

WVH111

User Manual  
AOLTV



# Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your PHILIPS purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS product. So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.

## Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your PHILIPS warranty.

## Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

## Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Congratulations on your purchase, and welcome to the "family!"



# PHILIPS



Dear PHILIPS product owner:

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome—and thanks for investing in a PHILIPS product.

Sincerely,

Robert Minkhorst  
President and Chief Executive Officer

P.S. Remember, to get the most from your PHILIPS product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

## Know these safety symbols



This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

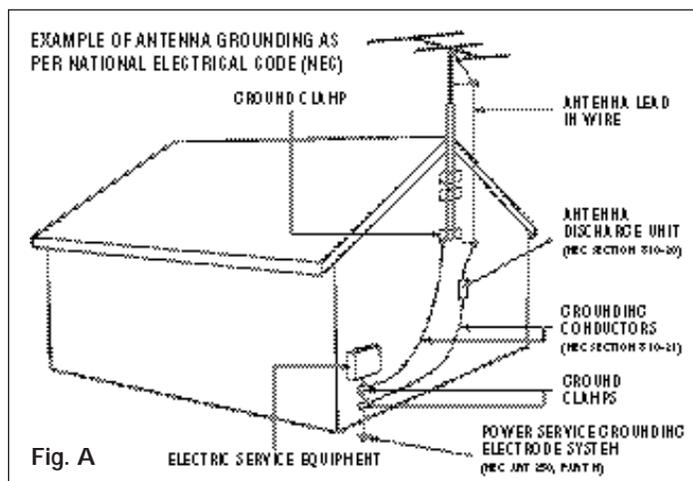
CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Visit our World Wide Web Site at <http://www.philipsusa.com>

# SAFETY INSTRUCTIONS - READ BEFORE OPERATING EQUIPMENT.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **Attachments** - Do not use attachments not recommended by the video product manufacturer as they may cause hazards.
7. **Water and Moisture** - Do not use this video product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, near a swimming pool, etc.
8. **Accessories** - Do not place this video product on an unstable surface. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
- 8A.  An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
9. **Ventilation** - Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the video product, and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface. This video product should never be placed near or over a radiator or heat register. This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. **Power Sources** - This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance supplier or local power company. For video products intended to operate from battery power or other sources, refer to the operating instructions.
11. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
12. **Outdoor Antenna Grounding** - If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.
13. **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power surges.
14. **Power lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
15. **Overloading** - Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
16. **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
17. **Servicing** - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. **Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power-supply cord or plug is damaged.
  - b. If liquid has been spilled on, or objects have fallen into the product.
  - c. If the product has been exposed to rain or water.
  - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
  - e. If the product has been dropped or the cabinet has been damaged.
  - f. When the product exhibits a distinct change in performance - this indicates a need for service.
19. **Exchange Policy** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or which have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
20. **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
21. **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products that produce heat.
22. **Telephone** - Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
23. **Gas Leaks** - Do not use a telephone in the vicinity of a gas leak. If you suspect a gas leak, report it immediately, but use a telephone away from the area where gas is leaking. With a cordless phone, also make sure that the phone base is away from the gas leak.
24. **Grounding or Polarization** - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.



# GENERAL INFORMATION

## NOTE TO CATV SYSTEM INSTALLER

This reminder is provided to call the CATV (Cable TV) system installer's attention to Article 820-40 of the NEC (National Electrical Code) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

## DECLARATION OF CONFORMITY

We: **Philips Consumer Electronics Company**  
**64 Perimeter Center East**  
**Atlanta, GA 31146**  
**(800) 531-0039**

Declare under sole responsibility that the product identified herein complies with 47CFR Parts 2, 15 and 68 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect that the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis.

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.

The above-named party is responsible for ensuring that the equipment complies with the standards of 47CFR §§15.101 to 15.109

Trade Name: **Philips**  
Type/Model Number: **WVH 111/17**  
Executed: **May 19, 1999 Atlanta**

## IMPORTANT

This product was FCC-certified under test conditions that included use of shielded cables and connectors between system components. It is important that you use shielded cables to reduce the possibility of causing interference to radios, television sets, and other electronic devices. If you have any problems, contact your supplier.

Any change or modifications to the equipment by the user not expressly approved by the manufacturer could void the user's authority to operate such equipment.

## NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the supplier or an experienced radio/TV technician for help.

## GENERAL INFORMATION (CONT'D)

### FCC PART 68 ANALOG DEVICE WARNINGS

This equipment complies with Part 68 of the Federal Communications Commission (FCC) rules for the United States.

A label is located on the back of the base unit containing the FCC registration number and Ringer Equivalence Number (REN). You must, upon request, provide this information to your local telephone company.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs should not exceed five. To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

This equipment uses the following USOC jack: RJ-11C.

If you experience trouble with this telephone equipment, or if trouble is experienced with the Set Top Box and you need repair or warranty information, please contact AOLTV Member Services at 1-800-810-4665.

- If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- The telephone company may ask you to disconnect this equipment from the line network until the problem has been corrected.
- This equipment cannot be used on public coin-operated phone service provided by the telephone company. Connection to party line service is subject to state tariffs.
- Your telephone company may discontinue your service if your equipment causes harm to the telephone network. They will notify you in advance of disconnection, if possible. During notification, you will be informed of your right to file a complaint to the FCC.
- Occasionally, your telephone company may make changes in its facilities, equipment, operation or procedures that could affect the operation of your equipment. If so, you will be given advance notice of the change to give you an opportunity to maintain uninterrupted service.
- Be sure the telephone line to which you are connecting the Set Top Box is a standard analog line and not a digital (PBX), party, or coin-operated telephone line.

# GETTING STARTED

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## GETTING STARTED (CONT'D)

### AOLTV™ FEATURES

Welcome to the AOLTV service!

You now have a quick, easy, convenient way to enjoy television and all the advantages of the AOL service right on your TV.

With popular AOL features like e-mail, Instant Message notes, and chat, the AOLTV service brings the AOL community into your family room conveniently and comfortably. Now you can...

- **Use the on-screen AOLTV™ Program Guide to see what's on TV. Set a reminder so you don't miss the start of the movie you want to catch. Or, record it and watch it later.**
- **Check your e-mail and swap messages with friends while watching the game on TV.**
- **Create your own lists of favorite TV channels and Web sites.**
- **Watch a TV program and go directly to an AOLTV page or Web page that complements that program.**
- **Shop online while waiting for your show to start.**
- **Get your pictures delivered online from the photo store instead of driving to pick them up.**
- **Know who's online and share Instant Messages about what's on TV using the Buddy List™ feature.**
- **Tailor your family's online experience with the Parental Controls™ feature.**

The information in this User Manual will help you set up and start using your AOLTV Set Top Box by Philips. Further help is available in the on-screen instructions.

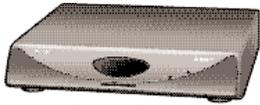
Thank you for choosing AOLTV.

# GETTING STARTED (CONT'D)

## PACKAGE CONTENTS

Make sure you have received all the items shown here. If you are missing anything, please call AOLTV Member Services at 1-800-810-4665. If you need to order an item, please refer to the part numbers given here.

Keep the packaging materials in case you move or need to return the Set Top Box for servicing.



• Set top box  
WVH111



• Remote control  
3128 147 11462  
• Batteries  
9299 000 65263



• Keyboard  
3139 228 83102  
• Batteries  
9299 000 65263



• Power cord  
3111 170 22001



• Phone cable  
3104 128 92422



• Phone splitter  
3135 010 00321



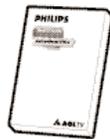
• Coaxial cable  
3104 128 90403



• Audio/Video cable  
(red, white, and yellow)  
3104 128 91791



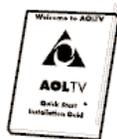
• IR Blaster  
3135 017 00921



• Instructional video  
3104 128 92591



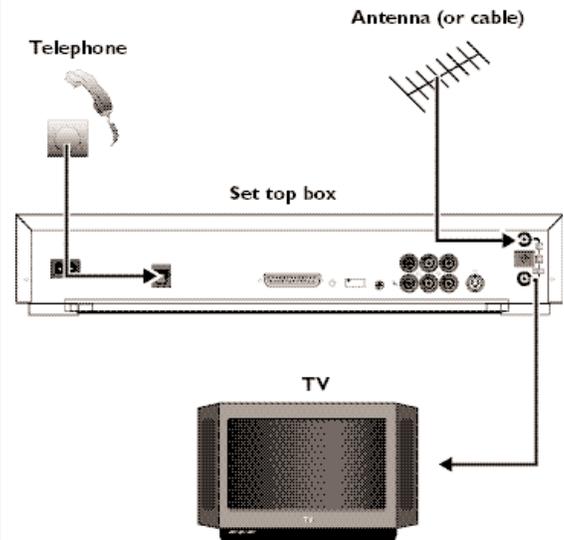
• User manual  
(Includes warranty  
information)  
3104 125 2310.2



• Quick Start Installation Guide

## CONNECTION OVERVIEW

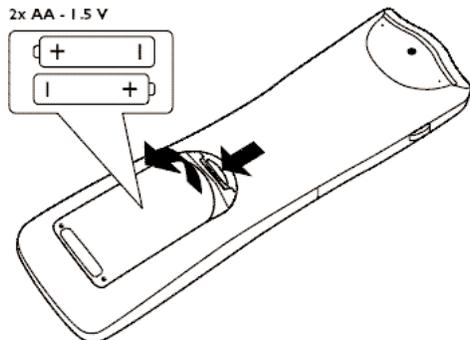
Your Set Top Box connects to your TV and your telephone line to provide the AOLTV service. You can connect other equipment such as a VCR, cable box, stereo system, or printer if you want. Basic connections are explained in this manual.



# GETTING STARTED (CONT'D)

## REMOTE CONTROL BATTERY INSTALLATION

1. Open the battery compartment cover.
2. Insert two AA batteries, positioned as indicated, inside the battery compartment.
3. Close the cover.



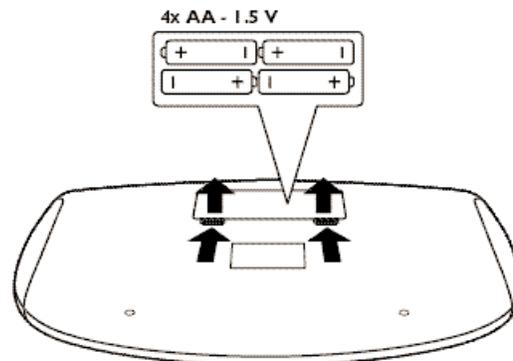
## KEYBOARD BATTERY INSTALLATION

### Inserting batteries into the keyboard:

1. Open the battery compartment cover.
2. Insert four AA batteries, positioned as indicated, inside the battery compartment.
3. Close the cover.

### CAUTION

DO NOT MIX OLD AND NEW BATTERIES, AND NEVER MIX DIFFERENT TYPES OF BATTERIES (STANDARD, ALKALINE, OR NICAD).



## FRONT PANEL

### Smart Card Slot

Allows you to use Smart Card technology when it becomes available. Additional accessories may be required. Information will be provided when features become available.

### Infrared (IR) Sensor

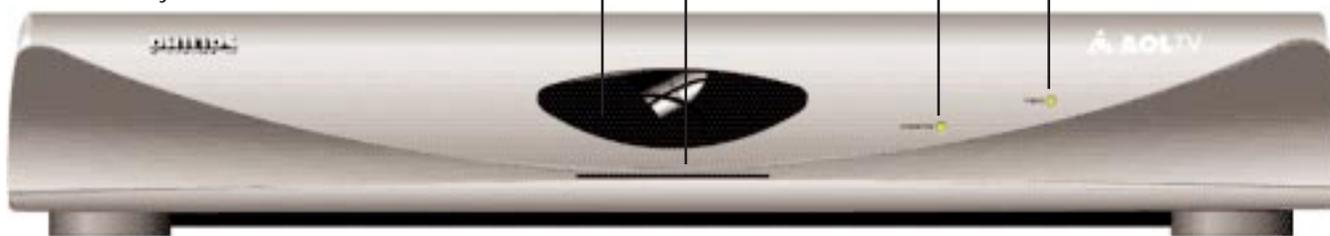
Receives signals from the remote control and wireless keyboard.

### Connected LED

Blinks as you are dialing and lights when you are signed on.

### Power LED

Lights when the Set Top Box is on.



## SET TOP BOX PLACEMENT

- Place the Set Top Box on a firm, flat surface.
- Keep the Set Top Box away from heating equipment and direct sunlight.
- Do not stack other equipment on top of your Set Top Box.
- Do not put anything that could spill liquid on top of the Set Top Box.
- Keep one inch of free space around the Set Top Box for adequate ventilation.

