



IconRemote™



Owner's Manual

Model IR32A





SAFETY CONSIDERATIONS

Remember to exercise good common sense when using the Home Automation features of your remote - especially when scheduling unattended devices. There can be some unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result.

DO NOT USE the remote for the control of high power heating appliances such as portable heaters.

Caution: To reduce the risk of electric shock, do not disassemble any part of the Home Automation System's plug-in Modules or Controllers. No user serviceable parts are inside. If you spill liquid on a unit, disconnect the unit from the AC outlet to prevent possible fire or shock hazard and consult authorized service personnel. Powerline operated equipment or accessories connected to any of these units should bear the UL listing or CSA certification mark and should not have been modified in any way that might defeat their safety features.

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



FCC Cautions

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

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

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

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

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



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Introduction

Congratulations on your purchase of the IR32A IconRemote. The IR32A IconRemote has the capability to combine many types of remotes into a single remote. This remote has many unique features, all available through the high quality color screen and the configurable menus. The screen displays icons that are easy to set up to represent your favorite channels. You can then select any channel by simply pressing the key next to the icon that represents the channel.

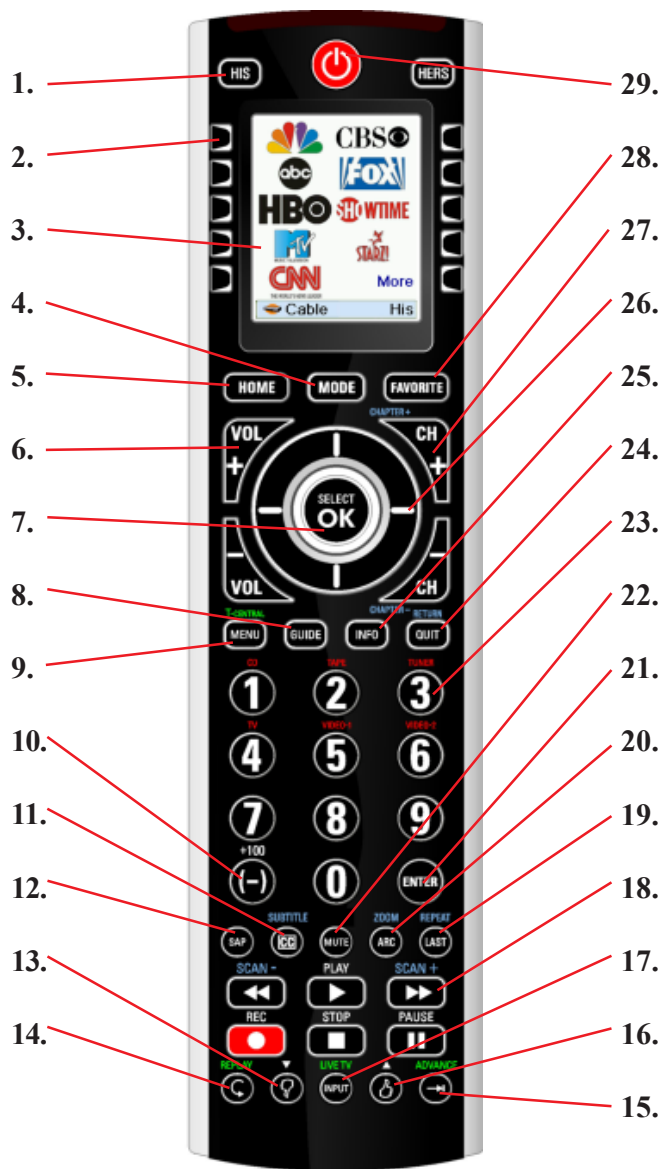
The IR32A IconRemote can also control X10 RF devices, which allows you to control different electrical devices located in various physical locations around the house. This remote is capable of many other features that are also described in this manual.

This remote control operates the common features of most but not all models and brands of Infrared (IR) Controlled devices. This remote may provide functions that are not available on your device. Some functions of your particular device (e.g., menu functions) may not be controlled by this remote. In such cases, you can learn the commands from your original remote. Please use this manual to become familiar with your IconRemote. After you are familiar with this owner's manual, the first thing you need to do is to install batteries and setup your remote following the on-screen instructions.

