (Model CM19A) near your PC ready to connect it up when the Lola software installation program instructs you to do so.

IMPORTANT: Do NOT connect the USB connector before you install the software.

Log on to the Internet and go to the web address in the e-mail you received when your order was confirmed (or visit www.x10.com/software). There you will be able to install the software (you need to be connected to the Internet while you install the software). Follow the instructions to install it. At the appropriate point in the installation you will be instructed to plug the Receiver's USB connector into your PC's USB port. When you do this, Windows® will tell you it has found new hardware and will automatically install the X10 USB driver for the CM19A. Follow the instructions to complete the software installation.

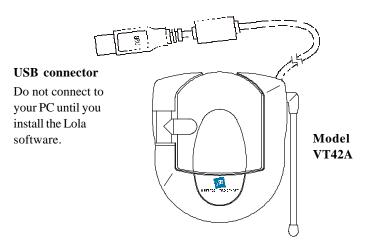
USB connector Do not connect to your PC until you install the Lola software. Model CM19A

SOFTWARE INSTALLATION FOR DELUXE SYSTEM (VT42A)

Before you install the software, unpack the hardware components and have the Sender (Model VT42A) near your PC ready to connect it up when the Lola software installation program instructs you to do so.

IMPORTANT: Do NOT connect the USB connector before you install the software.

Log on to the Internet and go to the web address in the e-mail you received when your order was confirmed (or visit www.x10.com/software). There you will be able to install the software (you need to be connected to the Internet while you install the software). Follow the instructions to install it. At the appropriate point in the installation you will be instructed to plug the Sender's USB connector into your PC's USB port. When you do this, Windows® will tell you it has found new hardware and will automatically install the X10 USB driver for the Sender. Follow the instructions to complete the software installation.



After the software installation is complete, connect the VT42A's power supply to the jack on the back of the unit and plug the power supply into an AC outlet. Make sure the switch on the side of the unit is ON.

Windows® is a registered trademark of Microsoft Corporation.



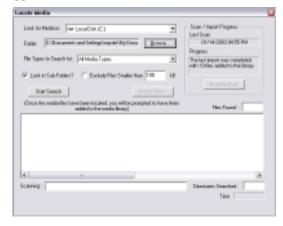




OPERATION

MEDIA MANAGER

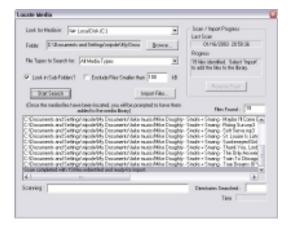
Before using Lola you will need to use Media Manager to scan your computer for music files and import them into Lola. Lola then uses that information to display your music in an easy to use format that can be accessed by remote control from anywhere in your home. Select Run Media Manager from the Lola folder under your Windows Start button. Select Scan Computer for Media from the Tools menu. A screen like the one below appears.



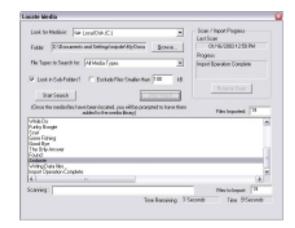
Click on the Browse button to find the location that you store your music files (if desired), then click on Start Search. Or scan your entire computer by clicking on Start Search.

Media Manager searches your computer for music files and lists them as they are found.

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After Media Manager files all your music files, click on Import Files.



After you've imported all your music files into Lola, exit the Media Manager and run Lola.

Note you can also right-click on the screen while Lola is running and select Run Media Manager.









USING LOLA

After you've installed the Lola software, connected up the hardware, and turned on your PC, the Lola shortcut icon shown below appears on your desktop.

MusicTime

Double-click on the Lola shortcut icon on your desktop to launch Lola. If you don't see the icon, run Lola from the Windows Start button.

If during installation you chose to have the Lola Controller run at startup, you can simply press the Power button on the remote to launch Lola.

Press the Genre button on the remote. A screen similar to the one below appears on your PC's screen.

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The software displayed on your PC lets you select music by Album, by Artist, by Genre (Rock, Jazz, Country, etc.) or you can list all your tracks in sequence. You can also create and display your own Play Lists. The buttons on the remote match the categories shown on your PC screen.

