Lola

Wireless Music Player System

X10®

OWNER'S MANUAL

Direct Connect Model, MK10A
(UR89A + CM19A)

Wireless A/V Model, MK11A
(UR89A + VT42A + VR38A)

Wireless VGA Model, MK12A
(UR89A + VT37A + VR38A)

CONTENTS

INTRODUCTION

Lola turns your computer into a jukebox for your whole house! *Lola* makes it easy to keep music going at parties, lets you pick songs that suit your mood from anywhere in the home.

Lola works with all popular music formats, including MP3, Windows Media, and Real Audio. The *Lola* Media Manager finds and organizes your music files and play lists. It even searches the Internet to find album artwork to use in *Lola*. The *Lola* Media Player and the *Lola* Remote show you your music organized by Artist, Album, and Genre so you can find exactly what you want to hear.

With the *Lola* system you see and hear music from your computer on your home entertainment system. Using either a wireless or direct connection, you'll be able to see and control the *Lola* screen on your TV, while listening to music through your stereo or Home Theater.

Setting up *Lola* is simple. This owner's manual will take you through connecting and using *Lola* one step at a time. It will also show you how to get the most out of *Lola*'s features, and help you if you run into trouble. Thanks for purchasing X10's premier home entertainment product, and welcome to *Lola*!

> **Quick Steps to Using Lola**
> Even if you don't read the rest of this manual, please read this. There are few things you have to do for *Lola* to work:
> • Install the Software. Use the link in the e-mail (subject "New Software Download Link") that was sent to you shortly after you placed your order.
> • Make sure your USB Transceiver is plugged in.
> • Put 4 AAA alkaline batteries in the *Lola* remote.
> • Connect your computer to your TV with the *Lola* hardware.
> • Run the Media Manager and click "Scan My Computer for Media!" *Lola* won't work unless it knows what music you have. That's all there is to it. You can now run *Lola*.

In order for everything to work, it's important that you follow these steps before setting up the rest of *Lola*.

Install the *Lola* Software

The first step to installing *Lola* is to install the software from the X10 web site. Use the link in the e-mail (subject "New Software Download Link") that was sent to you shortly after you placed your order.

Follow the instructions on screen as *Lola* is installed. When the installation program asks you to connect it, plug the USB Receiver into a USB port on your computer. Depending on which kit you purchased the USB Receiver will look different. It has a plug on it that looks lie this:
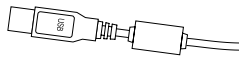
When you plug in the USB Receiver, Windows will tell you that it has found new hardware and the installation will continue automatically. When it's done, continue on with the rest of the *Lola* setup. When it's finished installing, run *Lola* the Windows® Start button.

Note: Place the USB Receiver as far away from your computer and its monitor as its cord allows.

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. Press PC on the remote.

back of remote
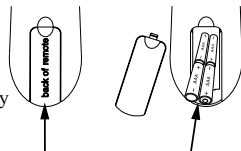
Windows® is a registered trademark of Microsoft Corporation.

Which system do you have?

All three system types look similar but the pictures here will help distinguish which one you purchased.

The Direct Connect System includes the CM19A USB Transceiver. It is used when you want to directly connect your computer's RCA audio and video jacks directly to your TV or Home Theater system.

Go to page 6 if you have this system.
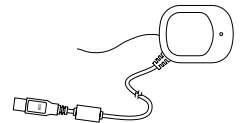
Model CM19A

The Wireless A/V System includes the VT42A Wireless Audio/Video Sender with built in USB Receiver. It is used for computers that have an RCA or s-video type Video out jack, which you can connect to the VT42A. You can send the audio and video to a remote TV or Home Theater system using the VT42A.

Go to page 8 if you have this system.

Model VT42A

The Wireless VGA System includes the VT37A Wireless Audio/Video VGA Sender with built in USB Receiver. This system is used for computers that don't have an RCA Video out jack. You can see *Lola* on a Remote TV/Home Theater system, and hear your Music on the remote TV as well.

Go to page 10 if you have this system.