Thank you for buying this remote and we hope it will give you many years of service.

All trademarks or registered trademarks used in this product are trademarks or registered trademarks of their respective owners.

Hard Key Functions



Note: Blue text on the remote corresponds to DVD functions, green text are TiVo functions, and red text is for audio functions.

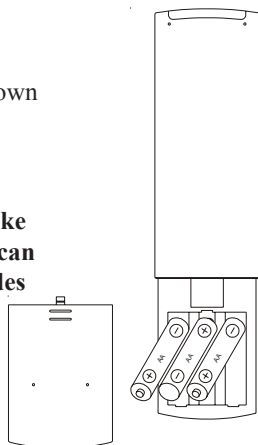
Hard Key Functions, cont.

1. **HIS/HERS** - Quick access keys for favorites stored under His/Hers groups.
2. **SIDE KEYS** - Used to access on-screen features.
3. **LCD - (Liquid Crystal Display).**
4. **MODE** - Selects mode (TV, VCR, etc.) for the remote.
5. **HOME** - The starting screen on the LCD for most operations.
6. **VOLUME UP/DOWN** - Changes the volume level of the device, normally the TV.
7. **OK/SELECT** - Selects menu items for the device you are controlling, or confirms selections on the screen.
8. **GUIDE** - Displays on-screen program or channel guides.
9. **MENU** - Brings up the Menu screen - use with the **UP, DOWN, LEFT & RIGHT** navigation keys (26).
T-CENTRAL - The TiVo key for TiVo Central.
10. **+100** - Used for channels greater than 100.
(-) Used for digital channels, e.g., 2-3.
11. **CC (SUBTITLE)** - TV Closed Caption (if your TV has this feature) or DVD Subtitle toggle.
12. **SAP** - Selects Secondary Audio Program channel if available.
13. **THUMBS DOWN** - Sets your TiVo Thumbs ratings.
14. **REPLAY** - Replays the last 8 seconds of a program.
15. **ADVANCE** - Catches you up to the live broadcast.
16. **THUMBS UP** - sets your TiVo Thumbs ratings.
17. **INPUT** - Brings up the DVD Player's Setup Menu. Or acts as TV/VCR select. **LIVE TV** goes to Live TV broadcast.
18. **RECORD, PLAY, STOP, REW, FF, PAUSE** - Operates your VCR, DVR, or DVD Player. Also operates DVD Scan +/- . Note, the Record key needs pressed twice to operate.
19. **LAST** - Returns to the previously selected channel, or DVD repeat toggle. **REPEAT** performs DVD players "A-B Repeat" (or RPT A.B) function for repeat play of current Chapter or Track.
20. **ZOOM** - Zooms or enlarges a specific area of the screen.
ARC - Aspect Ratio Control selects viewing format for the displayed picture, e.g., Wide, Zoom, etc.
21. **ENTER** - Used after direct channel number entry (if required) to immediately change to the selected channel.
22. **MUTE** - Turns off the TV sound, while the picture remains.
23. **NUMBERS** - Enter numbers for direct channel selection. Functions in red are available in Audio Mode.
24. **QUIT/RETURN** - Exits On-Screen Menus/Returns to previous On-Screen selection.
25. **INFO** - Displays/selects on-screen channel information.
26. **UP, DOWN, LEFT & RIGHT** - Used to Navigate menus.
27. **CHANNEL UP/DOWN** - Changes the channels. **CHAPTER +/-** controls DVD/CD track selection, i.e., DVD/CD Track Skip Up/Down (in DVD and SAT modes).
28. **FAVORITE** - Used to access favorites groups on the LCD.
29. **POWER** - Turns device for remote's current Mode On or Off .

Setup

Battery Installation

- On the back of the remote, push down on the tab and lift the cover off.
- Match the batteries to the + and - marks inside the battery case, then insert 3 AA Alkaline batteries. **Make sure you use new batteries. You can have problems with learning codes if your batteries are old.**
- Press the battery cover back into place.