You can use Media Manager included with Lola to search the Internet for the album covers for the albums you import into Lola and displays them on screen.



Select your favorite tracks from any album, play them in order, or out of sequence. Create your own albums and Play Lists.



When used with X10's 2.4 GHz Audio/Video Sender, you can display the above on any TV in your home. This lets you sit in front of your TV and select and play all the music stored in your PC using the remote control. You can hear your music through your TV's speakers, through a surround-sound system connected to your TV, or you can send the music to your stereo system - with no wires!

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See Lola's Help for more information.





-Using the Remote-

The Lola Remote works with the CM19A Receiver (Basic system) or VT42A Receiver/Transmitter (Deluxe system). The remote sends commands to the Receiver which is connected to your PC. This lets you access all the features of the Lola application from the comfort of your easy chair.

Press the corresponding button on the remote (color matched to the buttons on the screen) to view your music files by Album, by Artist, by Genre (Rock, Jazz, Country, etc.) or to list them all by track.

Press the Playlist button to view playlists that you previously set up in Media Manager.

Press Now Playing to view details on the track you're currently playing. Use the up and down cursor keys on the remote to navigate around each screen and then use Play, Stop, Pause, etc. when you select the Album, Artist list, Genre, or playlist that you want to play.

Install the batteries in the Remote.



Push the tab and lift off the battery cover.



Insert four AAA alkaline batteries, taking care to match the + and - marks in the battery compartment.

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BUTTON DESCRIPTIONS

Setup Used to setup the remote to control your TV or audio system (see page xx):

Learn Learns TV/Audio codes not in the remote's library (see page xx):

Power Hides/Reopens Lola. Also operates your TV/Stereo.

PC, TV, Audio Changes the remote's control from Lola, to TV, to audio system, respectively.

X10 Used for Home Control functions.

0-9 Selects track numbers directly.

Add/Delete Marks a track to be added to a playlist, or excluded from play.

A/B Selects input mode on your TV.

Album, Artist, Genre, Track Selects how you want to display/select your music files.

Up, Down, Left, Right Arrows Moves around the current list displayed. Works like a joystick.

Enter Opens the current selection. (Like pressing joystick button).

Page Up and Down Moves up and down through screens.

Playlist Displays your play lists.

Playing Displays info on the track that's playing.

Top, End, Find, Order Used to move around within, and organize your music files. Top and end go to the top and end of a list. Find lets you find albums/artists/tracks by name using the ABC, DEF, etc., on the numeric buttons (like you enter names on a cell phone). Order lets you rearrange the order of albums/artists/tracks.

Play, Stop, Pause, FF, REW, Scan+/- Used like you would use on your CD player.

Record Saves the track exclusion for every time Lola is run.

See the help in the Lola software for more information. To access the help, rightclick your mouse button while at your PC.

13





4 GH (5 JKL) (6 MNO)

7 PORS 8 TUV 9WXYZ

Add Dallers 0 A/B

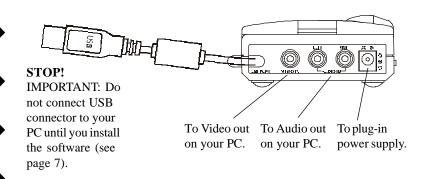
(T) (E) (P) (1)

REW PLAY F.F SO

STOP PAUSE
 II

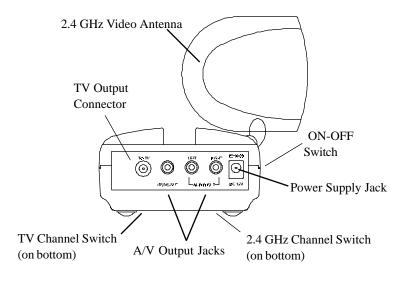
—CONNECTING UP THE AUDIO SENDER—(SKIP PAGES 14 THRU 16 IF YOU HAVE THE BASIC SYSTEM)