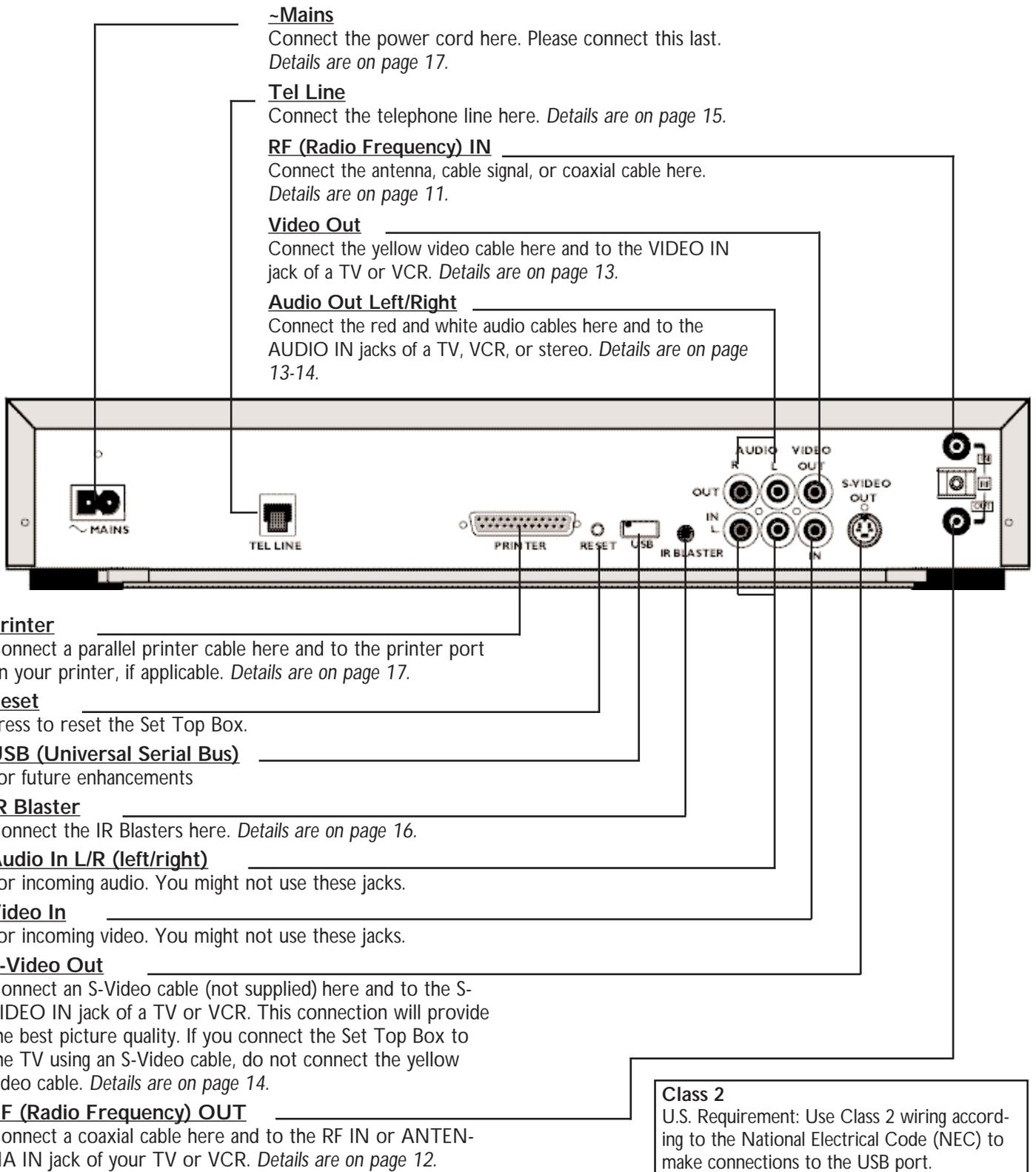


### SMART HELP

Your Set Top Box works best if it is connected continuously to the power outlet. Unless you are moving, avoid disconnecting the power cord.

# GETTING STARTED (CONT'D)

## BACK PANEL



**Class 2**  
U.S. Requirement: Use Class 2 wiring according to the National Electrical Code (NEC) to make connections to the USB port.

**CAUTION**  
DO NOT TOUCH THE INNER PINS OF THE BACK PANEL CONNECTORS. ELECTROSTATIC DISCHARGE MAY CAUSE PERMANENT DAMAGE TO THE UNIT.

# CONNECTIONS

## There are five steps to connecting the Set Top Box.

1. Connect the Set Top Box to the source of your programming (cable TV signal, cable box, or antenna).
2. Connect the Set Top Box to your audio and video equipment (TV, VCR, or stereo).
3. Connect the phone line to the Set Top Box.
4. Connect and position the IR Blasters.
5. Connect the Set Top Box to power.

When necessary, refer to the manuals for your TV, VCR, stereo or other equipment to determine the best connections in your situation.

## CAUTION

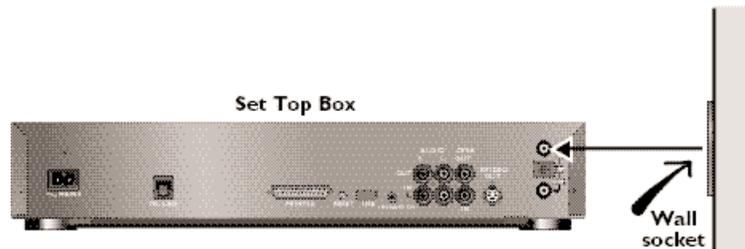
TO REDUCE THE RISK OF ELECTRIC SHOCK AND DAMAGE TO YOUR EQUIPMENT, ALWAYS UNPLUG THE POWER CORD BEFORE CHANGING CONNECTIONS ON THE SET TOP BOX.

## STEP ONE: CONNECTING AN ANTENNA OR CABLE TV SIGNAL

Choose the STEP ONE diagram that best matches the source of your TV programs.

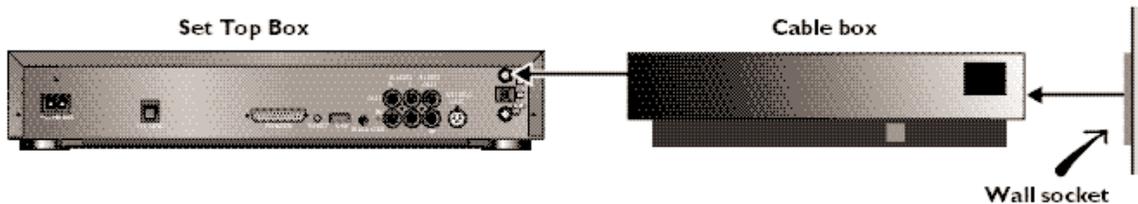
### SOURCE IS CABLE

1. Connect the cable signal (coming from the wall) to the RF IN jack on the back of the Set Top Box.



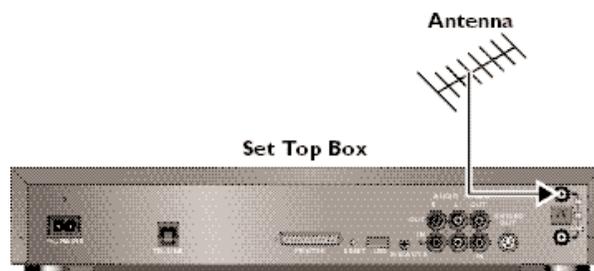
### SOURCE IS A CABLE BOX

1. Connect the cable signal (coming from the wall) to the IN jack on the Cable Box.
2. Connect a coaxial cable to the OUT jack on the Cable Box and to the RF IN jack on the back of the Set Top Box.



### SOURCE IS AN ANTENNA

1. Connect the antenna wire to the RF IN jack on the back of the Set Top Box.



# CONNECTIONS (CONT'D)

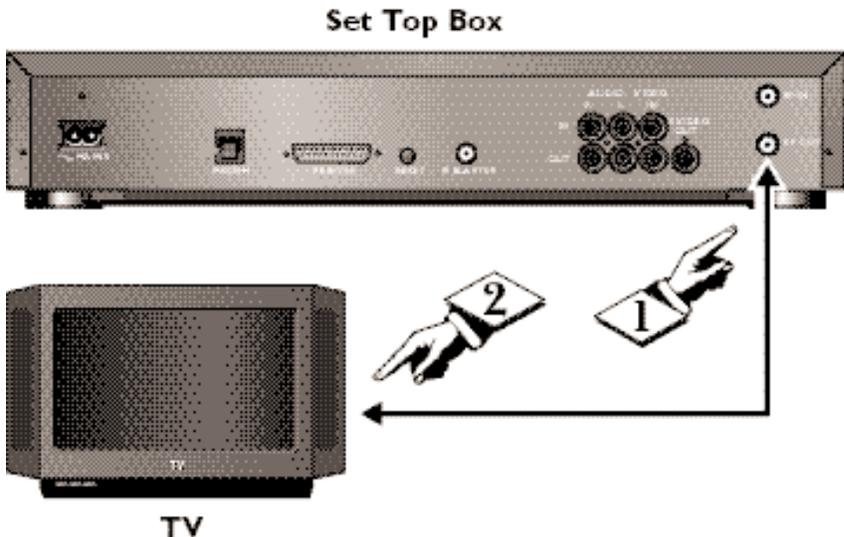
## STEP TWO: CONNECTING THE SET TOP BOX TO YOUR TV AND/OR VCR

Choose the STEP TWO diagram that matches the cables you prefer.

### USING COAXIAL CABLE (TV ONLY, NO VCR)

**1** Connect one end of the supplied coaxial cable to the RF OUT jack on the back of the Set Top Box.

**2** Connect the other end of the coaxial cable to the TV's ANTENNA IN or RF IN jack.

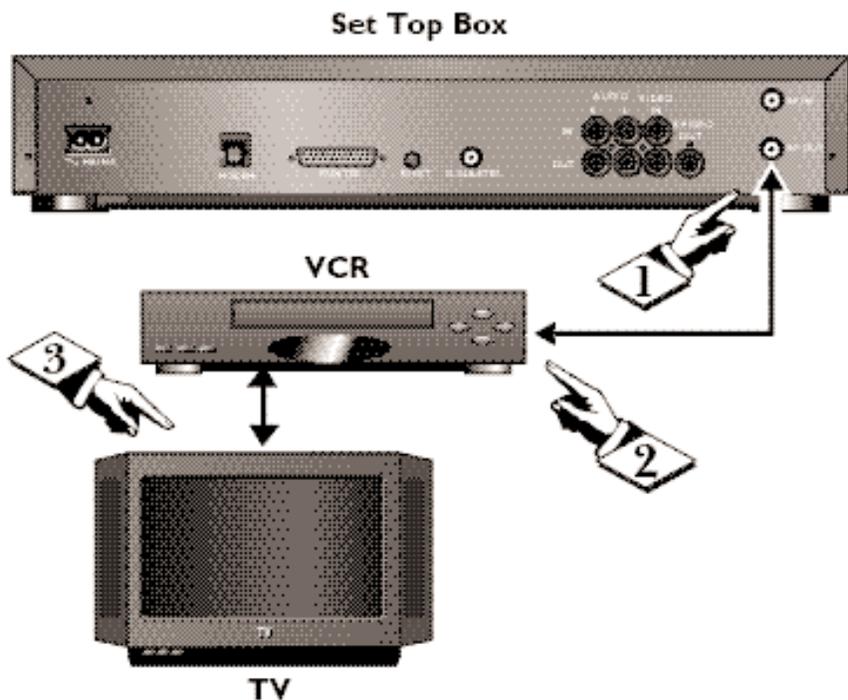


### USING COAXIAL CABLE (TV AND VCR)

**1** Connect one end of the supplied coaxial cable to the RF OUT jack on the back of the Set Top Box.

**2** Connect the other end of the coaxial cable to the VCR's ANTENNA IN or RF IN jack.

**3** Connect a second coaxial cable (not supplied) to the ANTENNA OUT or RF OUT jack of the VCR and to the ANTENNA IN or RF IN jack of the TV.



### SMART HELP



If you have an older model TV and there is no place to plug in a coaxial cable, use a balun or matching transformer (300 ohm to 75 ohm) obtainable at an electronics store. Connect the coaxial cable to the transformer and connect the transformer to the VHF antenna screws on the TV. Set the TV to channel 3 and use the Set Top Box remote control to change channels.



example of transformer

# CONNECTIONS (CONT'D)

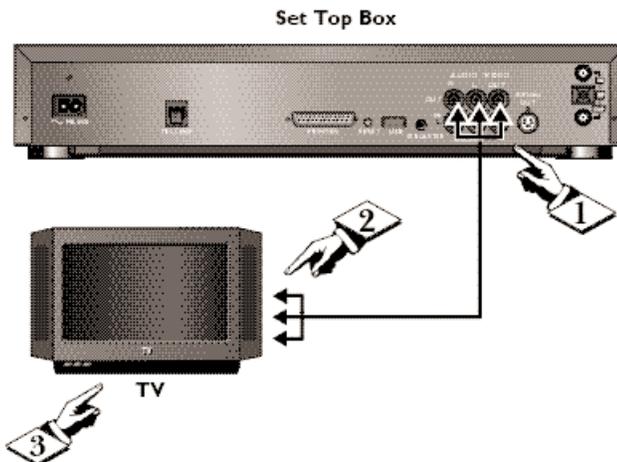
## STEP TWO: CONNECTING THE SET TOP BOX TO YOUR TV AND/OR VCR (CONT'D)

### USING THE RED, WHITE & YELLOW AUDIO/VIDEO CABLES (TV ONLY, NO VCR)

**1** Connect one end of the yellow video cable to the VIDEO OUT jack on the back of the Set Top Box. Connect the other end of the yellow cable to the VIDEO IN jack on your TV.