Battery Saver

Your remote automatically turns off if the keys are depressed for more than 30 seconds. This will save your batteries should your remote get stuck in a place where the keys remain depressed (e.g., between the sofa cushions). Also, the screen turns off a short time after no keys have been pressed for a while (or a short time after a key has been stuck for 30 seconds). The duration before the screen turns off can be adjusted from about 2 seconds to about 35 seconds from the Setup, Advanced, and Options menu (see page 42).

Permanent Memory

All the devices you set up, their codes, punchthrough settings, and all your favorites, etc., are stored in permanent memory while you are changing batteries so you will not lose any codes or settings stored in the remote while you are changing batteries.

After you insert the batteries you'll see a screen asking you to choose your language (English, Spanish, or French (Canadian)). Let's assume you choose English; proceed to page 9.

Using the Wizard

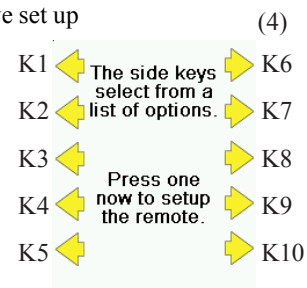
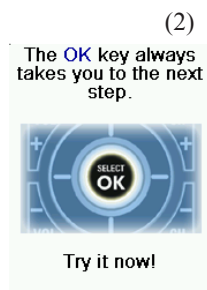
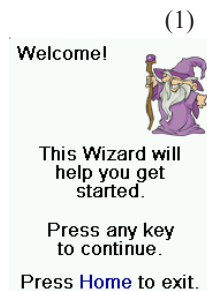
After you insert the batteries and choose "English" the Setup Wizard screen (1) appears. You can exit the Wizard at any time by pressing the **HOME** key (located just below the screen). Press any key at screen (1) to continue and follow the instructions on the screens.

Pressing OK at screen (2) takes you to the next screen (3). Pressing the Left navigation key (Back key) on the remote at screen (3) takes you to screen (4) that has 10 yellow arrows. This is an exception to the rule because we're teaching you how to use the remote. But pressing Back again at this point does take you "back."

Try pressing the Back key a few times to go back through the Wizard and then follow the instructions on the screens again to familiarize yourself with how to step through the screens and go back. You can go back and forth through the Wizard but once you've set up your devices and quit to save the settings, you won't see the Wizard again unless you do a Master Reset.

To do a Master Reset: Press the **HOME** key, then select Setup, then select Clear Settings, then select Master Clear. Note this will erase everything you have set up in the remote.

Pressing any of the 10 Side Keys (K1 thru K10) at screen (4) takes you to the screen where you set up your first device (TV). See next page.



Setting Up Your Devices

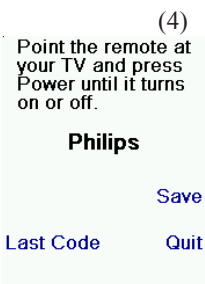
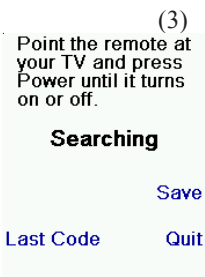
How to set up a TV

After you've been through the Wizard for the first time, the screen (1) shown to the right appears. This is the start of the Wizard to set up your devices (TV being the first one). Manually turn on the device(s) to be set up (TV, VCR, etc.).

If you know your brand of TV, select Yes, which results in a faster search for your TV's code. (Selecting No searches the complete library of TV codes, rather than just the codes for your brand of TV).

Pressing the Side Key next to Yes at screen (1) takes you to a screen (2) where the most common brands are shown next to the Side Keys. If your brand isn't shown you can press the Side Key adjacent to Next to show more brands, (shown alphabetically) or press the Side Key adjacent to Back to go back to the previous screen of brands. Note, on the very first screen of brands, the Side Key adjacent to Back takes you to the last screen of brands (so you can go back through the list instead of forward through it if you prefer). In this case we selected Philips.