Model VT37A

DIRECT CONNECT SYSTEM

Parts

- CM19A USB Transceiver
- Stereo jack to RCA Audio cable
- Stereo jack splitter
- RCA video cable

- *Lola* Remote Control
- S-Video to Video converter
- S-Video cable

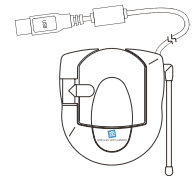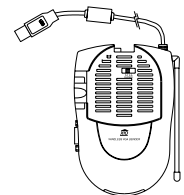**Home Theater System**


```
PC

VGA Out
Video Out
Sound Out
USB Port

Audio
Splitter

To existing
PC Speakers

Video In
Audio In

Video    Audio
Out      Out

Home Theater Receiver (or back of TV)

100 Ft.

CM19A
Receiver

UR89A
Lola Remote
```
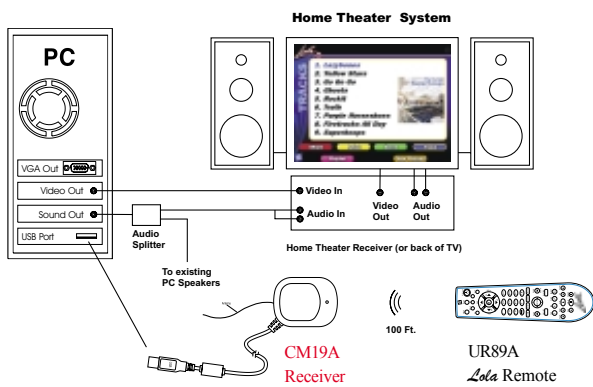
You should have already plugged the CM19A Transceiver into your computer's USB port when you installed the software (page 4).

Note: Place the CM19A Transceiver as far away from your computer and monitor as its cord allows.

DIRECT CONNECT SYSTEM, CONT.

Setup

Connect one end of the yellow video cable into the TV Out port on your computer's video card. If your computer has S-Video Out instead of TV out, connect the S-Video cable to the video card, plug the other end into the S-Video to RCA converter, and then plug the yellow RCA video cable into the converter.

Unplug your speakers from your computer's sound card. Plug the mini-stereo jack splitter into the audio out (sometimes labeled "Line Out") jack on the sound card that your speakers were plugged into. Plug the speakers into one side of the splitter. Plug the mini-headphone to RCA cable into the other side of the splitter.

Connect the free end of the yellow video cable into a Video In jack on your TV. Plug the red and white audio cables into Audio In jacks on your stereo receiver or TV, depending on how you want to listen to the music from *Lola*.

Parts

- VT42A USB Video Sender
- Power-supply for Video Sender
- Power supply for Video Receiver
- RCA A/V cable
- Stereo jack splitter
- Stereo jack to RCA Audio cable

- VR38A Video Receiver
- *Lola* Remote Control
- S-Video cable
- S-Video to Video converter
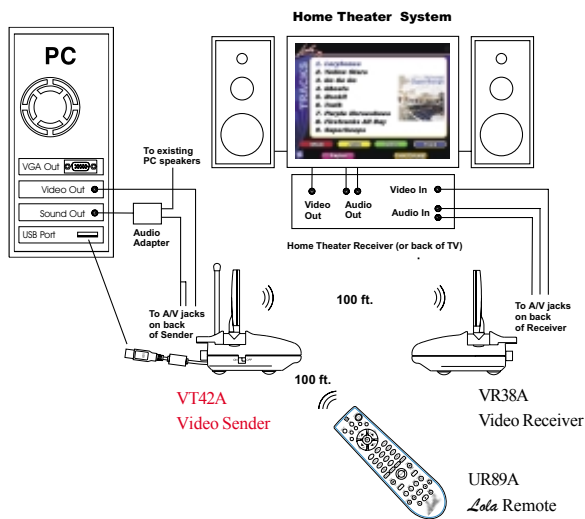- RCA video cable

Home Theater System

PC

VGA Out

Video Out

Sound Out

USB Port

To existing
PC speakers

Audio
Adapter

To A/V jacks
on back
of Sender

Video
Out

Audio
Out

Video In

Audio In

Home Theater Receiver (or back of TV)

100 ft.

To A/V jacks
on back
of Receiver

100 ft.