**2** Connect the red and white audio cables to the red and white AUDIO OUT jacks on the back of the Set Top Box and to the AUDIO IN jacks on your TV. Match the colors of the cables to the colors of the jacks.

**3** Verify you are using the correct input setting by referring to the user manual for your TV. On some models, you might need to choose Auxiliary or Video In as your input source.



IF YOU ARE CONNECTING THE SET TOP BOX TO YOUR STEREO, USE THE AUXILIARY JACKS. DO NOT USE THE PHONO JACK.

### USING THE RED, WHITE & YELLOW AUDIO/VIDEO CABLES (TV AND VCR)

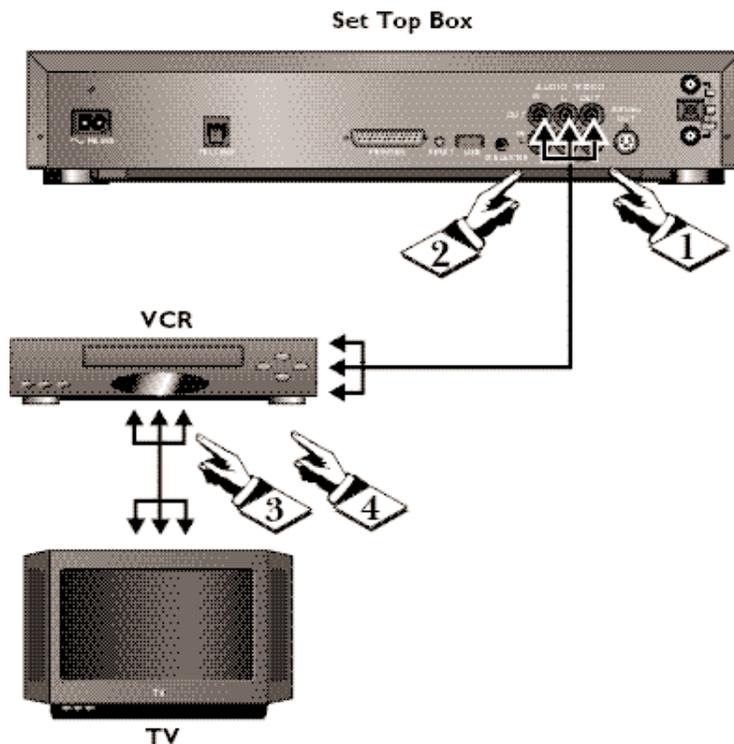
**1** Connect the yellow video cable to the VIDEO OUT jack on the back of the Set Top Box and to the VIDEO IN jack on your VCR.

**2** Connect the red and white audio cables to the red and white AUDIO OUT jacks on the back of the Set Top Box and to the red and white AUDIO IN jacks on your VCR. Match the colors of the cables to the colors of the jacks.

**3** Connect a second yellow video cable (not supplied) to the VIDEO OUT jack on the VCR and to the VIDEO IN jack on your TV.

**4** Connect a second pair of red and white audio cables (not supplied) to the red and white AUDIO OUT jacks on the VCR and to the red and white AUDIO IN jacks on your TV. Match the colors of the cables to the colors of the jacks.

**5** Verify you are using the correct input setting by referring to the user manual for your TV. On some models, you might need to choose Auxiliary or Video In as your input source.



### SMART HELP

If you are connecting the Set Top Box to a stereo, connect the red and white cables to the AUDIO OUT jacks on the Set Top Box and to the AUDIO IN jacks (or Auxiliary In) of your stereo.

# CONNECTIONS (CONT'D)

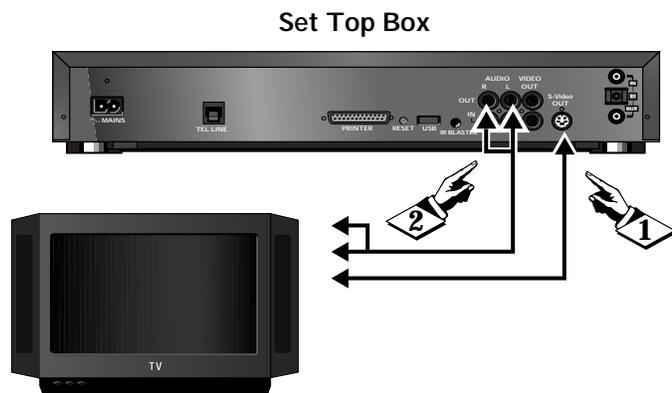
## STEP TWO: CONNECTING THE SET TOP BOX TO YOUR TV AND/OR VCR (CONT'D)

### USING S-VIDEO CABLE (TV ONLY, NO VCR)

**1** Connect an S-Video cable (not supplied) to the S-VIDEO OUT jack on the Set Top Box and to the S-VIDEO IN jack on your TV.

**2** Connect the red and white audio cables to the red and white AUDIO OUT jacks on the back of the Set Top Box and to the AUDIO IN jacks on your TV. Match the colors of the cables to the colors of the jacks.

**3** Verify you are using the correct input setting by referring to the user manual for your TV. On some models, you might need to choose Auxiliary or Video In as your input source.



**SMART HELP**

If you are connecting the Set Top Box to a stereo, connect the red and white cables to the AUDIO OUT jacks on the Set Top Box and to the AUDIO IN jacks (or Auxiliary In) of your stereo.

### USING S-VIDEO CABLE (TV AND VCR)

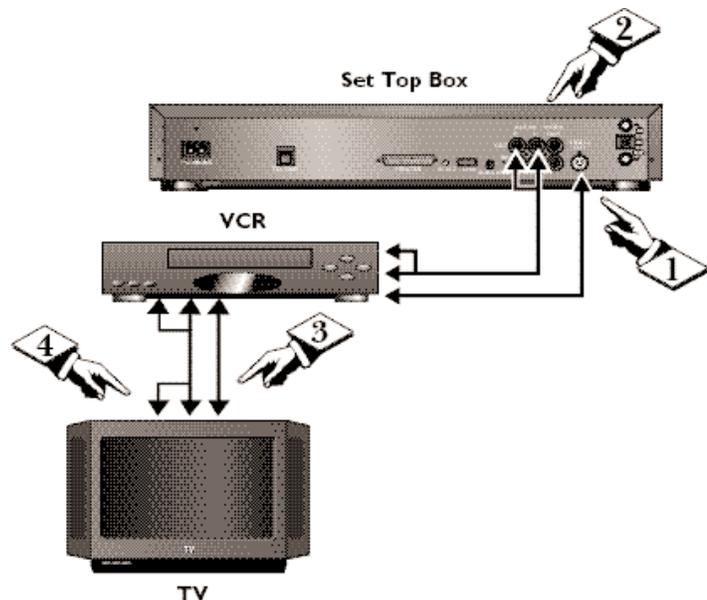
**1** Connect an S-Video cable (not supplied) to the S-VIDEO OUT jack on the Set Top Box and to the S-VIDEO IN jack on your VCR.

**2** Connect the red and white audio cables to the red and white AUDIO OUT jacks on the back of the Set Top Box and to the AUDIO IN jacks on your VCR. Match the colors of the cables to the colors of the jacks.

**3** Connect a second S-Video cable (not supplied) to the S-VIDEO OUT jack on the VCR and to the S-VIDEO IN jack on your TV.

**4** Connect a second pair of red and white audio cables (not supplied) to the red and white AUDIO OUT jacks on the VCR and to the red and white AUDIO IN jacks on your TV. Match the colors of the cables to the colors of the jacks.

**5** Verify you are using the correct input setting by referring to the user manual for your TV. On some models, you might need to choose Auxiliary or Video In as your input source.



**CAUTION**

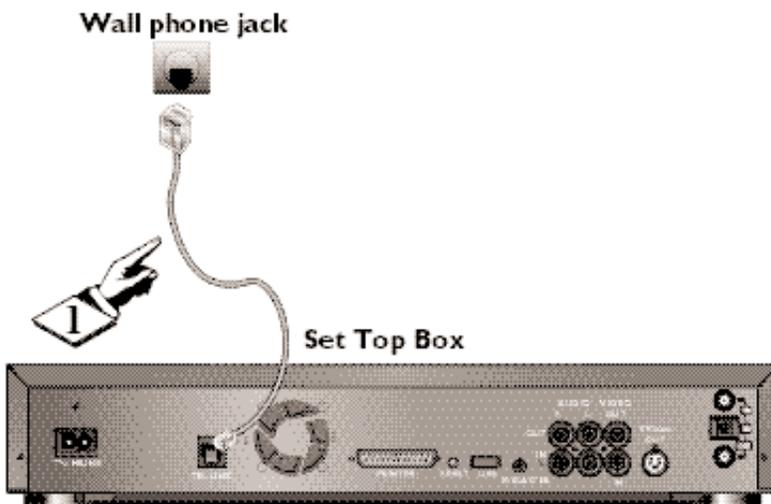
IF YOU ARE USING THE S-VIDEO CABLE, DO NOT CONNECT THE YELLOW VIDEO CABLE.

IF YOU ARE CONNECTING THE SET TOP BOX TO YOUR STEREO, USE THE AUXILIARY JACKS. DO NOT USE THE PHONO JACK.

# CONNECTIONS (CONT'D)

## STEP THREE: CONNECTING THE PHONE LINE

**1** Connect the supplied telephone cord to the TEL LINE jack on the back of the Set Top Box and to the wall phone jack.

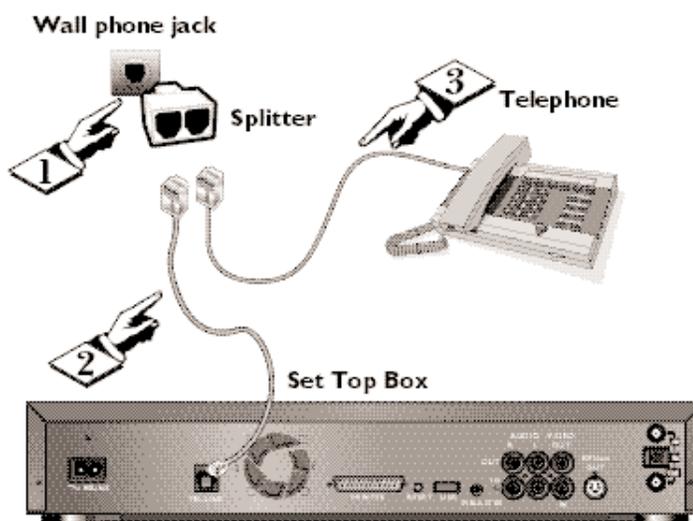


OR, TO USE THE SAME WALL PHONE JACK FOR BOTH YOUR TELEPHONE AND THE SET TOP BOX:

**1** Plug the telephone splitter (supplied) into the wall phone jack.

**2** Connect the telephone cord (supplied) to the TEL LINE jack on the back of the Set Top Box and to one of the jacks on the splitter.

**3** Connect the telephone cord of your telephone to the second jack on the splitter.



## CONNECTIONS (CONT'D)

### INFRARED (IR) TECHNOLOGY

Infrared (IR) technology allows you to give instructions (like changing channels) to a piece of equipment—and it's wireless.

The remote control and wireless keyboard use IR beams to send your instructions to the Set Top Box. Then, the Set Top Box uses IR Blasters to send those instructions to your other equipment. Instead of having to juggle remote controls or switch from one device to another, the Set Top Box simplifies your TV tasks by taking care of everything. The IR blasters allow your Set Top Box to communicate with several devices at one time, depending on where they are located.



### STEP FOUR: CONNECTING AND POSITIONING THE IR BLASTERS

The IR Blasters are designed to tuck under most equipment, directly in front of each device's IR sensor. Usually, the sensor looks like a small, dark window in the front panel. The user manual for each device you own should identify the IR sensor.

If your equipment is arranged so that several devices stack one above the other, one IR blaster can signal all of them. The other blaster is not used, so place it out of sight behind your equipment. You can choose to use both blasters if your equipment is stacked.