Screen (3) tells you to point the remote directly at your TV and repeatedly press (but not hold) Power (or Chan Up/Down, or Play for VCRs etc.) until your device responds. Pressing Power sends the Power command to your TV and screen (4) shows that you've selected code 1 of xx (xx will vary by brand). Keep pressing Power until your TV responds and then press Save.



Setting Up Your Devices, cont.

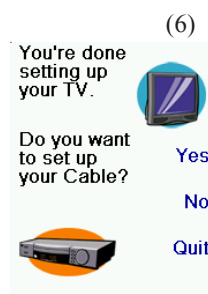
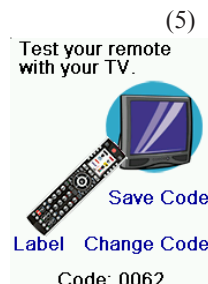
Pressing Save displays screen (5) that instructs you to try a few other keys on the remote to make sure you've found the correct code. Tip: try keys like Menu, and Guide. Power might work yet you still might not have the correct code. If several keys seem to work fine, press Save Code. If some keys don't work, select Change Code (or press Back) to go back and find another code that works better. Selecting Label lets you rename the device, e.g., you could call it My TV. You can ignore this for now and try it later if you like. See pages 13, 14, and 31 for more details on entering text to change labels.

Pressing Save Code at screen (5) takes you to screen (6) where you set up a Cable box. You can quit at this point and set up other devices later, or you can continue and set up other devices - SAT, DVR, DVD, VCR, Audio, CD Player, or either of the 2 AUX devices.

Let's assume for now that you go ahead and set up a TV, Cable, and SAT.

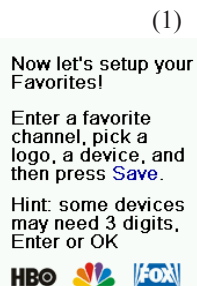
If you select No at screen (1) on the previous page the procedure will be similar to the above, except that you will be searching through the entire library of codes for your device to find the one that works best (instead of just searching through the codes for your brand of device, e.g., Philips).

If you say Yes when asked if you know your Brand, but subsequently don't find a code that works, you are asked if you want to try again (in case you missed it), or try all the codes for your device. If you try all codes for your device type, and still don't find a code that works, you can skip it, or selected Learn. If you select Learn you can later learn the commands you want for that device type.

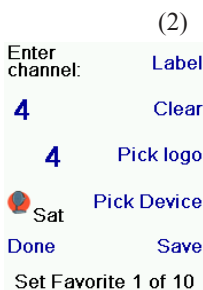


Setting Up Your Favorites

Once you've gone through the Wizard and set up at least a TV, and set up more devices, or skipped the rest of them, you arrive at screen (1) to the right.



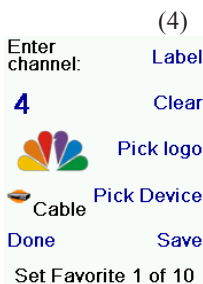
Press any digit key, say digit 4, to enter a channel number. This takes you to screen (2). You can enter more digits if desired. The channel number can include a dash (-) for digital channels, e.g., 2-3, or can include ENTER, or OK, if your device requires it to change channels, e.g., 472Ok, or 550Ent.



Now you press the Side Key next to Pick Logo on screen (2). You are shown a screen (3) of popular channel logos. You can select Next (Side Key 10) or Back (Side Key 5) to see more logos. In this example we pressed the NBC logo (Side Key 4). Screen (4) now shows that we've chosen channel 4 and the NBC logo. Note, you could also select the top left position which would display "4" as the favorite rather than a logo.



The Default device in this case was Sat, but you can select Pick Device to change it. In this case we changed it to Cable. **Make sure you select the device that you want each favorite to control, e.g., TV, Cable, or Sat.**



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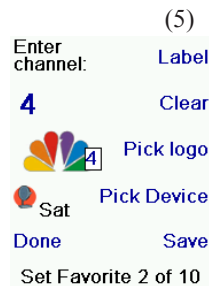
Setting Up Your Favorites, cont.