VT42A
Video Sender

VR38A
Video Receiver

UR89A
Lola Remote

Note: Place the VT42A Video Sender as far away from your computer and its monitor as its cord allows.

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Setup

Connect one end of the yellow video cable into the TV Out port on your computer's video card. If your computer has an S-Video Out, connect the S-Video cable to the video card, plug the other end into the S-Video to RCA converter, and then plug the yellow RCA video cable into the converter. Plug the other end of the video cable into the USB Video Sender.

Unplug your speakers from your computer's sound card. Plug the mini-stereo jack splitter into the audio out (sometimes labeled "Line Out") jack on the sound card that your speakers were plugged into. Plug the speakers into one side of the splitter. Plug the mini-stereo to RCA cable into the other side of the splitter. Plug the red and white ends of the cable into the USB Video Sender's "Audio In" jacks.

Plug the power supply into a power outlet and connect the other end to the "DC 9V" plug on the Video Sender. Switch the Video Sender on and flip up the antenna. Point the side of the antenna with four squares on it in the direction where you'll set up the Video Receiver.

You should have already plugged the VT42A Video Sender's USB plug into your computer's USB port when you installed the software (page 4).

USB

VT42A

USB PORT VIDEO IN LEFT RIGHT DC 9V
AUDIO IN

To USB port on
your computer.

To Video out on
your computer.

To Audio out on
your computer.

To plug-in
power supply.
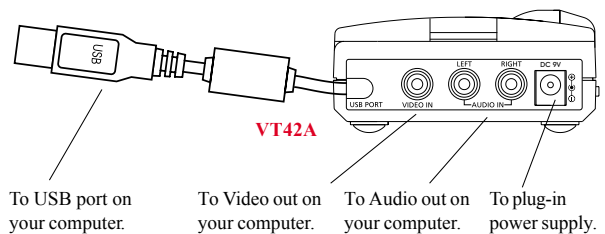
Go to page 13 to set up the Receiver.

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Parts

- VT37A VGA Sender
- Power supply for VGA Sender
- Power supply for Video Receiver
- Stereo jack to RCA Audio cable
- VGA splitter cable

- VR38A Video Receiver
- *Lola* Remote Control
- RCA A/V cable
- Stereo jack splitter

Home Theater System

PC

To existing
PC speakers

VGA Out

Video Out

Sound Out

USB Port

Audio
Splitter

Video
Out

Audio
Out

Video In

Audio In

Home Theater Receiver (or back of TV)

To audio
jacks on back
of Sender

100 ft.

To A/V jacks
on back
of Receiver

MONITOR

VT37A
VGA Sender

100 ft.

VR38A
Video Receiver

To VGA on side
of Sender

UR89A
Lola Remote

Note: Place the VT37A VGA Video Sender as far away from your computer and its monitor as its cord allows.

Setup

Start by shutting down your computer and unplugging your monitor from your computer's video card. Plug VGA splitter cable into your video card. Plug your monitor into one end of the splitter cable, and plug the other end into the VGA Video Sender.

PC

MONITOR

VGA Out

Video Out

Sound Out

USB Port

VT37A

To USB on PC

Laptop

USB Port

VGA Out

* Laptop Adapter

To USB on Laptop
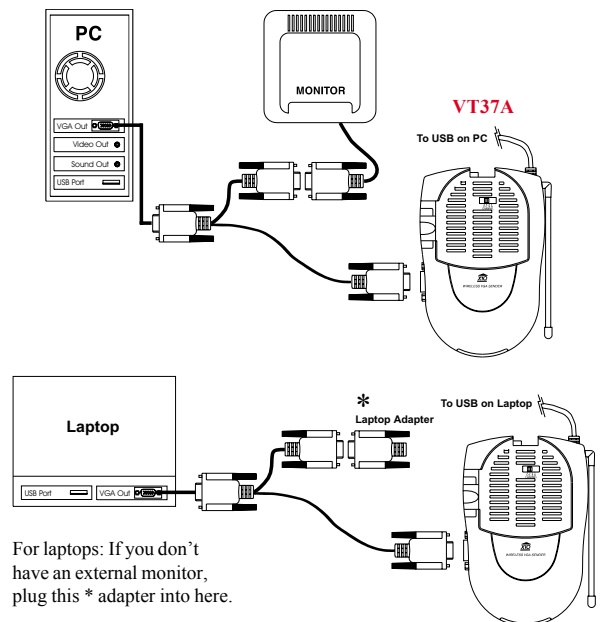
For laptops: If you don't have an external monitor, plug this * adapter into here.