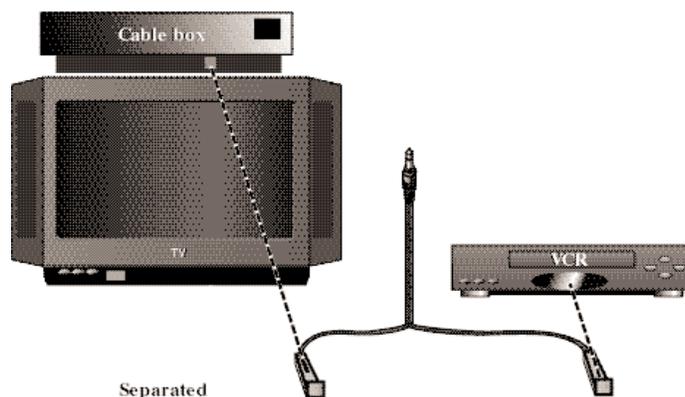


Stacked

Or, if your Cable Box is in a different location from your VCR, you might need to put an IR Blaster under each of them. Blasters can send signals to a range of 40 inches, as long as the eye of the blaster is in a direct, uninterrupted line of sight to the IR sensor of your equipment.

**1** Plug the IR blaster into the IR BLASTER jack on the back of the Set Top Box.

**2** Place each IR Blaster so its eye can see the sensor(s) on your equipment.



Separated

## CONNECTIONS (CONT'D)

### STEP FIVE: CONNECTING THE POWER CORD

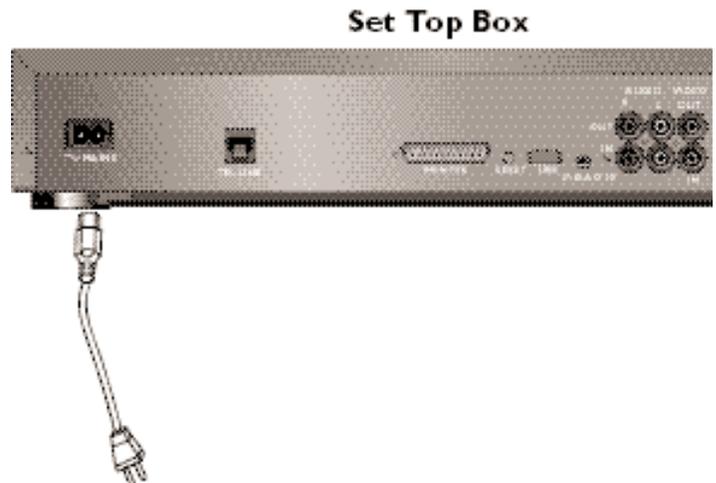
**1** Plug the flattened end of the power cord into the MAINS jack on the back of the Set Top Box.

**2** Plug the two-pronged end of the cord into an AC outlet.

**NOTE:** Your Set Top Box works best if it is continuously plugged into the power outlet. Unless you are moving, avoid unplugging the box unnecessarily.

#### CAUTION

ONLY A QUALIFIED SERVICE REPAIR TECHNICIAN SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE.



### CONNECTING A PRINTER

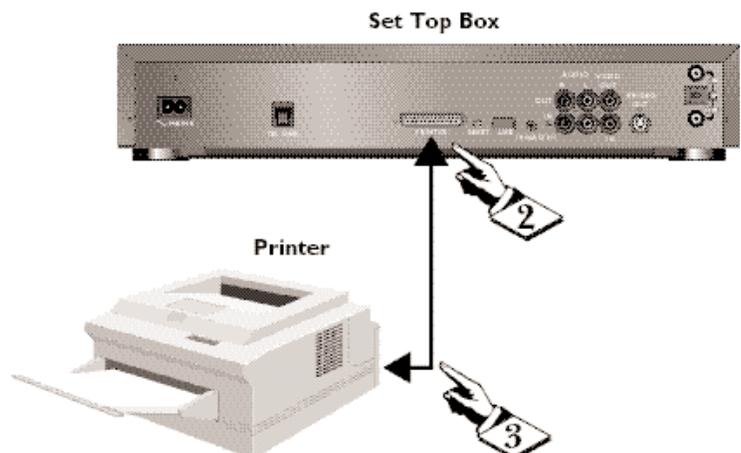
The AOLTV service currently works with two common brands of printers, Canon and Hewlett-Packard. More printers might be added to this list in the future. You can check the on-screen *Help & Setup* for the most current brands and models.

#### CANON MODELS

Canon BJC-5  
Canon BJC-80  
Canon BJC-250  
Canon BJC-620  
Canon BJC-4400

#### HEWLETT-PACKARD MODELS

HP 400  
HP 400L  
HP 540  
HP 600  
HP 660C  
HP 670C  
HP 660Cse  
HP 672TV  
HP 680C  
HP 682C  
HP 690C  
HP 692C  
HP 693C  
HP 694C



If you have a compatible printer, you can hook it up now.

**1** Disconnect the printer's power cord from the power outlet.

**2** Connect one end of your printer's parallel printer cable (not included) to the PRINTER jack on the back of the Set Top Box. The cable must be an IEEE 1284, bi-directional, parallel compliant cable.

**3** Connect the other end of the parallel printer cable to the jack on your printer. Check your printer's owner's manual if you can't find the printer jack.

**4** Connect the printer's power cord to a power outlet.

# REMOTE CONTROL

**POWER:** Press to turn on or off the device that the remote is currently operating. Press SET TOP, TV, VCR, CABLE, or SAT/AUX to determine which equipment is being controlled.

**SET TOP:** Press to set the remote to control the Set Top Box.

**TV, VCR, CABLE, SAT/AUX:** Press before using the Set Top Box remote to operate other equipment. *Details are on pages 28-31.*

**SET:** Press when setting the remote to operate other devices. *Details are on pages 28-31.*

**Numbers 0 - 9:** Press to change the channel on your Cable Box, TV, or other device by pressing the digits, then pressing ENTER.

**GUIDE:** Press to display program listings. *Details are on page 25.*

**MENU:** Press to display the Main menu. *Details are on page 24.*

**Arrow Keys:** Press to move the golden highlight or the text box cursor. *Details are on page 20.*

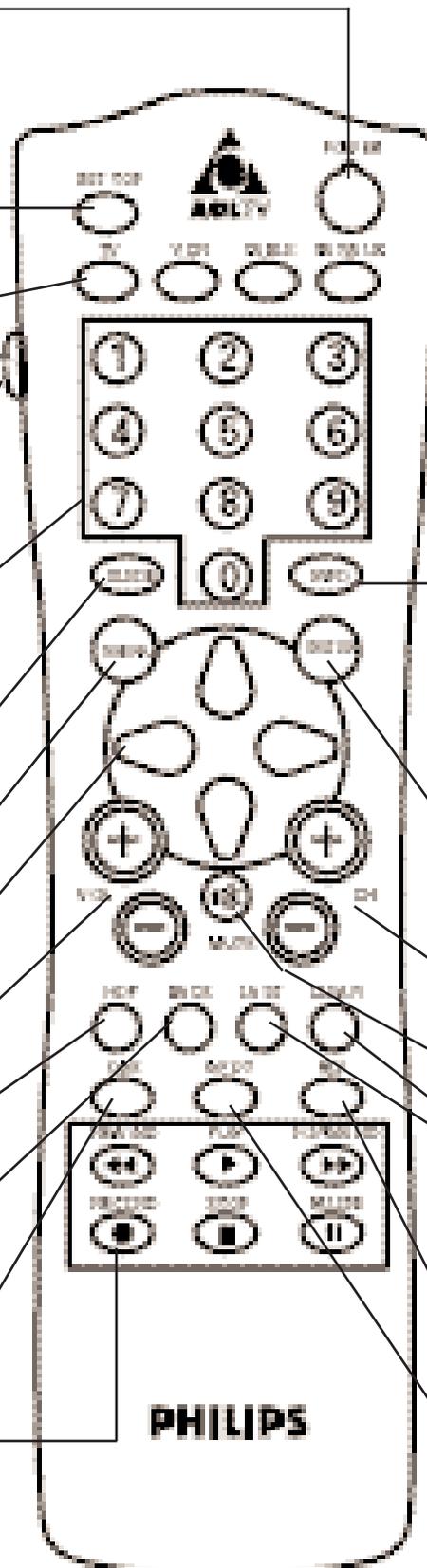
**VOL (Volume) +/-:** Press to adjust the volume up or down.

**HOP:** Press to move the highlight from one major screen region to another.

**BACK:** The Set Top Box keeps a list of all the pages you visit. Press BACK to see the previous page.

**ONE:** *When you are watching TV,* press to display the one-line guide.

**VCR controls:** Activate your VCR's Rewind, Play, (Fast) Forward, Record, Stop and Pause functions.



## SMART HELP



The Set Top Box remote control will operate other devices if you set it to do so. You may use it to control your TV, VCR, Cable Box, or amplifier/receiver. *Details are on pages 28-31.*

When using the Set Top Box remote to operate a TV, VCR, Cable Box, or amplifier/receiver, make sure you first press the TV, VCR, CABLE, or SAT/AUX button. Always point the remote control at the device that you are trying to operate.

### INFO:

*When you are watching TV,* press to display AOLTV logo, notifications, and program info. *When you are looking at the AOLTV™ Program Guide,* press to display program info.

*When you are looking at an AOLTV page or Web page,* press to display the page title and address.

### ENTER:

Press to activate a highlighted button or to display a highlighted program.

### CH (channel) +/-:

Press to surf up or down the channel list, one channel at a time.

### MUTE:

Press to turn sound on or off.

### CLEAR:

Press to return to full-screen TV. If a text box is highlighted, press to remove everything in the text box.

### LAST:

Press to go to the last channel you picked by channel number or from the MiniGuide.

### FAV (Favorites):

Press to display a list of favorite channels and Web pages.

### INPUT:

Press to choose between several signal inputs: video, cable TV, tuner, etc.

# WIRELESS KEYBOARD

**Pictures:**

Displays the You've Got Pictures™ service. If you're not online, it signs on, then displays the You've Got Pictures service.

**AOLTV Channel:**

Displays the AOLTV Channels screen.

**Chat:**

Displays the Chat screen. If you're not online, it signs on, then displays the Chat screen.

**Buddy List:**

Displays your Buddy List groups. If you're not online, it signs on, then displays your Buddy List groups.

**Write:**

Displays the Write Mail screen. If you're not online, it signs on, then displays the Write Mail screen.

**Mail:**

Displays your New Mail list. If you're not online, it signs on, then displays your New Mail list.

**Guide:**

Displays full-screen program listings, tuned to the miniguide for the current channel.

**Menu:**

Displays the AOLTV logo and notification spaces, and opens or closes the Main menu.

**Enter:**

Activates a highlighted button or displays a highlighted program.

**Hop/Tab:**

Moves the highlight from one major screen region to another.

**Favorites:**

Displays a list of favorite channels and Web pages.

**History:**

Displays small pictures of the most recent pages you visited since you signed on.

**Help:**

Displays the Help feature.

**Info:**

When you are watching TV, displays AOLTV logo, notifications, and program info. When you are looking at the AOLTV Program Guide, displays program info. When you are looking at an AOLTV page or Web page, displays the page title and address.

**Go:**

Displays a text box where you can type a Web address, for example, www.aol.com, a keyword or a search term. Also lets you save Favorites, view Favorites, view History, and print.

**Power:**

Switches the Set Top Box on or off.

**Print:**

Prints whatever you see on the TV screen, according to your preferences (see online Help to set preferences).

**Volume - :**

Decreases TV volume.

**Volume + :**

Increases TV volume.

**Mute :**

Instantly turns TV sound on or off.

**Last :**

Goes back to the last TV channel you picked by channel number or from the miniguide.

**Channel - :**

Surfs down the channel list, one channel at a time.

**Channel + :**

Surfs up the channel list, one channel at a time.

**Clear:**

Press to return to full-screen TV programming. If a text box is highlighted, press to remove everything in the text box.

**Remote Mouse:**

Moves the golden highlight on the screen or the vertical cursor in a text box.

**Page Up:**

Scrolls the page upward in one-page sections.

**Enter:**

Activates a highlighted button or displays a highlighted program.

**Page Down:**

Scrolls the page downward in one-page sections.

**Fwd:**

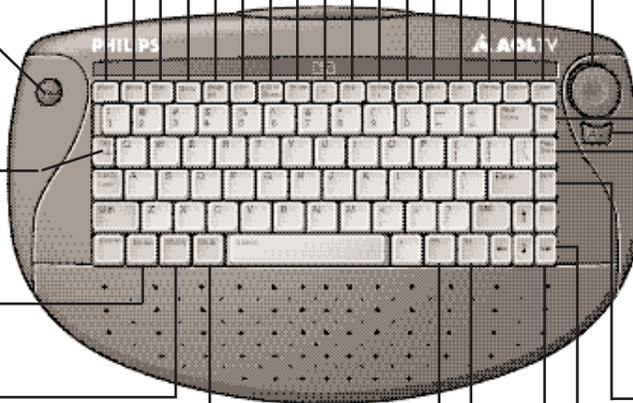
(Forward) The Set Top Box keeps a list of all the pages you visit. Press Fwd to see the next page in the list.

**Back:**

The Set Top Box keeps a list of all the pages you visit. Press Back to see the page before your current page in the list.

**Arrow Buttons:**

Move the highlight or cursor in the designated directions.