If you want to add a label to the logo press the Side Key next to Label. This is optional so if you don't want to add a label to the logo you can just select Save to save the setting for this favorite. If you save this favorite, Set Favorite 2 of 10 is now shown at the bottom of the screen to indicate that you can add another favorite channel. Again just press a channel number key on the remote, choose a logo and change the Device Type (if you want to). Add a few more favorites (up to 10). You can add more later, or delete or edit them later, or even reorder their positions. Select Done when you're finished setting up favorites.

If you select Label, you see the screen to the right with a small label on top of the logo. Initially the label will be the channel number for that logo. If you Save this, the logo will have a small label representing the channel number for that logo in its bottom right hand corner, see screen (5).



But you can type in a new label if you want one. You enter the new name for the key using the numeric keys on the remote, in a similar fashion to typing in text on a cell phone.



E.g., in this example we pressed the 5 key twice to enter the letter K. Then we waited a second and pressed the 4 key repeatedly until the letter I was displayed. Then we waited a second and pressed 6 to select N. Then we waited a second and pressed the 4 key to select G. See next page.



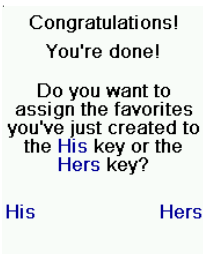
13

Setting Up Your Favorites, cont.

Note: “Triple tap” name entry works in a similar fashion to text entry on a cell phone. Tap each numeric key to cycle through ALL caps, numbers, and lower case letters. E.g., repeatedly pressing the number 2 key cycles through A, B, C, 2, a, b, c. Pressing the 9 key cycles through W, X, Y, Z, 9, w, x, y, z. A “space” can be selected with the 0 (zero) key. The number 1 key selects 1. @ ? ! - & and : You can backspace an entry with the key to the left of the 0 (zero) key. Press OK (or the Enter “E” key) to confirm your new name.

(6)

You can continue to add favorites, up to a total of 10 (You can add more later; see page 37.) At screen (6) you choose if the favorites you just set up are stored in the “His” group or the “Hers” group. Later you can set up favorites in lots of different Groups, not just His and Hers. Selecting His takes you to screen (7) showing that you now have NBC set as the first favorite in the His Group (at the location next to Side Key K1), as well as any other favorites you set up. (Note, you can reorder, i.e., move the positions of the logos later).



(7)

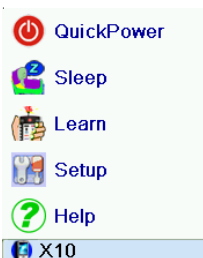


When you’re finished setting up your favorites, press the **HOME** key (located to the left below the screen) to go back to the Home screen.

At any time you can press the **FAVORITE** key and then select His, or press the His key at the top left hand side of the remote to go to screen (7) above. Pressing the key next to the NBC logo will (in this case) change the channel on your Cable box to NBC (in this case channel 4).

Note: See page 19, Using the Remote, for related His and Hers features.

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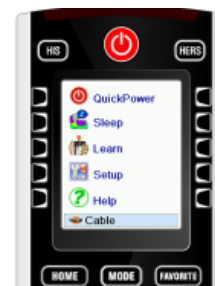


Setting Up X10 Devices

The IR32A IconRemote - coupled with other X10 Home Automation Modules - gives you the ability to control everything electrical in your home. Once you set up your remote, you can control most any electrical device from the remote, using the buttons that have been configured for X10 Home Automation Modules.

Description

X10 Home Automation systems use three types of signals - Infrared (IR), Radio Frequency (RF), and Power Line Carrier (PLC). The IR32A remote can send either IR or RF signals depending on how you’ve set up the remote to control different equipment.



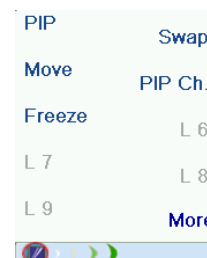
The following example describes how to set up your TV for RF control. (Setting your TV for IR control is described on page 10.)