WIRELESS VGA SYSTEM, CONT.

Next, unplug your speakers from your computer's sound card. Plug the mini-stereo jack splitter into the audio out (sometimes labeled "Line Out") jack on the sound card that your speakers were plugged into. Plug the speakers into one side of the splitter. Plug the mini-stereo to RCA cable into the other side of the splitter. Plug the red and white ends of the cable into the VGA Video Sender's "Audio In" jacks.

Plug the power supply into a power outlet and connect the other end to the "DC 12V" plug on the VGA Video Sender. Switch the VGA Sender on and flip up the antenna. Point the side of the antenna with four squares on it in the direction where you'll set up the Video Receiver.

You should have already plugged the VT37A Video Sender's USB plug into your computer's USB port when you installed the software (page 4).
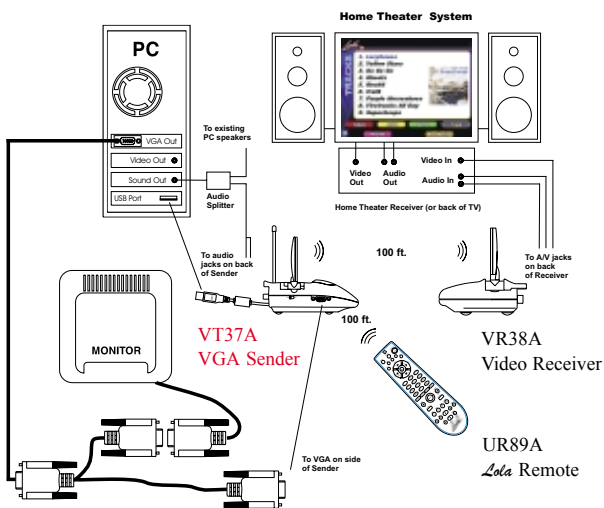
VT37A

To VGA out on your computer.

To plug-in power supply.

To USB port on your computer.

To Audio out on your computer.

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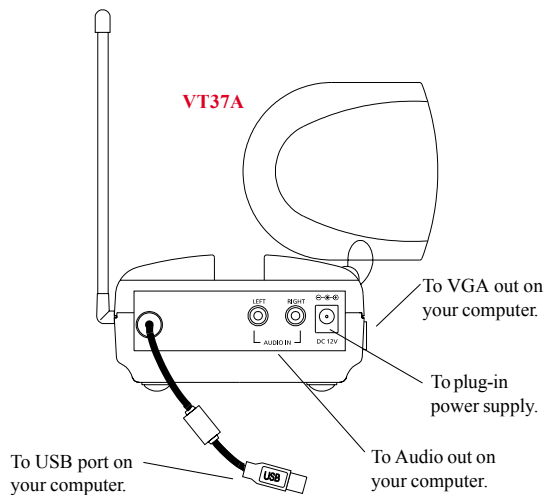
CONNECTING THE RECEIVER

After you've set up your Audio/Video Sender, you need to connect the Receiver to your TV or Home Theater System.

VR38A Receiver

TV Output Connector

ON-OFF Switch

Power Supply Jack

TV Channel Switch (on bottom)
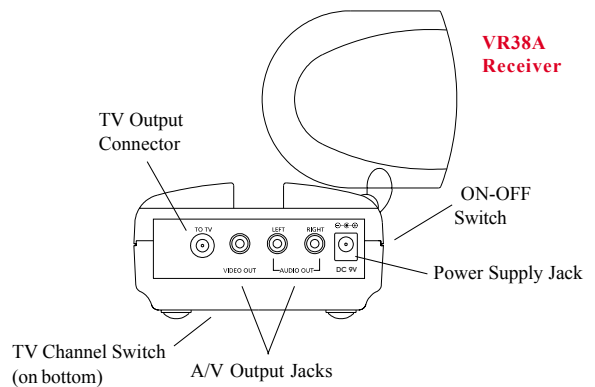
A/V Output Jacks

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 or Home Theater.