# SETUP

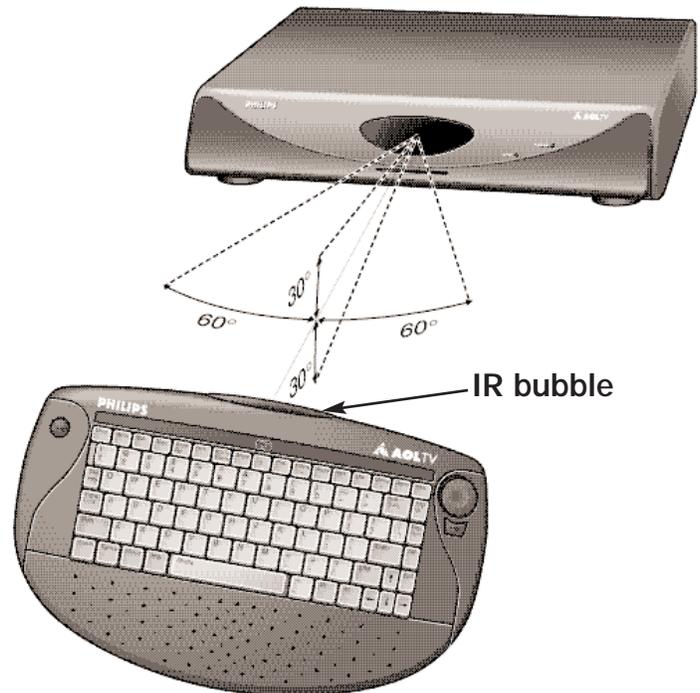
## USING THE WIRELESS KEYBOARD AND THE REMOTE CONTROL

A wireless keyboard and remote control are included with your Set Top Box. The keyboard can perform many of the same functions as the remote control, including switching channels and adjusting the volume. You also can use it for other tasks such as composing e-mail, visiting Web pages, and shopping online.

Just like a remote control, you must point your keyboard at the Set Top Box. The signal goes in a straight, uninterrupted line from the dark plastic IR bubble in the top of the keyboard to the dark plastic window on the front of the Set Top Box.

For a number of tasks, you can use either the remote control or the keyboard. See pages 18-19 for descriptions of individual remote control and keyboard functions.

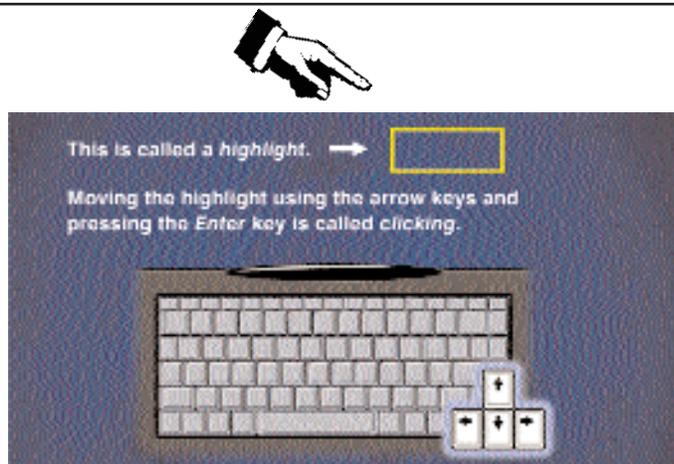
**NOTE:** If you point the remote or the keyboard at the Set Top Box and nothing happens, check the batteries. Make sure they are fresh and are installed according to the correct polarity (+/- indicators).



## USING THE HIGHLIGHT

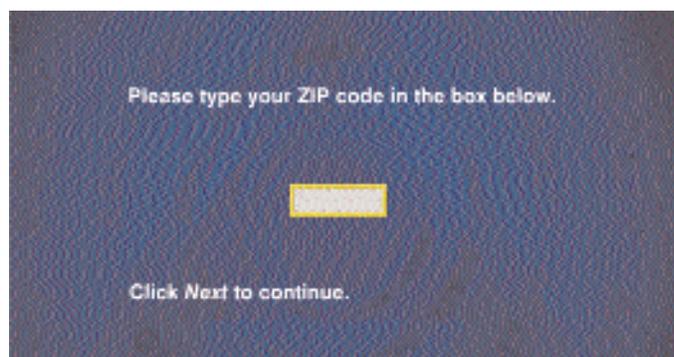
The highlight is a golden rectangle that outlines words or images on the screen. Move the highlight by pressing the ARROW buttons on the keyboard or remote control, then press ENTER on the keyboard or remote control.

When you press ENTER, the highlight changes color and a sound plays, meaning your request has been received.



## TYPING ON THE AOLTV SERVICE

Typing on the AOLTV service is very much like typing on a typewriter. First, use the ARROW buttons to select the box where you want to type. A vertical line in the box tells you it's time to start typing. To correct a mistake, press BACKSPACE to erase the letters you typed. Press once for each letter you want to erase. Then retype the information the way you want it. When it's correct, press ENTER.



## SETUP (CONT'D)

### SETUP

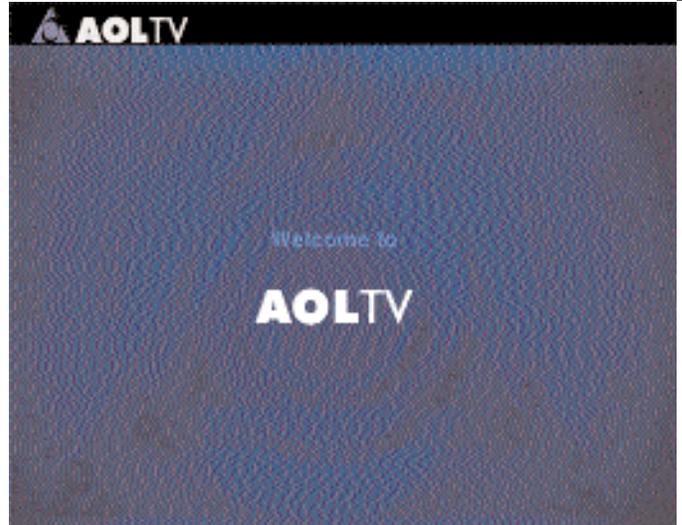
Now that your Set Top Box is connected, you are ready to set up your AOLTV service and sign on.

- First, press POWER on the keyboard to turn on the Set Top Box.
- Make sure all the other equipment, such as the TV, VCR, and Cable Box, is on.

#### IF YOU DON'T SEE THE AOLTV SCREEN:

- Make sure all the cables are attached firmly.
- Make sure all equipment is connected properly.
- If you used the red and white audio cables and the yellow video or S-Video cable to connect the Set Top Box to the TV or VCR, make sure the TV and/or VCR is set to the correct channel. If you used the yellow video cable, set the TV to the Audio/Video In channel (sometimes referred to as A/V IN or AUX IN). If you used the S-Video cable, set the TV to the S-Video In channel. Refer to your TV owner's manual for details.
- If you used the coaxial cable to connect the Set Top Box and the TV or VCR, set the TV to channel 3 or 4.
- Press SET TOP on the remote.

If you still don't see the AOLTV screen, call AOLTV Member Services at 1-800-810-4665.



### USING A SINGLE PHONE LINE

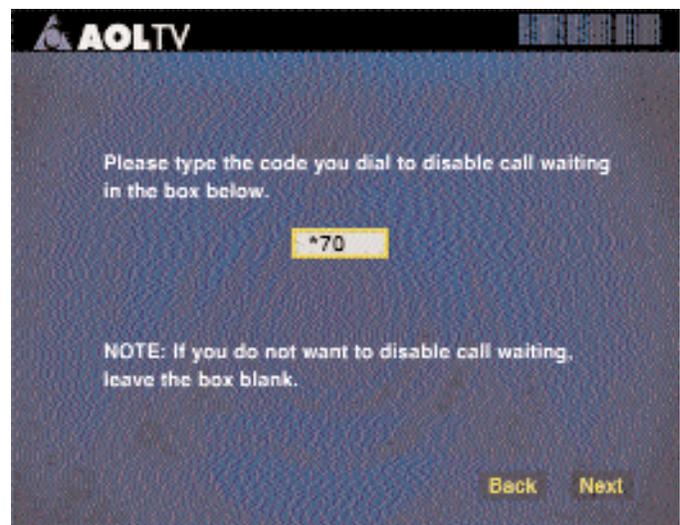
Connecting to the AOLTV service is also called "being online." If the phone line you use with your Set Top Box is the only phone you have, it will be busy while you are online unless you have call waiting. See *Call Waiting and AOL* below for further details.

- If you need to make an emergency call, just pick up the phone. In a few seconds, the Set Top Box will disconnect from the AOLTV service. Press the switchhook on your phone to get a dial tone.
- For non-emergencies, sign off the AOLTV service, and your phone line will be available.

### CALL WAITING AND AOL

Here are some further details about call waiting.

- If you have call waiting service turned on, your Set Top Box disconnects automatically when you get an incoming call. The person calling you hears a ring.
- If you don't have call waiting, or if you choose to turn it off while you are online, callers get a busy signal.
- If you turn off call waiting while you are online, it's automatically turned back on when you sign off.
- Different phone services might have different codes to turn off call waiting. Contact your phone company if you're not sure of your code. The code also may be listed in your local telephone directory.



## SETUP (CONT'D)

### CHOOSING ACCESS PHONE NUMBERS

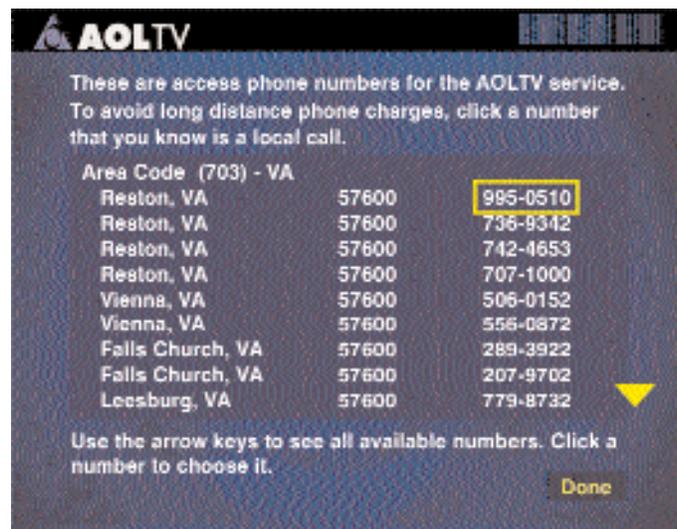
Access phone numbers are the numbers your Set Top Box dials to reach the AOLTV service. In many cases, there are several different numbers in your local area from which to choose. For some people, access phone numbers in more than one area code might be local calls. Also, depending on your location and calling plan, you may incur additional telephone charges, even when calling a local number. Please check with your phone company if you're unsure whether an access phone number is a local call.

#### What Speed Should You Choose?

Each access number is listed by the speed of the connection. The Set Top Box uses a built-in modem to connect at speeds up to 56 Kbps, so 56000 or any lower number works. Lower numbers indicate slower connections. For the best performance, we recommend you choose access phone numbers with the highest possible speed.

#### How Access Numbers Work

Each time you click an access phone number, it is added to a list. When you sign on, the Set Top Box dials the first number on this list. If it happens to be busy, the box will dial the next number. If you have several numbers on the list, you're likely to get connected sooner.



Once you have added all the numbers you like to your access phone number list, make sure the numbers are correct.

- If your area uses 10-digit dialing even for local calls, change your access phone number list accordingly.
- If you need to dial a 1 and then a number, you can do that, too.

### CREATING AN ACCOUNT

You have three choices when you create an AOLTV account. If prompted, use the registration number and registration code printed on the AOLTV Quick Start Installation Guide.

- If you already have an AOL account, you can add the AOLTV service to that account, and use the same screen names for both your AOL and AOLTV services.
- If you have an AOL Instant Messenger™ account, you can use that same screen name to create your AOLTV account.
- You can create a brand new account with the AOLTV service.

### BILLING

America Online offers its members a variety of options to pay their monthly charges. These options include credit card billing and direct debiting from checking. Once you have set up your account, you can view your current bill summary or change your billing method and information online at Keyword: Billing.

## SETUP (CONT'D)

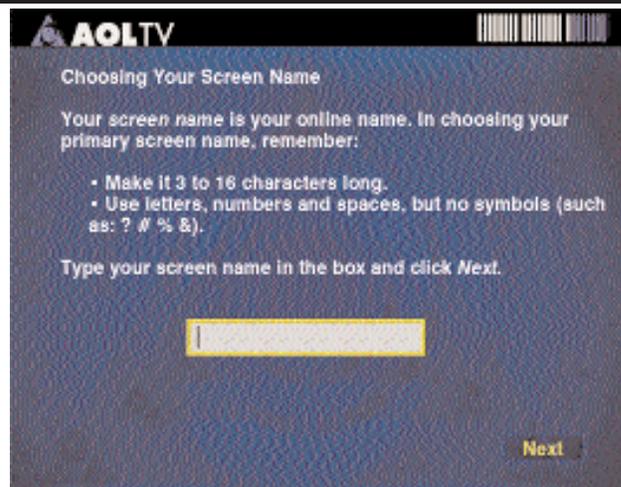
### CREATING A SCREEN NAME

Your screen name is the way people know you online. It can include your real name, be a nickname, or say something about your hobbies and interests. You can use numbers, letters, and spaces in your screen name, and it can be from 3 to 16 characters long.