Setting Up Your Remote to Send RF

- Press **Home**.
- Select **Setup** using the side key.
- At the following screen select **More** using the side key.
- At the following screen select **Wireless**.
- The **Mode** screen appears; select the Device you want to set for RF by pressing its side key. (In this example, it’s TV.) The RF symbol appears on the TV icon.



Note: When you make selections in TV Mode you will notice that the transmit signals at the bottom of the screen are now *Green*. This indicates that it is sending RF to the TV. If the signals are in *Red*, it means that the remote is transmitting IR.



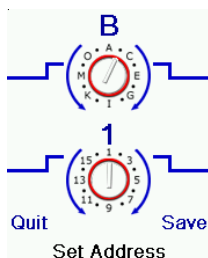
15

Setting Up X10 Devices, cont.

When triggering an X10 module or wall switch from a remote control, the signal is typically sent from the remote using RF on a specific house code. (IR can also be used if you are using an UX24A device.) The RF signal is received by the transceiver (either TM751, RR501, CM15A, or security console) on the matching house code. The transceiver then forwards the signal onto the house wiring. This is now a PLC signal. Any modules that match the house and unit code transmitted will either turn on or off, depending on the signal sent.

In the following example we'll set up the remote for a TM751 Lamp Module using Housecode "B."

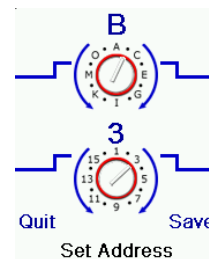
- Press the **HOME** key to display the setup screen. Select **Setup**.
- Select **Devices** at the new screen.
- At the **Device** screen, select **X10**.
- Select **Add/Edit** at the next screen.
- Choose the room where you will locate the TM751. For this example choose **All Rooms**.
- At the **add an X10 device** screen, press **OK**.
- Select **Pick Device**.
- Select **Appliances** and then scroll until you see the **TM751** icon. Select **TM751** using the appropriate side-key.
- At the following screen select **Address**.
- Using the side buttons, select "**B**" but leave the bottom number to "1," making the address **B1**. (Note: All transceiver devices must end in "1.")
- Select **Save** using the side key.
- The following screen will show the TM751 icon. Select **Done** using the side key.
- The Saving Settings screen appears.



Setting Up X10 Devices, cont.

In the following example we'll set up the remote for a LM465 Lamp Module located in the "**Basement**."

- Press the **HOME** key to display the setup screen. Select **Setup**.
- Select **Devices** at the new screen.
- At the **Device** screen, select **X10**.
- Select **Add/Edit** at the next screen.
- Select **Basement** (for this example).
- Press **OK** on the remote to continue.
- Select **Address**.
- Use the side buttons to set the values to **B3**.
- **Note:** The values in the Address screen must match the physical hardware settings for the LM465 Lamp Module. In this example, the settings are set at B3. This means that B3 matches the physical settings at the Lamp Module. (See the following example on how to set up a Lamp Module for a B3 setting.)
- Press **Save** to save the values.
- Select **Pick Logo** and choose an appropriate image.
- Press **Pick Device** and go through the screens to select the correct module.
- Press **Done**.



Setting Up X10 Devices, cont.

Setting up a LM465 Lamp Module (example)

The following is a basic example of how to set up an X10 Lamp Module (sold separately). See X10's Internet Home Page for a complete catalogue of Home Automation Modules at <http://x10.com/homepage.htm>.

Lamp Module

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

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

- Set the House Code to 'B' and the Unit Code to '3.' (In this example, B3 matches the remote's address for this device.)



- Plug a lamp into the Lamp Module.



- Plug the Lamp Module into a convenient AC outlet.



Using The Remote

Assuming you followed the steps on the previous pages and have set up some devices and some favorites, you can now use the remote. See the sections that follow to set up more devices and/or favorites, and to set up other functions. (See page 36 to learn how to set up more favorites.)

Using the Remote

Pressing the **HIS** or **HERS** buttons *once* at any time accesses the favorites that you've set up. You can select any of your favorites by pressing the button next to the icon you want.