Plug the Audio/Video Receiver's Power Supply into a regular wall outlet and plug its jack into the Audio/Video Receiver.

Turn power switch on (on side of unit).

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.

TV

13
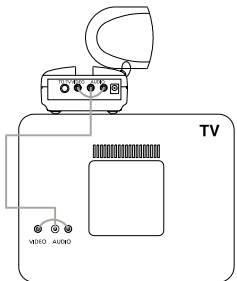
CONNECTING THE RECEIVER, CONT.

IF YOUR TV DOES NOT HAVE A/V CONNECTORS

You can use a COAX 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).
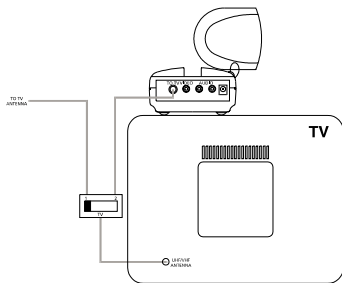
IF YOUR TV IS ALREADY HOOKED UP TO A VCR OR OTHER A/V DEVICE

If a VCR or other A/V component is connected to your TV using Audio/Video cables, you can connect the Audio/Video Receiver to the free Video In jacks on the component. If there are no Video In jacks, you will need to use an A/V Selector or Video Selector.

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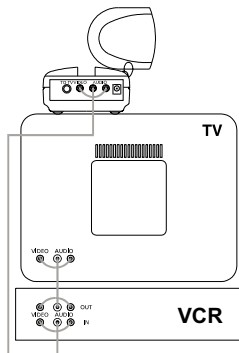
IMPORTANT

Before using *Lola* you must run Media Manager to scan your computer for music files and import them into *Lola*.

THE MEDIA MANAGER

In order to play your music in *Lola*, it has to know what songs you have on your computer. Use the Media Manager to do this. The Media Manager opens the first time you run *Lola*, but you can also access it from the Start Menu.
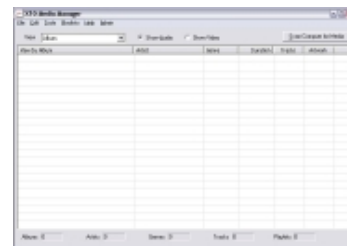
When you first open the *Lola* Media Manager, your library will be empty. To add music to your library, click the "Scan Computer for Media" button in the main window.

Scan Computer for Media

In the Scan window you choose the locations you want to search for music to add to your library. Unless you choose another location, the Media Search will look on your whole hard drive for music. You can change the locations to look in with the "Look for Media" menu, and by browsing in different folders.

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THE MEDIA MANAGER, CONT.

If you only want to include certain types of files, change the setting in the "File Types to Search For" menu. Use the "Exclude Files Smaller Than" option to tell Media Player to ignore smaller files (like Windows system and program sounds).

When you've selected all the options you want to change, click "Start Search" to begin. You can watch Media Search's progress in the status box. When the scan is done, it will display a list of the songs that were added to your Library.
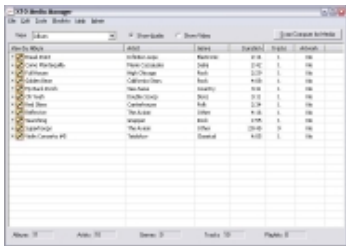
Close the Scan window to return to the media library. The music you just added will be listed in the library. You're now ready to close the Media Library and start *Lola*.

Refer to *Lola*'s help for more information. To do this click on the *Lola* tray icon at the bottom right of your computer screen.

THE *LOLA* PLAYER

Use the *Lola* shortcut on your desktop or the shortcut in the Start Menu to run *Lola*. You control all of *Lola*'s features with the *Lola* remote control. Press the PC button on the remote to get started. *Lola* starts up in the Playlist View, seen below.

MOVING AROUND THE SCREEN

Most of the things you do will use the remote's mini-joystick. Push the joystick in the direction of the item or feature on screen you want to select. Press down on the joystick to select the highlighted item; this is also called pressing **Enter**.