Screen names are unique; you can't use the same screen name as another member. You can make your screen name unique by adding numbers and letters to a name or word. For example, use *SallyonTV* or *SallyonTV123* or alternate spellings such as *SalleonTV*. It's a good idea to jot down several alternatives in case your first choices are already in use. AOL will generate alternative suggestions if you can't think of any yourself.

Each AOLTV account can have up to seven different screen names — one primary screen name and up to six others. The primary screen name is permanent. You can't ever change it, so choose it carefully.

Each name has its own mailbox, password, and parental



controls. Right now, you just have to create the primary screen name — the one that gets billed for the account. You can create other screen names when it's convenient to do so. See *Additional Screen Names* below.

### ADDITIONAL SCREEN NAMES

You can have up to seven screen names on your account: the primary screen name and six others. We recommend you give each child his or her own screen name, separate from the primary account.

When you sign on to AOLTV, you choose which screen name you're going to use for the session. To switch from one screen name to another, you must sign off and sign on again using the new screen name.

Only the primary screen name can create new screen names and adjust Parental Controls settings.

- To create a new screen name, go to Keyword: Names and click *Create a New Name*.
- If you want to pick a different screen name, you can delete any screen name on your account except the primary screen name.
- If you want to reuse an old screen name, you can restore it if it was deleted within six months, and you still remember the password.

### CREATING A PASSWORD

AOLTV protects your privacy by requiring a password for your account. Anyone who knows your screen name and password can sign on and pretend to be you, so guard your password carefully. When you're creating a password, type the same thing twice so AOLTV can verify it. If you make an error typing, the passwords won't match and you'll need to retype them.

Make your password easy for you to remember, but not easy for others to guess. If you forget your password, call AOLTV Member Services. You can change your password whenever you want online at Keyword: Password.

Information about how to use Keywords appears online in Help.

**Remember, AOLTV staff will NEVER ask you for your password.**



## FEATURES

There are lots of features with your new AOLTV service. This chapter explains some of the most important functions so you can become an expert fast. You can also find information online at Keyword: Help. Or, click *Help & Setup* on the *Main* menu as explained in *Additional Help*, page 26.

### MAIN MENU

The *Main* menu appears when you click the AOLTV logo in the upper left corner of your screen or when you press MENU on the remote or keyboard. You don't have to be signed on to see the *Main* menu. If what you want to do requires signing on, clicking that choice directs you to sign on automatically.

From the *Main* menu, you can use the functions of the AOLTV service. E-mail, Buddy List, chat, pictures, and the World Wide Web are just a click or two away. Here are all the services you can use:

**Guide:** A complete program guide lists all of the programs you can view. *Details are on page 25.*

**AOLTV Channels:** Organizes TV-related information and interactive content into 11 broad categories including News, Networks, Sports, and Movies so you can find relevant, interesting stories faster.

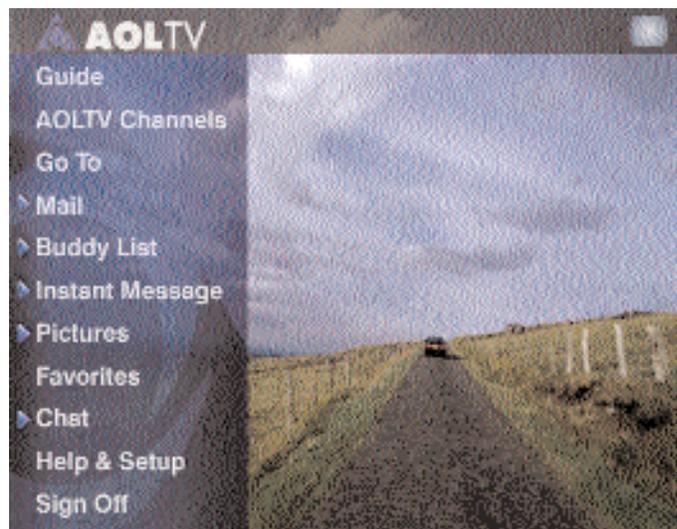
**Go To:** Type a keyword or Web page address and go straight to it, or search for a site you're interested in.

**Mail:** Write e-mail to your friends, and read messages they send you.

**Buddy List:** Shows you a list of friends who are currently online and allows you to send them Instant Messages as described below.

**Instant Message:** The Instant Message feature lets you have one-on-one, real time, private chats with other AOL members or non-AOL members using the AOL Instant Messenger™ service.

**Pictures:** View online pictures from the film you developed, or pictures friends or family have sent you. Film must be developed by a participating photo developer.



**Favorites:** Save favorite TV channels and Web sites and return to places you'd like to visit again.

**Chat:** Start or join a chat group online and talk in real time to other AOL members. When you're watching TV, you can automatically join a chat related to the program or topic you're watching. You can also participate in AOL's other chat rooms where members are discussing issues of interest to you. AOLTV chat rooms are generally not affiliated with TV programming.

**Help & Setup:** Learn how AOLTV service areas work and what AOLTV features can do for you. You can also change billing information, preferences, and Parental Control settings.

**Sign On/Sign Off:** Depending on whether you're currently online, you can sign on or sign off.

### USING KEYWORDS

A keyword is a word or phrase that identifies an area of the AOLTV service. Keywords make it possible for you to jump around quickly online, without having to remember exactly how you got to a certain area. Some useful keywords are noted in this User Manual, and more appear in online *Help & Setup*.

Using a keyword is simple. Press the Go button on the wireless keyboard. Then, type the word in the text box that appears and click Go. To look through a complete list of AOLTV keywords, go to Keyword: Keyword.

NOTE: Some keywords on the AOL service might not be available on the AOLTV service.

# FEATURES (CONT'D)

## THE AOLTV™ PROGRAM GUIDE

The AOLTV Program Guide offers complete TV listings and much more. It helps you make sense of the large number of channels and options on your TV. It can record a program with your VCR and remind you when a program is about to start.

The guide lists programs according to their time slot and channel. It also includes channel categories and a TV window, which allows you to preview the program you choose or watch a program while browsing the listings.

### Find Channels Quickly

AOLTV has renumbered your channels to provide consistency across the country and to help you find the channels you want. Now channels that show the same type of programs are grouped together, so you can surf from news show to news show or family show to family show.

### Channel Categories

Find programs by subject matter. If you're interested in news programs, click *News*. If you're interested in financial topics, click *Money*. A miniguide listing all the channels in the category appears.

### Scheduler

Scheduler lists programs you want to record with your VCR and programs about which you've chosen to be reminded. You can add new programs or change times or channels you are recording.

### AOLTV Link

Click between the guides and the grid for more information related to the channel category you chose, for example *AOLTV News* in the illustration at right.



### Times

Scan forward to the time period that interests you. Listings appear for up to the next three days.

### Channel Call Letters

Click the call letters of a channel, and the program currently showing on that channel appears full-screen.

### Program Listings

Click a program listing, and the program currently showing on that channel appears in the TV window. In addition, you see the description of the program you picked, along with options for recording or reminders. If you want to watch TV, click *Tune*; if you want to go back to the guide, click *Done*.

## YOUR TELEVISION PICTURE

You're never more than a click away from full-screen TV. The AOLTV service keeps your TV program on the screen in most cases, and it lets you get back to your program fast, no matter what you're doing online.

### THE TV ICON

Located in the upper right corner of your screen whenever you are online, the TV icon lets you click back to full screen TV in an instant. Pressing the CLEAR button on the remote control or wireless keyboard also returns you to full-screen TV in an instant.

### THE TV WINDOW

The TV window lets you see what's on TV even if you're checking the Guide, composing mail, or chatting with friends.



## FEATURES (CONT'D)

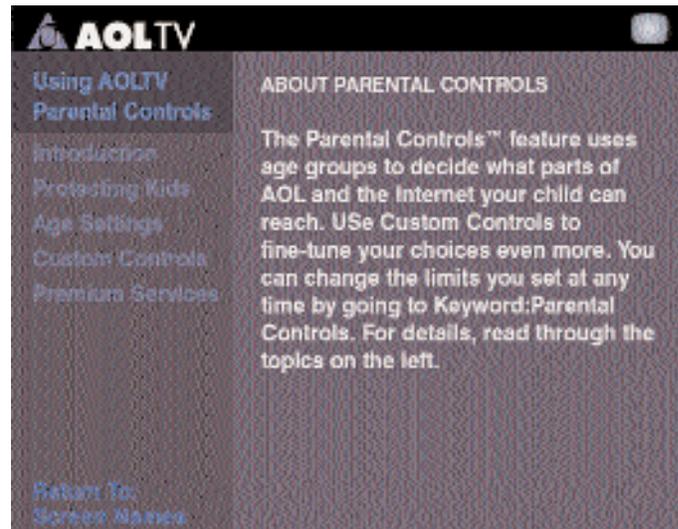
### PARENTAL CONTROLS

Parental Controls settings work according to age groupings. You determine what age group is most appropriate for each screen name on your account. We recommend that each child have his or her own screen name. Parental Controls settings can be changed as your child's needs change. To change Parental Controls settings, you must sign on with your primary screen name.

Parental Controls settings cover:

- What kinds of e-mail your child can receive and with whom he or she can correspond.
- With whom your child exchanges Instant Message notes.
- What areas your child can visit on the AOLTV service and the Web.

For more information about Parental Controls, go to Keyword: Parental Controls.



### AOLTV COMMUNITY GUIDELINES

Like any city, we take pride in, and are protective of, our community. The Community Guidelines at Keyword: TOS tell you what you can expect from AOL, as well as the kind of online behavior we expect of you.

### ADDITIONAL HELP

When you're online, you can always find information about AOLTV features and functions by pressing MENU on the remote control or wireless keyboard. This takes you to the *Main* menu, where you can select *Help & Setup*.

Topics are arranged in an outline format, with major subjects like Starting Out, Member Services, and Parental Controls. Under each major subject is a list of subheadings and articles that tell you what you need to know.

*Help & Setup* lets you change preferences and customize your AOLTV service. Most settings can be updated

whenever you want.

When you're offline, pressing MENU on the remote control or wireless keyboard, then selecting *Help & Setup* on the *Main* menu, takes you to information about how to get online and how to solve problems. Offline *Help & Setup* articles explain the remote control and wireless keyboard in case you misplace the User Manual.

If you can't get online at all, call AOLTV Member Services at 1-800-810-4665.

### FEATURE HIGHLIGHTS

#### GENERAL

**Go to full-screen TV.**

- On the keyboard or remote, press CLEAR.

**Change preferences.**

- On the keyboard or remote, press MENU. Then select *Help & Setup*, then select Preferences.

**Add a new screen name.**

- On the keyboard or remote, press MENU. Next, select *Help & Setup*, then select Names & Passwords. Finally, select Create New Name.

**Get on-screen help.**

- On the keyboard or remote, press MENU. Then select *Help & Setup*.

## FEATURES (CONT'D)

### TV FEATURES

To turn on or off the Set Top Box:

- On the remote, press SET TOP, then press POWER.
- On the keyboard, press POWER.

Change the TV volume:

- On the remote, press SET TOP, then press VOL(ume) +/-.
- On the keyboard, press VOLUME.

Turn on or off the TV mute:

- On the remote, press SET TOP, then press MUTE.
- On the remote, press MUTE.

Sign on or off:

- On the remote, press SET TOP, then press MENU, then select *Sign On* or *Sign Off*.
- On the keyboard, press MENU, then select *Sign On* or *Sign Off*.

### AOLTV FEATURES

Send an e-mail message:

- On the keyboard, press WRITE.

View the messages in your online mailbox:

- On the keyboard, press MAIL.

Send an Instant Message note:

- On the keyboard, press CONTROL and I at the same time.

Look at your Buddy List:

- On the keyboard, press BUDDY LIST.

Look at pictures you've had developed or that friends have sent to you using the You've Got Pictures™ service.

- On the keyboard, press PICTURES.

Get a stock quote:

- On the keyboard, press CONTROL and K at the same time. Then, type the word "quote" in the text box and select GO.

Print information or a picture from your screen:

- On the keyboard, press PRINT. You must have your printer connected and set up. *Details are on page 17.*

### INTERNET

Go to a Web page.

- On the keyboard, press GO. Then, type the address of the Web page in the text box and select GO.

Go to a favorite TV channel or Web page.

- On the keyboard, press FAVORITES. Then select the favorite you want.

Add the TV channel or Web page you're currently visiting to your Favorites list.

- On the keyboard, press CONTROL and + at the same time.

Use an AOL keyword.