- 1. Connect the jack on the audio cable (supplied) to the speaker/headphone jack, or line out jack on your PC's sound card. Use adapter if needed.
- 2. Connect the red RCA plug to the jack labelled AUDIO RIGHT and the white RCA plug to the jack labeled AUDIO LEFT on the A/V Sender.
- 3. Connect the yellow RCA plug on the supplied video cable to the Video out jack from your PC. If your PC has an S-Video Out jack you can use the supplied adapter.
- 4. Plug the other end of the video cable (yellow plug) to the video IN jack on the A/V Sender.
- 5. Set the channel switch (on the TOP of the unit) to channel A (to the RIGHT).
- 6. Plug the A/V Sender's Power Supply into a convenient 120 volt wall outlet and plug its jack into the Audio Sender.
- 7. Turn the power switch (on the side of unit) on.
- 8. Position the A/V Sender in a convenient location and orient the antenna so that the flat side points in the direction of the room where you will be installing the Receiver.

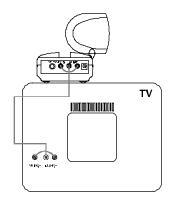


-Connecting Up The Receiver-

Connecting the receiver to your TV lets you see the picture displayed on your PC's monitor on a TV located up to 100 ft. away from your PC.



- Connect a set of Audio/Video cables to the A/V OUT jacks on the A/V Receiver. Connect the other end to your TV.
- 2. Plug the Audio/Video Receiver's Power Supply into a 120 volt wall outlet and plug its jack into the Audio/Video Receiver.
- 3. Turn power switch on (on side of unit).
- 4. Position the Audio/Video Receiver in a convenient location such as on top of the TV and orient the antenna so that the flat side points in the direction of the room where you set up the Audio/Video Sender.



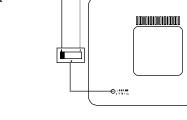




CONNECTING UP THE RECEIVER, CONT.

IF YOUR TV DOES NOT HAVE A/V CONNECTORS

You can use the supplied coaxial cable to connect the TV OUT socket on the Audio/ Video Receiver to the Antenna input on your TV. If you already have an antenna connected to your TV, you will need to use a TV antenna splitter.

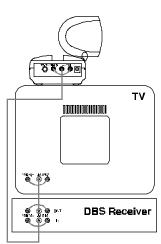


Set your TV and the TV
Channel switch on the Audio/
Video Receiver (on bottom) to the same channel (3 or 4).

IF YOUR TV IS ALREADY HOOKED UP TO A SATELLITE RECEIVER OR OTHER A/V DEVICE

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If a Satellite Receiver or other A/V component is connected to your TV using Audio/Video cables, you can connect the Audio/Video Receiver to the free LINE IN jacks on the component. If there are no LINE IN jacks, you will need to use a TV antenna splitter as described above.



TV

-ADVANCED OPTIONS

Using the remote to control your TV or Cable Box or Audio System

The remote can be set up to control the volume, channel etc. on your TV or audio system as follows.

- Turn on the device you want to control (TV, Cable Box or Audio system).
- 2. Press and release mode button for the device you want to control (TV, Cable, or Audio).
- **3.** Press and hold SETUP until the green LED indicator under the button you pressed in step 2 lights steadily. Release SETUP.
- **4.** Enter the 3 digit Code from the Library Code Table on page 17. 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.

Code Search.

If you can't find the code for your device in the Code List you can search for it:

- 1. Turn on the device you want to control (TV, Cable, or Audio system).
- Press and release mode button for the device you want to control (TV, Cable, or Audio).
- **3.** Press and hold SETUP until the green LED indicator under the button you pressed in step 2 lights steadily. Release SETUP.
- **4.** Press the CH+ (or Power) button on the remote repeatedly until your TV changes channel (or your Audio device turns off). If you overshoot you can press Ch -.

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5. When you device responds, press Mute to install the code.







To identify what code is stored in the remote:

- 1. Press and release mode button for the device you want to control (TV, Cable, or Audio).
- **2.** Press and hold SETUP until the green LED indicator under the button you pressed in step 2 lights steadily. Release SETUP.
- 3. Press SETUP again.
- **4.** Press each digit number in turn. When the indicator blinks off, the button you pressed when it blinked is the first digit of the code set in the remote.
- **5.** Repeat step 4 twice to find the second and third digits.

Learning Codes.