CHANGING MUSIC VIEWS

View Buttons

Use the colored View buttons to jump directly to a particular list view.

- **Album** lists all of the album titles in your collection.
- **Artist** lists all of the artists in your music collection.
- **Genre** lists your music by styles (Rock, Country, Jazz, etc.).
- **Track** displays the currently playing track list, or if you have an Album, Artist, Genre or Playlist item highlighted it opens and displays all the tracks that item has.
- **Playlist** shows you the list of Playlists that you have made.
- **Playing** displays the currently playing song in detail view.

When you are in a list view, you can use the joystick up and down directions to browse through the list. Use **Page Up** and **Page Down** to move a whole screen at a time.

Press **Top** to move highlight the first item in the list on screen; Press **End** to highlight the last. Press **Top** twice to go to the very first item in your selected view. Press **End** twice to go to the last thing in the entire list.

Video Views

Once you are in a view screen, pressing its button again will show your video list for that view. For example, if you press **Album** while looking at the album list, *Lola* will switch to the Video Album view. Press **Album** again to go back to the music list.

PLAYING MUSIC

To play music in *Lola*, find an Album, Artist, Genre, or Play List you want to play using the view mode buttons and the joystick. When the music you want to play is highlighted, select it by pressing down on the joystick, or by pressing **Play** on the remote. Your music will start playing. You can also select and play individual tracks from within the track list.

Selecting Numbered Items

You don't always have to use the joystick to select an item. When you are looking at a list of items in *Lola*, you can enter the number of the one you want to choose using the number buttons.
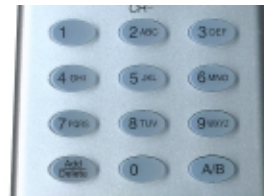
Controlling Song Playback

Use the familiar play control buttons when a song is playing to fast forward and rewind, change tracks and pause the current song.

Use the **Volume Up** and **Volume Down** buttons to adjust the loudness of the song that's playing. When you change the volume, a bar of dots will appear on screen to show you the current volume level. Note, you can also adjust the volume of your computer's sound output for your computer's volume control. You can also use the *Lola* remote to adjust the volume of your TV or Home Theater System.

USING SEARCH TO FIND MUSIC QUICKLY

If you have lots of music in your library, you can use the **Find** button on the remote to quickly skip to the music you want to hear.

In the Album, Artist, or Genre views, press **Find** on the remote to open the search box at the top of the *Lola* Screen.

Use the number keys on the remote to enter a letter — next to the numbers are labels to tell you which buttons to press. For example, the first time you press **7**, the letter P is selected. Pressing **7** two more times will select R and take you to the first Album, Artist, or Genre in the list that starts with R.

NOW PLAYING

The Now Playing screen shows you detailed information about the songs you are playing. You can open it by pressing the orange **Playing** button.

In the Now Playing screen you can move the joystick up and down to see other songs in the currently playing list. When you are viewing a song other than the one that's playing, just press **Enter** on the remote to start playing the new song.

Play Modes

Lola has five play modes. You change the play mode with the Select button on the *Lola* remote.

Each press of the **Select** button changes you to the next mode:

Repeat Off

In this mode, your songs are played in sequential order, and play stops at the end of the last song.

Repeat Track

Repeats the currently playing track until you stop it.

Repeat All

Repeats all the songs in the current list until you stop playing. When the last song in the list is reached, *Lola* starts again at the first song.

Shuffle

Plays songs from your playlist at random, until you stop play or change modes.

Preview

In this mode *Lola* will play the first 15 seconds of each song, and then go to the next song. The last song in the list will play through entirely. To get out of Preview mode, press **Select**, or **Stop**, or **Play**.

BUTTON DESCRIPTIONS

Setup Used to set up the remote to control your TV, Cable Box, or Audio System (see page 24):

Learn Learns TV/Audio/Cable codes not in the remote's library (see page 26):

(⏻) **Power** Hides/Reopens *Lola*. Also operates your TV/Stereo.

PC, TV, Audio, Cable Changes the remote's control from *Lola*, to TV, to Audio, to Cable 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 (if your TV supports that feature).

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 Chooses the currently highlighted selection. (Like pressing joystick button).

Page Up and Down Moves up and down through screens.