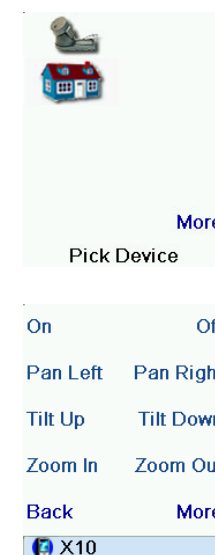
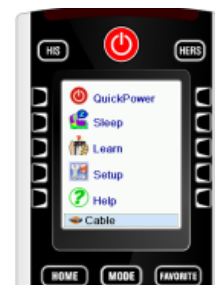
Pressing either **HIS** or **HERS** button a *second time* accesses the X10 Home Automation modules that you've set up.

This is an example screen of two X10 Home Automation devices, a camera base (VK74A Robotic Mount) and a module that turns outside lights on and off. Pressing the side key next to the camera icon displays an additional screen to control the actions of the camera (shown below).

Use the side keys to operate the camera by pressing the button and holding it down for actions that require movement.

Pressing the side key next to the House icon turns the lights on and off; the icon changes showing a light on or off as well as the word appearing at the bottom of the screen.

Note: Icons that have additional features will display a screen(s) that allow you to use those additional features. Some icons will only provide On or Off functions, some may provide dimming. It depends on the device's capabilities.



Favorite Key

Press the **FAVORITE** key to select your favorites group. Then press the Side Key next to the logo to change your device to that channel. Selecting a favorite group that has not yet been set up, takes you to the setup Wizard.

Important: Make sure you point the remote at your device until the channel changes. Pressing a favorite key might send the commands for say channel 162, but if you don't point the remote at your device until all three digits are sent you might just get channel 16, or even channel 1.



Watch the flickering halo at the bottom left of the screen, it flickers for each digit sent. It also shows what device is being controlled.

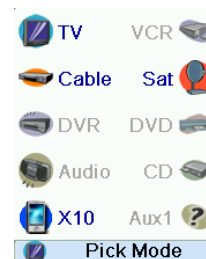
Press the **HOME** key at any time to access the screen to do setups, or access other features.

Before you continue, press Side Key K5 next to the Help icon and follow the prompts to get an idea of how to use the remote. Only Devices you've previously set up are displayed. The others are grayed out.

Mode Key

Press the **MODE** key, then select a device type to change the mode that the remote is in. E.g., if the remote is in Cable mode then the hard keys such as Channel Up/Down, Volume Up/Down, numbers, etc., operate your cable box.

Also, when you select a mode, any extra keys for that mode and any keys you've learned for that mode are displayed. The current mode that the remote is in is shown by an icon in the lower-left portion of the screen. (The remote screen shown above is in TV mode.)



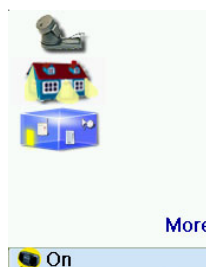
X10 RF Devices

Selecting **X10** from the **MODE** key screen displays the Pick Group screen.

- Press the Side key for the room that has the device that you want to control. (For this example "Master" was selected. The device icon displays according to the way "Master" was set up.)



- Press the Side key to send a command to the device. The status of the device changes. You can see the status of the device at the bottom of the screen; and the icon also changes in appearance.

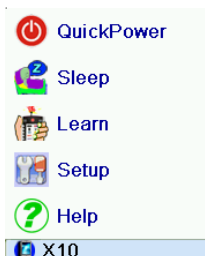


QuickPower

QuickPower is a way of quickly turning all your devices on or off from one easy to use screen.

Press the **HOME** Key to go to the Home screen.

Then press the Side Key next to QuickPower.



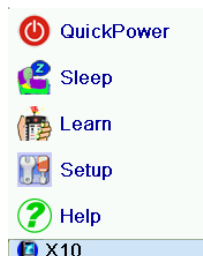
Only Devices you've previously set up are displayed. The others are grayed out. Press any key that isn't grayed out to send the "Power" command for that device.



Sleep

Sleep lets you set any device to turn off a preset time from now. You can set the off time in increments of 15 minutes, up to a Maximum of 90 minutes.