If you can't find the code for your TV, Cable or audio system in the code library, you can learn the commands you need from your existing remote:

- 1. Point your existing remote at the UR89A Remote with a distance of about 1 inch between remotes.
- **2.** Press the mode button that matches the equipment you want to learn (TV or Audio). The LED blinks once.
- **3.** Press and hold SETUP until the green LED indicator under the button you pressed in step 2 lights steadily. Release SETUP.
- 4. Press and release the LEARN button. The LED blinks once.
- **5.** Press and release the button on the UR89A Remote that you want to teach. (e.g. POWER) The LED blinks once.
- **6.** Press the matching button on your existing remote that you want to learn. Hold the button until the LED on the UR89A Remote blinks off.
- 7. Repeat steps 5 and 6 for each button you want to learn.
- **8.** When you've finished learning all the keys, press SETUP.

Note you can only learn codes under Power, Vol +/-, Ch+/-, and Mute.

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Code List

TV

ABEX		183
ACME00	13	03
ADA		009
ADC00	9	003
ADMIRAL00	í	17
ADVENTURA		
AIKO		059
AIWA		10
ALLERON	3	04
AMARK		
AMTRON	•••	05.
AKAI	•••	002
AMSTRAD		189
ANAM NATIONAL . 003 025 042 05	3	193
AOC 004 005 007 009 014 132 15	6	17:
ARCHER		020
AUDIOVOX		053
BANG & OLUFSEN		190
BELCOR		004
BELL & HOWELL 000 00		
BRADFORD		
BROKSONIC 13		
BROKWOOD	U	ሰበ
CANDLE 004 008 00		17
CAPEHART004 008 00	17	17
CELEBRITY	•••	002
CENTURION	•••	009
CETRONIC	••••	042
CHANGHONG		
CITIZEN 001 004 008 00		
053 058 105 10		
CLAIRTONE		
CLASSIC 04	2	214
COLORTYME004 00	19	010
CONCERTO 00	4	009
CONCIERGE		12
CONTEC/CONY 012 013 014 04	12	053
CRAIG04		
CROWN04		053
CURTIS MATHES 000 001 004 00		013
	10	130
CXC		05:
DAEWOO 004 005 009 017 018 01		
058 082 085 097 100 126 127 13		138
DAYTRON00	4	009
DIMENSIA	U	03.
DUMONT00		
DYNASTY		042
ELEKTRA		
ELECTROBAND00		
ELECTROHOME 003 004 009 02	22	133

19

EMERS	ON .		004	009	014	023	024	025
026	027	030	032	033	034	035	036	037
038	039	040	041	042	043	045	046	049
053	116	135	147	155	177	179	189	198
ENVISI)NI	155	1-17	155	1,,	1//	004	009
ENVISIO FISHER	J14			012	040	050	100	209
FUJITSU	т			013	049	030	046	197
FUNAI .	٠		0.42	052	046	155	100	
FUNAI. FUTUR	DTD.		042	053	046	155	189	198 053
FUIUK.	EIE	C					042	
GE	000	003	004	009	022	031	044	052
054								181
GIBRAI	TER						004	121
GOLDS	IAR.				004	005	009	056
				057	133	155	156	172
GRUND	Y						046	053
HALLM								009
HARVAI								
HITACE	ΗI		001	004	009	013	059	060
		061	088	091	137	139	140	141
		142	143	144	145	146	179	210
IMA								
INFINIT								
INTEQ								
JANEIL								174
JBL								
JCB								
JC PENI	ΝV			000	004	005	008	002
			ດວວ	021	052	054	055	062
		•••••	022	105	107	100	172	181
JENSEN JVC		012					004	009
								089
KAWAS								
KAYPA								
KEC								
KENWO	OOD					004	009	133
KLOSS	NOV	ABE	AM			068	069	
KONKA			016	047	066	157	158	176
KTV		014	021	042	053	070	116	177
KTV LODGE	NET						000	001
LOEWE							062	211
LOGIK .							000	001
LUXMA	N						004	009
LXI					000	004	009	031
				049	062	107	109	181
MAGNA	VOX	7	004	008	002	062	068	069
WITTOTAL	074	075	076	077	080	133	163	165
MAJEST	CIC	075	070	077	009	133	000	001
MARAN	ITZ					004	000	062
MEGAT	KON	٠			•••••	004	009	059
MEI								014
MEMOF								
								135
MGA								
MIDLA								181
MINUT	Z							052