Playlist Displays your play lists.

Playing Displays detailed information on the track that's playing.

Top, End, Find, Select 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 alphabetically. **Select** lets you change the way tracks are played (Regular, Repeat Track, Repeat All, Shuffle, or Preview). See page 22.

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

Play Also plays the currently highlighted selection. Also, with Add/Delete, used to exclude a track from play.

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, click on the *Lola* tray icon at the bottom right of your screen.

USING THE REMOTE TO CONTROL YOUR TV, CABLE BOX, OR AUDIO SYSTEM

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

1. 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 27). The LED turns off after the last digit entered.
5. Point the remote at the device and press the POWER button a few times. Your device should turn off and on.

If you can't control all the features of your TV, Cable Box, or Audio System from the *Lola* Remote try another code for your brand from the code list. Note however that it's possible that not all the features of your TV, Cable Box, or Audio System are supported by the *Lola* Remote.

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

CODE IDENTIFICATION

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.

ADVANCED OPTIONS

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. Note, you can only learn codes under Power, VOL +/-, CH+/-, and Mute buttons.

1. Point your existing remote at the *Lola* Remote on a hard surface with a distance of about 1 inch between remotes.

Approx.
1 inch

2. Press the mode button that matches the equipment you want to learn (TV, Cable, 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 *Lola* 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 *Lola* 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.

ADVANCED OPTIONS

CODE LIST

TV

ABEX	185
ACME	003 031
ADA	009
ADC	009 002
ADMIRAL	001 173
ADVENTURA	174
AIKO	058
AIWA	195 196
ALLERON	046
AMARK	020
AMTRON	053
AKAI	002
AMSTRAD	189
ANAM NATIONAL	003 025 042 053 193
AOC	004 005 007 009 014 132 156 175
ARCHER	020
AUDIOVOX	053
BANG & OLUFSEN	190
BELCOR	004
BELL & HOWELL	000 001 049
BRADFORD	053
BROKSONIC	136 147
BROKWOOD	004
CANDLE	004 008 009 174
CAPEHART	175
CELEBRITY	002
CENTURION	009
CETRONIC	042
CHANGHONG	214
CITIZEN	001 004 008 009 042 053 058 105 109 177
CLAIRTONE	014
CLASSIC	042 214
COLORTYME	004 009 010
CONCERTO	004 009
CONCIERGE	121
CONTEC/CONY	012 013 014 042 053
CRAIG	042 053
CROWN	042 053
CURTIS MATHES	000 001 004 009 015 031 049 105 109 130
CXC	042 053
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Lola can do more for your music than freeing it from your computer! The X10 button on the *Lola* remote control puts you in control of the lights in your house just like it puts you in control of your music. When you listen to something relaxing, why not dim the lights, too? If it's time for a little wake-up music, how about hitting a button to make coffee? From simply turning on a lamp, to a full-blown automation system, X10 provides you with all the products you need.

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

• Make your lights match the music from anywhere in the house
• Give your home a secure appearance by scheduling when lights and other electronics turn on and off
• Turn on house lights while sitting in your car
• Schedule sprinkler systems
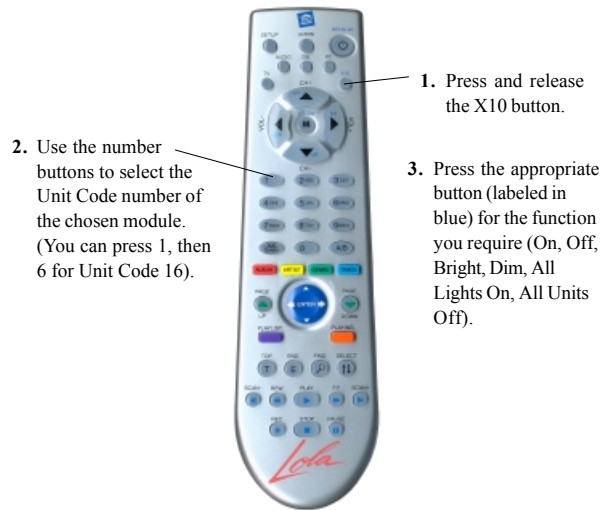• Control your lights and electronic devices using your personal computer

X10's control and automation products are easy to install 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 the next page to change it.