- On the keyboard, press CONTROL and K at the same time. Then, type the keyword in the box and select GO.

Move the highlight around the screen.

- On the keyboard, press HOP/TAB.
- On the remote, press SET TOP, then press HOP.

Move the highlight from link to link.

- On the keyboard or the remote, press the arrow buttons.

## FEATURES (CONT'D)

### SETTING UP THE UNIVERSAL REMOTE CONTROL

The Set Top Box remote control can replace as many as four different remote controls. It may operate some functions of your TV, VCR, Cable Box, or amplifier/receiver.

With batteries in the Set Top Box remote control, follow the steps below to make the remote control your other equipment. You will follow the steps for each piece of equipment.

If your brand is not listed on pages 29-31, or if the remote won't operate the equipment after you finish steps 1-3, continue to use the remote control originally provided for your TV, VCR, Cable Box or amplifier/receiver.

**1** Simultaneously press the SET button and the device button of the device you want to control (TV, VCR, CABLE, or SAT/AUX). Release both buttons.

**2** Press the Number buttons to enter the three-digit code for your brand of equipment. Refer to the Code Lists on pages 29-31.

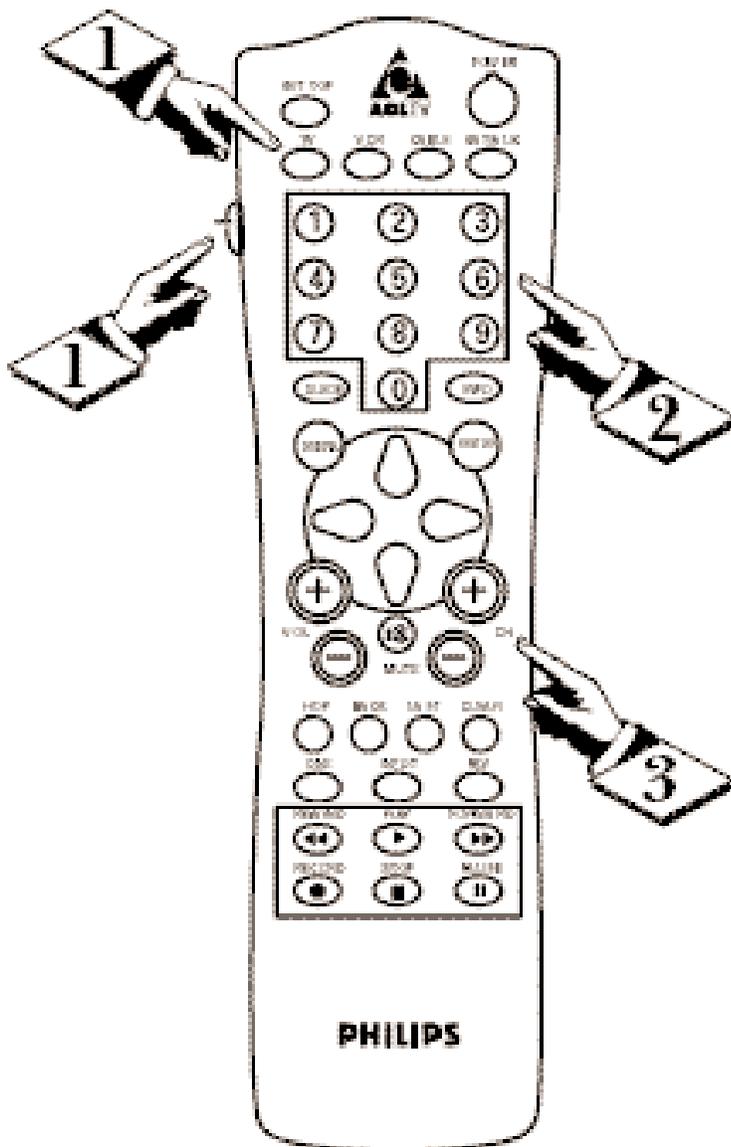
**3** With your equipment turned on, test the remote control by pressing the Channel + button to switch your device to the next higher channel. When the Channel +/- buttons on the remote change the channels, your remote is programmed correctly.

### SMART HELP



If there is more than one code for your brand, try each code until you find one that works.

Remember to press the TV, VCR, CABLE, or SAT/AUX button before using the remote to control the TV, VCR, Cable Box, or amplifier/receiver.



# FEATURES (CONT'D)

Refer to these lists when setting the Set Top Box remote control to work other equipment.

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Akai . . . . .	63, 91, 117	
Alba . . . . .	033	
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A-Mark . . . . .	029	
Amstrad . . . . .	090	
Amtron . . . . .	145	
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Anam National .145, 248,		
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Archer . . . . .	029	
Audiovox . . . . .	029, 145,	
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Belcor . . . . .	118	
Bell & Howell .116, 183,		
. . . . .	230	
Bradford . . . . .	145	
Brockwood . . . . .	014, 118	
<b>C</b>		
Candle . . . . .	014, 095, 097,	
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Capehart . . . . .	014	
Celebrity . . . . .	117	
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Daytron . . . . .	014, 118, 120	
Dimensia . . . . .	115	
Dixi . . . . .	029, 052, 091	
Dumont . . . . .	014, 118, 225	
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Electroband . . . . .	117, 003,	
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Emerson . . . . .	001, 012, 014,	
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Envision . . . . .	108, 118, 120	
Etron . . . . .	091	
<b>F</b>		
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Fortress . . . . .	039	
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Goldstar . . . . .	014, 052, 078,	
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Jensen . . . . .	070, 118, 120	
JVC . . . . .	066, 067, 068, 069,	
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Loewe . . . . .	165	
Logik . . . . .	183, 266	
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LXI . . . . .	025, 030, 047,	
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. . . . .	120, 153, 165, 173,	
. . . . .	174, 175, 230, 239	
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Montgomery Wards .037,		
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Magnavox . . . . .	004, 036, 052,	
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Marantz . . . . .	052, 064, 108,	
. . . . .	118, 120, 165, 179	
Matsui . . . . .	091	
Megatron . . . . .	014, 120, 162	
Memorex . . . . .	014, 050, 091,	
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MGA .014, 062, 108, 109,		
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Mitsubishi . . . . .	007, 014, 027,	
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NEC . . . . .	023, 097, 100, 107,	
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Nikkai . . . . .	033, 034	
Nikko . . . . .	014, 120, 126	
Normandy . . . . .	000	
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Orion . . . . .	015, 142, 260	
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<b>P</b>		
Panasonic . . . . .	006, 011, 013,	
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Philco . . . . .	036, 095, 108,	
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. . . . .	123, 128, 165, 170, 171,	
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Philips . . . . .	004, 036, 052,	
. . . . .	064, 095, 099,	
. . . . .	108, 118, 120,	
. . . . .	121, 123, 128, 165,	
. . . . .	170, 171, 176, 177,	
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. . . . .	241, 242, 267, 269	
Philips Magnavox . . .004,		
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Pioneer . . . . .	059, 077, 112,	
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Proton . . . . .	014, 026,	
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RCA . . . . .	.016, 017, 025, 053, .054, 055, 056, 057, 058, .077, 102, 109, 111, 115, .118, 119, 120, 128, 193, .194, 195, 196, 197, 239, .245, 247, 256, 257, 269	
Realistic . . . . .	.050, 118, 120, .123, 145, 153, 192, 230	
Runco . . . . .	.225	
<b>S</b>		
Saisho . . . . .	.090, 091	
Sampo . . . . .	.108, 118, 120	
Samsung . . . . .	.000, 008, 014, .034, 052, 091, 094, 097, .101, 108, 109, 118, 119, .120, 123, 125, 127, 128, .129, 198, 199, 255, 258	
Sansui . . . . .	.260	
Sanyo . . . . .	.049, 050, 051, .082, 118, 153, 154, .180, 200, 230, 238	
SBR . . . . .	.052	
Schneider . . . . .	.052	
Scotch . . . . .	.120	
Scott . . . . .	.083, 087, 089, .094, 118, 120, 123, .132, 142, 145, 151	
Sears . . . . .	.009, 014, 030, .040, 041, 042, 043, 044, .045, 046, 047, 048, 050, .051, 082, 089, 097, 111, .118, 120, 124, 128, 129, .151, 153, 154, 155, 169, .173, 174, 201, 202, 230, .238, 239, 246	
Scimitsu . . . . .	.014	
Sharp . . . . .	.021, 022, 037, 038, .039, 049, 094, 118, 120, .123, 137, 192, 203, 204, .205, 206, 210, 234	
Shogun . . . . .	.118	
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Sony . . . . .	.114, 117, 259, 268	
Soundesign . . . . .	.014, 083, .095, 118, 120, .121, 145, 151	
Spectricon . . . . .	.029, 099	
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Sylvania . . . . .	.035, 036, 064, .095, 108, 118, 120, 121, .128, 165, 170, 171, 176, .177, 178, 184, 188, 207, .241, 242, 267	
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<b>Z</b>		
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Akai . . . . .	.075, 076, 077, 136, .137, 138, 139, 140, .141, 155, 156, 157	
Alba . . . . .	.115	
Amstrad . . . . .	.021	
ASA . . . . .	.101	
Asha . . . . .	.160	
Audio Dynamics . . . . .	.012, 158	
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Capehart . . . . .	.074, 115, .116, 164	
Carver . . . . .	.036	
CCE . . . . .	.035, 169	
Citizen . . . . .	.017, 018, 160, .161, 162, 163, 169	
Colt . . . . .	.035	
Craig . . . . .	.005, 018, 035, .160, 161, 165	
Curtis Mathes . . . . .	.008, 017, .078, 108, 153, .163, 166, 160	
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Emerson . . . . .	.004, 019, 021, .023, 024, 038, .077, 079, 084, 142, 143, .144, 145, 146, 147, 159, .161, 162, 166, 167, 168, .171, 172, 173, 174, 175, .176, 177, 178, 179, 180	
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### AMPLIFIER/RECEIVER CODES

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# GLOSSARY

## A

**AC** • Alternating current. The standard 110-volt electrical current found in most U.S. homes.

**Address** • See E-mail address, URL.

**AOLTV™ Program Guide** • When you press GUIDE on the remote control or wireless keyboard, you'll see a list of TV programs broadcast on each channel, as well as a link to the AOLTV channels. You can sort the listings by start time and category, and you can click a program title for more information about the show. Two guide styles give you the information you want: The one-line guide shows information about the program you are currently watching, and miniguides list all the channels within a particular content category.

**Automatic TV Setup** • A procedure that programs the Set Top Box to skip TV channels that broadcast only static in your area. Channels are set up during registration. You can set up channels anytime by clicking *Help & Setup* from the *Main* menu, clicking *Setup*, then following the steps under *Cable*.

## B

**Browser** • A program that enables you to navigate online. A browser is built into the Set Top Box.

**Browsing** • Scanning through pages on the AOLTV service or the Web or through channels on the TV. On the pages, clicking links usually takes you to related sites. Also called surfing.

## C

**Coaxial cable** • A kind of a cable that carries TV signals. A coaxial connector has one thin central pin. Also called RF coaxial cable.

**Click** • AOLTV shorthand for selecting an item on the screen by moving the highlight to it, then pressing ENTER on the remote control or wireless keyboard.

**Client** • A computer or device that asks other computers (called hosts) for data or services. For example, your Set Top Box is a client when it connects to the AOLTV host computers.

**Composite video** • A type of video signal used by TVs in the United States. Composite video provides picture quality better than RF, but not as good as S-Video. Composite video connections are colored golden.

## D

**Domain** • In e-mail addresses, the domain is the suffix that shows how the host computer is classified. Common suffixes are .com for company, .gov for government, .edu for educational institution, .mil for military, .net for network provider, and .org for nonprofit organization. Some domain names also show the country where the host is located (for example, .ca for Canada, .jp for Japan). The domain name starts with a period (pronounced dot).

## E

**E-mail** • Electronic mail, or e-mail, is like postal mail, except messages are sent electronically and read on a computer, pager, cell phone, or TV. You receive e-mail at your own address and send e-mail to others at their addresses.

**E-mail address** • The text that specifies where an e-mail message is sent. A typical e-mail address looks like this: hike-withme@aol.com. The name in front of the @ symbol (pronounced at) is the recipient of the mail (usually a person, but it can also be a group or company). The information after the @

symbol identifies the computer (the host) that receives the e-mail. Host names have two parts: a name and a suffix indicating the host's domain.

**Encryption** • A way of coding information that travels over the Internet so that only authorized people can access the information. For example, during the AOLTV registration process, all the information you provide is encrypted.

## F

**Favorites** • Any TV channel, AOLTV area, or Web site you have marked (on the keyboard, press Control and + simultaneously) and added to your Favorites lists. The Favorites buttons on the wireless keyboard and remote control let you easily visit your favorites in just a few clicks. To view your favorites, press Favorites on the keyboard.

## G

**Go** • Press the GO button on the wireless keyboard to display a text box where you can type a Web address, for example, www.aol.com, a keyword or a search term. Also lets you save Favorites, view Favorites, view History, and print.