MITSUBISHI					
	081	089	132	133	18
MONTGOMERY WA	RD.			000	00
MOTOROLA				003	17
MTC 004	005	009	014	105	10
MULTITECH					
MULTIVISION					
NAD		004	009	109	18
NEC 003 004 005					
NIKEI					04
NIKKO			004	009	05
NTC					05
ONKING					
ONWA					05
OPTIMUS				170	18
OPTONICA				095	17
ORION			035	121	13
PANASONIC		003	054	055	06
		070	148	170	17
PHILCO 003				009	06
068	069	074	075	077	13
PHILIPS 003 004					06
074 075 076				133	16
183 184 205	206	207	208		21
PHILIPS/MAGNAVO	X			183	18
					21
PILOT					
PIONEER	004	009	0	179	
PIONEER	004	009	090	179	18
PIONEERPORTLAND	004	$009 \\ 004$	090 005	179 009	18 05
PIONEER PORTLANDPRECISION	004	009 004	090 005	179 009	18 05 16
PIONEER PORTLAND PRECISION PRICE CLUB	004	009 004	090 005	179 009	18 05 16 10
PIONEER PORTLAND PRECISION PRICE CLUB PRISM	004	009 004	090 005	179 009	18 05 16 10
PIONEER PORTLAND PRECISION PRICE CLUB PRISM	004	009 004	090 005	179 009	18 05 16 10
PIONEER	004	009 004 000 093	090 005 031 175	179 009 107 186	18 16 16 10 05
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN PROTON 004 PULSAR	004	009 004 000 093	090 005 031 175	179 009 107 186	18 05 16 10 05 18 19
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN PROTON 004 PULSAR PULSAR PULSER	004	009 004 000 093	090 005 031 175	179 009 107 186	18 05 16 10 05 18 19 12
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN PROTON 004 PULSAR PULSAR QUASAR	004	009 004 000 093 003	090 005 031 175 	179 009 107 186 055	18 05 16 10 05 18 19 12 06
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN 004 PULSAR PULSER QUASAR	004	009 004 000 093 003 070	090 005 031 175 054 148	179 009 107 186 055 170	18 05 16 05 18 19 12 06 06 17
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN PROTON 004 PULSAR PULSER QUASAR RADIO SHACK 000	004	009 004 000 093 003 070 009	090 005 031 175 054 148 031	179 009 107 186 055 170 041	18 05 16 10 05 18 19 12 06 17 04
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN PROTON 004 PULSAR PULSER QUASAR RADIO SHACK 000048 049 053 095	004	009 004 000 093 003 070 009 155	090 005 031 175 054 148 031 170	179 009 107 186 055 170 041 172	18 05 16 10 05 18 19 12 06 17 04 19
PIONEER	004	009 004 000 093 003 070 009 155 005	090 005 031 175 054 148 031 170 007	179 009 107 186 055 170 041 172 009	18 05 16 10 05 18 19 12 06 17 04 19 01
PIONEER	004 009 004 133 004 082	009 004 000 093 003 070 009 155 005 092	090 005 031 175 054 148 031 170 007 094	179 009 107 186 055 170 041 172 009 096	18 05 16 10 05 18 19 06 17 04 19 01
PIONEER PORTLAND PRECISION PRICE CLUB PRISM PROSCAN PROTON	004 009 004 133 004 082 103	009 004 000 093 003 070 009 155 005 092 107	090 005 031 175 054 148 031 170 007 094 113	179 009 107 186 055 170 041 172 009 096 125	18 05 16 10 05 18 19 12 06 17 04 19 01 09 12
PIONEER	004 009 004 133 004 082 103 181	009 004 000 093 003 070 009 155 005 092 107 187	090 005 031 175 054 148 031 170 007 094 113 188	179 009 107 186 055 170 041 172 009 096 125	18 05 16 10 05 18 12 00 06 17 04 19 01 09 12
PIONEER	004 009 004 133 004 082 103 181 004	009 004 000 093 070 009 155 005 092 107 187 009	090 005 031 175 054 148 031 170 007 094 113 188 031	179 009	18 05 16 10 05 18 12 00 06 17 04 19 01 09 12 04
PIONEER	004 009 004 133 004 082 103 181 004 095	009 004 000 093 003 070 009 155 005 092 107 187 009 133	090 005 031 175 054 148 031 170 007 094 113 188 031 155	179 009 107 186 055 170 041 172 009 125 191 041 170	18 05 16 10 05 18 19 12 00 06 17 04 19 04 17
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Audio