1. Press and release the X10 button.

2. Use the number buttons to select the Unit Code number of the chosen module. (You can press 1, then 6 for Unit Code 16).

3. Press the appropriate button (labeled in blue) for the function you require (On, Off, Bright, Dim, All Lights On, All Units Off).

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

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

1. Press and release the X10 button (indicator flashes).

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.

4. Press the Mute button to confirm the Housecode. The indicator blinks then goes off.

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.

2. 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).

1. Press and release the PC button.

3. 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.

If the remote control doesn't control *Lola*:

• Press the PC button on the *Lola* Remote.

• Check the USB cable on the Transceiver is connected to your computer.

• 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 (4 x AAA alkaline).

If the range for the *Lola* remote control is poor:

• Try locating the Transceiver away from the computer and the monitor.

If there is no sound:

• Check the volume in *Lola*, the master volume on your computer, and the volume on your TV or Home Theater System. If any of them are muted or turned down too low you won't hear anything.

• Check the connections between your computer's sound card and your speakers, or between your computer's sound card and the Audio/Video Sender (for Wireless versions of the system).

If there's no picture (or sound) on your TV (Remote versions):

1. Make sure your Audio/Video Receiver is connected to power and turned On.

ON ☐ OFF
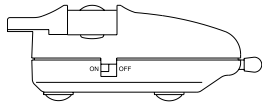
2. Select the appropriate video input on your TV. Usually you can select the input mode by pressing the VIDEO or INPUT button on the TV's remote control. Or you might have to change the TV to Channel 0 or 2, and then use Channel Down to change video inputs. See your TV's owner's manual if you still aren't sure how to change the video source.

3. Make sure your Video Sender is connected to power and turned on.

4. Follow the setup instructions again and check that you have done each step correctly.

5. Make sure that the ABCD switches on the top of the Audio/Video Sender and the bottom of the Audio/Video Receiver are set to the same letter. (See pictures on next page).

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If the picture (or sound) on your TV isn't clear (Wireless versions):

First, adjust the antennas on the Audio/Video Sender and Receiver so that they point towards each other. The sides of the antennas marked with four squares should face each other. You can also try moving the Receiver itself to another location near the TV. Sometimes moving it just a foot can make a big difference.

TRANSMITTER ▢▢▢▢ ⇨ Point antennas at each other ⇦ ▢▢▢ *RECEIVER*
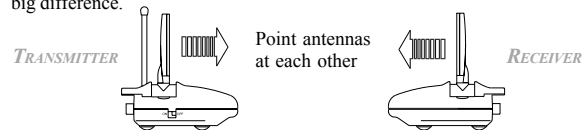
If the picture/sound still doesn't improve after adjusting the antennas and Receiver position, try changing the channels on the Audio/Video Sender and Receiver. The channel switch is on the top on the Sender (under the flip-up antenna) and on the bottom on the Receiver. Change the setting on both the Sender and Receiver, making sure they are set to the same letter (A, B, C, or D). Try different letter settings to see if the picture/sound improves.

You may still have trouble getting a clear picture if there is something in the area using the same frequencies as the *Lola* system. The following things can interfere with the transmission: 2.4 GHz cordless phones, wireless networks, baby monitors, and microwave ovens. If you have any of these, turn them off to see if the problem goes away.

If your picture has been fine and suddenly becomes distorted or fuzzy, look for new things in your house that might be causing interference.

For more help with setup please visit: http://www.x10.com/support

Set the ABCD channel switch

Top of Sender　　　　**Bottom of Receiver**
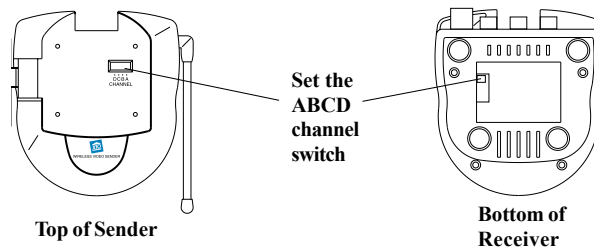
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FCC Caution

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.**
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> **North Las Vegas, NV 89032**

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