**Guide** • See AOLTV Program Guide.

## H

**Highlight** • A golden box around a selectable item on the screen. To select an item, you move the highlight (using the arrow buttons on the remote or keyboard) and press ENTER.

**History** • A feature that enables you to return easily to a page in the AOLTV service or on the Web that you visited recently. When you press History on the keyboard, you'll see miniature images of the pages you visited recently during your current session online. You can click one of the images to return to that Web site. Unlike Favorites, the History list is not preserved when you sign off.

**Home Page** • The starting point for your Web travels. Your home page is www.aol.com.

**Host** • A computer that handles requests for data and services from other computers (called clients). Also called a server.

**Hypertext** • Text that you click to link to another page. Hypertext is usually displayed in a different color to make it stand out from regular text. Also called a hyperlink or just link.

## I

**Infrared (IR)** • Technology that lets devices communicate with each other using infrared beams instead of connecting wires. TV remotes use IR, as does the wireless keyboard. For IR devices to work properly, the line of sight between them and the equipment must be free of obstructions.

**Internet** • A worldwide network of networks—many thousands of computers that can communicate with one another. The Web is a part of the Internet. Many people use the terms Web and Internet interchangeably.

**IR** • See infrared.

**IR blaster** • A device for controlling equipment (such as a cable box or VCR) connected to your Set Top Box.

**ISP** • Internet service provider.

## L

**Link** • Text or a picture on a page in the AOLTV service or on the Web that you can click to get more information. When you

## GLOSSARY (CONT'D)

click a link, you see information relevant to that link. Most links take you to another page in the AOLTV service or on the Web. Also called a hyperlink or hypertext.

**Lock symbol** • If you see a symbol of a lock on the Go bar, the page you're viewing has been encrypted or is secure. Any data on the page—data sent to you or entered by you—can be viewed only by authorized people.

### M

**Mailbox** • The place on the AOLTV service where you receive and read e-mail messages.

**Main menu** • Provides access to all AOLTV features. You can display or remove the *Main* menu by pressing MENU on the remote control or wireless keyboard.

**Miniguide** • See AOLTV™ Program Guide.

**Modem** • A device that enables other devices (such as computers, Set Top Boxes, and handheld organizers) to communicate with one another over telephone lines. The word modem comes from the term modulator/demodulator.

### N

**Network** • Two or more computers or other devices connected to one another so that they can exchange information.

### O

**Offline** • The status of being not connected to the AOLTV service. You can change preferences and dialing options when you are offline. You can also use the AOLTV Program Guide at any time, offline or online.

**One-line guide** • See AOLTV Program Guide.

**Online** • The state of being connected to the AOLTV service or the Internet. Information located on a computer accessible through the AOLTV service or the Internet is also said to be online.

**Owner** • The person who registers the Set Top Box. The owner has the primary screen name, and is the only person who can make certain changes to the system, such as adding or removing screen names.

### P

**Page** • The standard unit for displaying information on the AOLTV service and the World Wide Web. A page can be one screen, or it can be many screens that you can view by pressing Page Up or Page Down on the wireless keyboard. See also site.

**Parental Control™ settings** • A feature that enables you to restrict access to online content that may contain material inappropriate for children or sensitive viewers.

**PPP** • Point-to-point protocol. A protocol is a set of rules used to transmit data over telephone lines. This type of connection enables devices to communicate with other devices that use TCP/IP connections.

**Protocol** • A set of rules or standards that electronic devices use to communicate with one another.

### R

**Registration** • The process of setting up an account on the AOLTV service so you can use your Set Top Box to access the AOLTV service and the Web, to exchange e-mail, etc.

**RF** • Radio frequency. Method used to send TV signals from an antenna or cable to the TV. An RF cable is also known as a coaxial cable.

**RF modulator** • An adaptor that enables a TV without a coaxial cable jack to receive audio and video signals from another device.

### S

**Screen name** • The name you use online to identify yourself. Your screen name is also your e-mail address on the AOLTV service.

**Scroll** • A method of moving around a page or text box when the contents are too big to fit the screen or box. When you scroll, part of the page becomes visible on the screen, while another part moves offscreen. To scroll, you click an arrow pointing down (to see more at the bottom) or up (to see more at the top), or press the Page Up and Page Down buttons on the keyboard.

**Search** • A feature that lets you look for specific terms on the AOLTV service and on the Web. You can type words in a text box and then click Search. You'll see a list of pages containing the words you typed.

**Service provider** • Just as a telephone company provides phone service, a service provider supplies Internet service. Also called ISP, for Internet Service Provider, and dial-up service.

**Site** • A place on the AOLTV service or the World Wide Web that has its own address. Also called a Web site. One Web site can contain many Web pages.

**S-Video** • A type of video signal used by TVs in the U.S. One of the options for connecting the Set Top Box to your TV, S-Video provides the highest-quality video signal.

**Surfing** • Scanning through pages on the AOLTV service or the Web or scanning through channels on the TV. On pages, clicking links usually takes you to related sites. Also called browsing.

### T

**TCP/IP** • Transmission Control Protocol/Internet Protocol. A set of rules that electronic devices use to communicate with one another. All the computers and other devices on the Internet use TCP/IP.

**Text box** • Certain areas on the screen where you can type text. For example, during registration, you type your name and address in a text box.

**Tuner** • A device that receives TV signals and determines which TV channel is displayed. Most TVs and VCRs have tuners in them. The Set Top Box also has a tuner.

### U

**URL** • Uniform Resource Locator—the address for a Web site. Each Web page and AOLTV service page has its own unique URL. A typical URL looks something like this:

<http://www.aol.com>.

When typing in an URL, it's important to enter it exactly, or the browser might not be able to find it. See also domain.

### W

**Web** • The World Wide Web, or simply the Web, is a part of the Internet that supports graphics, hypertext, sound, and animation. Pages in the AOLTV service are Web pages.

**World Wide Web** • See Web.

**Web site** • See site and page.

# TROUBLESHOOTING

- Arrow keys don't work.**
- Make sure no objects are between the remote control or wireless keyboard and the Set Top Box.
  - Check the batteries in the remote control or wireless keyboard.
  - See "Screen is frozen."
- Unable to type text in a text box.**
- Use the arrow buttons to move the highlight to the text box. *Details are on page 20.*
  - Activate the text box by pressing ENTER on the wireless keyboard or remote control.
- TV shows only static or snow on some channels.**
- Set up your local channels by following these steps. 1) On the wireless keyboard or remote control, press MENU. 2) Click *Help & Setup*. 3) Click *Setup*. 4) Click *Cable* and follow the on-screen instructions.
- TV shows only static or snow on every channel.**
- Make sure connections are correct.
  - Set the TV to the proper channel. If you are using S-Video cable, select S-Video In. If you are using the red and white audio cable and the yellow video cable, select A/V In or Aux In. If you are using coaxial cable, select channel 3 or 4. For more information, refer to your TV owner's manual.
  - Set up local channels as described in "TV shows only static or snow on some channels."
- TV shows picture on only one channel.**
- Make sure your VCR and/or Cable Box are set to the output channel (3 or 4) of the Cable Box.
- No picture**
- Make sure all power cords of all equipment are connected.
  - Try pressing the INPUT button on the remote control.
  - Set the TV to the proper channel. If you are using S-Video cable, select S-Video In. If you are using the red and white audio cable and the yellow video cable, select A/V In or Aux In. If you are using coaxial cable, select channel 3 or 4. For more information, refer to your TV owner's manual.
  - Make sure the yellow video cable or S-video cable is connected securely. You do not need both. *Details are on pages 13-14.*
- A message says you need to update your software.**
- Click *Update Now*. New software is available and can be installed on your Set Top Box automatically. The update can take up to 15 minutes. You may choose to update the next time you sign on by clicking *Update Later*.
- Your printer is connected to the Set Top Box but does not work.**
- Make sure the printer is compatible with the Set Top Box by following these steps. 1) On the wireless keyboard or remote control, press MENU. 2) Click *Help & Setup*. 3) Click *Setup*. 4) Click *Printer*, then follow the on-screen instructions.
- No sound or volume too high**
- Make sure Mute isn't activated.
  - Set the TV volume to medium loudness, then adjust the volume with the remote control.
- Cannot type text on the screen**
- Make sure no objects are between the wireless keyboard and Set Top Box.
  - Check the batteries in the wireless keyboard. *Details are on page 9.*
  - See "Screen is frozen."
- Modem dials, but the Set Top Box doesn't connect to the AOLTV Service.**
- Make sure you've typed a dialing prefix if you need one to get an outside line. 1) On the wireless keyboard or remote control, press MENU. 2) Click *Help & Setup*. 3) Click *Setup*. 4) Click *Dialing*, then follow the on-screen instructions.
- A message says "Unable to connect" or "Can't connect to service provider."**
- The AOLTV host computer may be experiencing difficulties. Try to connect again later.
- Screen is frozen or completely black, or Power button doesn't work.**
- Press the RESET button on the back of the Set Top Box.
  - Press and hold POWER for three seconds. Then, press POWER again.
  - Make sure both the TV and the VCR are set to the correct channel.

# SPECIFICATIONS

## Miscellaneous

Product Dimensions (w x h x d)  
15" x 2.75" x 10.5"

Product Weight  
6.98 lbs.

Carton Dimension (w x h x d)  
17.5" x 7.75" x 13"

Carton Weight  
8.5 lbs. (estimated)

Power requirement  
117V (85-140)/60Hz

Power consumption  
30W

Operating temperature  
50° - 95° Fahrenheit  
FCC 15 Class B  
FCC 68 regulations  
UL 1492/UL 1459

Viewing Card interface  
ISO7816

## Modem

- V-90 bis Modem with V42 error correction
- Transfer speed 56K bps

## Tuning

- VHF - Channels 2-13
- UHF - Channels 14-69
- Cable - Channels 1-125

## Connections (back panel)

- One Stereo Right and Left Out
- One Stereo Right and Left In
- One Video In
- One Video Out
- One S-Video Out
- One RF Out (remodulator), F-type female
- One RF In, F-type female
- One USB port, 5V dc max 0.5A Class 2

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# LIMITED WARRANTY

## ONE YEAR EXCHANGE WARRANTY FOR AOLTV SET TOP BOX BY PHILIPS

### WHAT IS COVERED?

Warranty coverage begins the day you purchase your product. For one year from the date of purchase, Philips will exchange the Set Top Box with a new, repaired, renewed, or comparable product (whichever is deemed necessary) if it becomes defective or inoperative. There will be no charge for the repair or exchange, but you will be responsible for costs associated with shipping the product to a designated Philips exchange center.

Do not send accessories with the unit; accessories will not be replaced if sent.

All products, including replacement products, are covered only for the balance of the original warranty period. When the warranty on the original product expires, the warranty on the repaired/replaced product also expires.

After one year from the date of purchase, Philips has the option of either repairing the unit (for which you will pay for the replacement of all parts and labor charges) or exchanging the unit with one of equal or greater specifications (at a specified replacement charge to you).

### WHAT IS EXCLUDED?

Your warranty does not cover:

- Labor charges for installation or setup of the product.
- Installation, performance of, or repair of audio/video cabling, telephone line, or accessory attachments used in the accessory ports of the product.
- Product damage due to misuse, accident, lightning damage, unauthorized repair, or other causes not within the control of Philips.
- Incidental or consequential damages resulting from the product (some state laws do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you).
- Reception transmission problems caused by signal conditions, telephone line, or cable or antenna systems outside the unit.
- A product that has been modified or adapted to enable it to operate in any country other than the country for which it was designed, manufactured, approved, and/or authorized, or repair of products damaged by these modifications.
- Product used for commercial or institutional purposes.

Philips makes no warranty that the access connection will be a local (not long distance) call or that international dialing connection(s) will not be required for use of the product outside the United States.

AOLTV service is separate and distinct from this product (hardware) warranty.

### MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this user manual and keep both nearby. Also keep the original box and packing material in case you need to return your product. If warranty service is needed, do not return accessories with the unit.

### BEFORE REQUESTING SERVICE...

Please check the user manual before requesting service. Adjustments of controls may save you a service call.

### TO GET WARRANTY SERVICE...

Philips will provide warranty service. If you believe you need service for your Set Top Box, contact AOLTV Member Services at 1-800-810-4665. A representative will go through a diagnostic checklist with you to determine if the unit needs to be exchanged. If needed, the representative will give you a return authorization number and complete shipping details. You are responsible for the cost of returning the unit to us, and we are responsible for returning the unit to you.

### TO GET OUT OF WARRANTY SERVICE...

Out-of-warranty service can be obtained at a nominal cost for replacement and handling. To determine whether your service needs are in or out of warranty, contact AOLTV Member Services at 1-800-810-4665.

### REMEMBER...

Record below the model and serial numbers found on the product. Also, fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary. (The return of the warranty card is not a condition for warranty coverage.)

Model #: \_\_\_\_\_

Serial #: \_\_\_\_\_

All implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to this express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

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