		839	842	851	86
					82
					82
				803	81
				814	82
					76
					81
			790	813	81
683	808	816	828	832	86
				796	81
				688	82
					87
			721	739	74
			805	811	81
		667	747	748	74
		751	752	754	79
				810	81
		814	823	824	82
		837	866	867	87
	706	754	793	806	86
866	867	868	875	878	87
717	772	781	795	827	86
870	871	872	875	878	87
					82
					70
					76
			671	684	80
		706	806	858	85
	778	785	797	798	79
					84
					85
791	810	815	823	863	86
					74
		801	802	838	84
	841	846	847	848	84
		676	730	749	75
	765	766	784	814	85
	866 717 870	706 866 867 717 772 870 871 771 810 791 810 841	200N	DON	





-Home Control-

The X10 button on the Lola remote control is your gateway to a world of useful control and automation solutions built by X10. Why enter a dark room when there is a simple and affordable solution that can keep you safe and secure? From a simple remote control that can turn on a lamp, to a full-blown automation system, X10 provides you with all the products you need.



With the correct components in your X10 system, you can have all of these powerful options at your control:

- Give your home a secure appearance by scheduling when lights and other electronics turn on and off
- Distribute audio and video to stereos and televisions using wireless technology

- personal computer

and extremely affordable. Visit X10.com today for more information and the latest products to build and enhance your X10 system.

CONTROLLING X10 MODULES

Here's how to control X10 modules with your Lola Remote Control. The remote is set to House Code A by default. See next page to change it.

(2 ABC) (3 OEF)

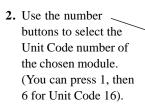
7 PORS 8 TUV 9 MXXZ

(Add) (D (A/B)

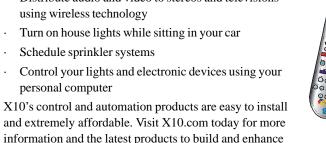
(T) (E) (P) (D) (D) (D)

CAN- REW PLAY FF SCAN

REC STOP PAUSE



- 1. Press and release the X10 button.
- **3.** Press the appropriate button (labeled in blue) for the function you require (On, Off, Bright, Dim, All Lights On, All Units Off).







Changing the House Code for the Remote

The Remote comes set to House Code A by default. To change the House Code on the remote follow steps 1 through 4 below:

CH-2ABC 3DEF

(4 CH) (5 JKL) (6 MNO)

7 rats 8 TUV 9 WXYZ

Add Dissess 0 A/B

TOP END FIND SELECT

T E PLAY

REW PLAY

FF SCAN

SCAN

- 2. Press and hold Setup until the indicator lights steadily. Release the Setup button.
- 3. Use the number buttons to enter the number equivalent to the chosen Housecode (1=A, 2=B....16=P). Press 1 then 6 for 16, etc.

- Press and release the X10 button (indicator flashes).
- 4. Press the Mute button to confirm the Housecode. The indicator blinks then goes off.

Changing the Master Code for the Remote

You can use up to 16 remotes within 100 ft. of each other without interfering with each other by setting each remote to a different Master Code. To do this, press and release PC. Then press and hold Setup until the indicator starts to blink. Release Setup (the indicator blinks a number corresponding to its Master Code 1-16 and then stays on). While the indicator is on, enter a new number for this remote (1-16) and then press setup. The indicator blinks back the new setting and then stays off. Repeat this process for each remote, setting a unique number (1-16) for each remote.

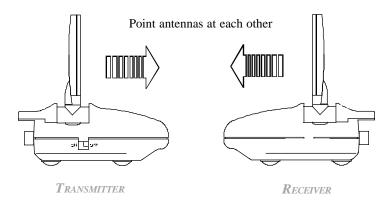
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-Fine Tuning your System

The Lola Wireless Audio/Video Sender usually works best with the flat faces of the antennas on the Sender and Receiver units facing each other (see diagram below). Sometimes, however, reflections and other effects in your home may affect the signal so that some adjustment of either the Sender or Receiver antenna might be necessary to get the best signal.

IF YOU ARE NOT GETTING ANY SIGNAL AT ALL:

Check that the CHANNEL slide switch (labeled A, B, C, D) on both units is set to the same letter.



If the signal is poor, or if there is interference:

Try changing the channel on both units. Do this by adjusting the CHANNEL slide switch on each unit to any position from A to D. Make sure both units are set to the same channel.





TROUBLESHOOTING-

Basic Version:

If the remote control doesn't control Lola:

- Check the USB cable on the CM19A is connected to your PC.
- Make sure you have installed the software from: www.x10.com/software
- Make sure the tray icon is present in the Windows task bar. If it isn't run Lola from the Windows Start button, or desktop shortcut.
- Press the Power button on the remote to launch Lola.
- Replace the Remote's batteries.

If the range for the remote control is poor:

• Try locating the CM19A Receiver away from the PC and/or its monitor.

If there is no sound:

Check the connections between your PC's sound card and your PC's speakers.

Deluxe Version:

If the remote control doesn't control Lola:

- Make sure the VT42A Audio/Video Sender is turned on.
- Check the USB cable on the VT42A is connected to your PC.
- Make sure you have installed the software from: www.x10.com/software
- Make sure the tray icon is present in the Windows task bar. If it isn't run Lola from the Windows Start button, or desktop shortcut.
- Press the Power button on the remote to launch Lola.
- Replace the Remote's batteries.

If the range for the remote control is poor:

 Try locating the VT42A Audio/Video Sender away from the PC and/or its monitor.

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If there is no sound:

• Check the connections between your PC's sound card and the audio-in jacks on the VT42A Audio/Video Sender (steps 1 and 2 on page 14).

If you are not getting any audio or video:

- There is a power light on the front of the Sender and Receiver. Check that both the Sender's and Receiver's power supplies are plugged in. Check that the ON/OFF switch on the Sender and Receiver are ON.
- Verify that your connections to the TV are correct. If you are using the RCA jacks, make sure you are using the appropriate input mode for your TV, try pressing the A-B button or the Video button on your TV's remote control to change the input mode (consult your TV's owner's manual, if necessary). If you are using the COAX cable, verify that the Receiver and the TV are on the same channel (3 or 4).

If the sound or video is poor, or there is interference:

- Try locating the VT42A Sender away from the PC and/or its monitor.
- Try changing the channel on both units. Do this by adjusting the CHANNEL slide switch on each unit to any position (A, B, C, or D).
- Try different positions for the antennas on the Sender and Receiver. Normally the flat faces on each antenna should point at each other. Sometimes, due to reflections, you might get a better picture with the Receiver's antenna pointing to the ceiling.
- Take a look at what the audio and video signal is passing through or near
 to get to the Receiver. Metal objects and electromagnetic fields can
 distort the signal. Try to keep the Receiver as far away from other
 devices as the RCA or Coax cables allow. In most cases, relocating the
 Sender or Receiver a few feet is enough to avoid the source of
 interference.
- Try unplugging/turning off any electromagnetic interference producing devices, such as a microwave oven, baby monitor, computer, wireless LAN, wireless speakers, cordless phone, cell phone, etc.

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For more help please visit www.x10.com/support





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 equipment with respect to the radio/TV.
- Move the equipment away from the radio/TV.
- Plug the equipment 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 this product will void the user's authority to operate this equipment.

X10 Wireless Technology, Inc. Limited One Year Warranty

X10.com, a division of X10 Wireless Technology, Inc. (X10) warrants X10 products to be free from defective material and workmanship for a period of one (1) year from the original date of purchase at retail. X10 agrees to repair or replace, at its sole discretion, a defective X10 product if returned to X10 within the warranty period and with proof of purchase. If service is required under this warranty:

Call 1-800-442-5065, visit www.x10.com, or e-mail support@x10.com.

For help or more information on setup, please visit: http://www.x10.com/support

X10.com, a division of X10 Wireless Technology, Inc. 3824 North 5th St., Suite C, North Las Vegas, NV 89032

MT-OM-2/03