Press the **HOME** key to go to the Home Screen, then press the Side Key next to Sleep.



You can set a sleep timer for any or all of the devices that you've set up, i.e., any that are not grayed out.

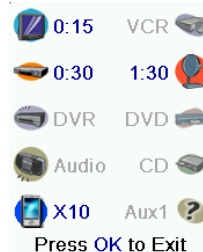
In this example we only have a TV, Cable Box and Satellite Receiver set up.

Below, we pressed Side Key K1 next to the TV icon once, to set a sleep timer of 15 minutes.



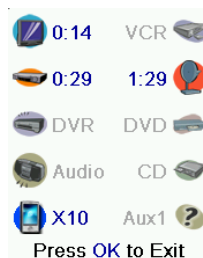
We pressed Side Key K2 next to the Cable Box icon twice, to set a sleep timer of 30 minutes.

And we press Side Key K7 next to the Sat icon five times to set a sleep timer of 1 hour and 30 minutes.



Pressing OK takes you back to the Home screen with your sleep timers saved. The next time you select the Sleep screen you'll see that the sleep timers have started to count down.

Make sure you leave the remote pointing at the device(s) you've set Sleep Timers for so it can send the Power command to the device(s) at the time(s) you've set.



Learning

Tips On Learning

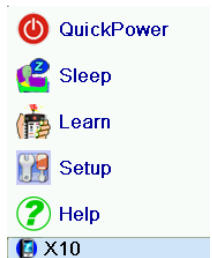
- Some functions from some types of remotes might not be able to be learned.
- No functions may be learned under the HOME, MODE, FAVORITE, HIS, or HERS (hard) keys.
- Use fresh batteries for both the IR32A remote and your Original Remote.
- Keep at least three feet away from incandescent or low-energy lights when learning.
- Place the original remote end-to-end with the IR32A remote so the IR transmitter (at the top) on your original remote points at the IR learning device on the bottom of the IR32A IconRemote.
- Keep the distance between the two remotes to approximately 1 inch.
- Line up the remotes and then press the key you want to learn. To get the correct range, press the key on the remote you are learning and you will see a “red halo” around the transmit icon at the bottom left of the screen starts to flicker. The best range for learning is when it flickers most rapidly. Move the position of the 2 remotes to achieve this. Do not change this “best distance” between the two remotes until you have learned all the required keys.
- When Learning, you should normally not release the key being learned until the display prompts you to do so. However, some keys might be learned multiple times if you do this. If this happens just “tap” the key you want to learn, rather than press and hold it. For example, keys that you normally hold down for a while (like volume up or down) will likely require a long press when learning. Keys that you normally give a quick press (like the numbers, and channel up/down) will likely require a quick press when learning. If after learning say the channel up key, you find that it changes multiple channels when pressed once, try relearning it with a short key press.
- If learning the first or second keys results in continuous errors then try the following:

Learning, cont.

- Check the IR transmitters/sensors are correctly aligned between the two remotes.
- Adjust the distance between the two remotes to be closer (e.g. half an inch) or a further away (e.g., 2 inches) from each other.
- Try learning the original remote keys again.
- If problems reoccur with the same key, check the original remote key being learned – does it transmit? Does it operate the target device?

You can learn commands from an existing remote and store them under the “Main” keys on the IR32A IconRemote, or learn commands from an existing remote and store them under any of the 10 Side Keys.

At the Home screen press the Side Key next to Learn.



At this screen you press any of the 5 Side Keys K1-K5 on the left to learn commands under a Side Key, or press any of the top 4 Side Keys K6-K9 on the right to learn commands under the main keys on the remote.

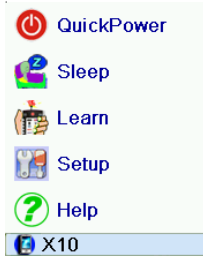


If you press a **right** Side Key (to select Main Keys) you are going to learn, say, the Chan Up key from an existing remote and store it under the Chan Up key on the IR32A IconRemote. Or learn the Power key from an existing remote and store it under the Power key on the IR32A IconRemote, etc.

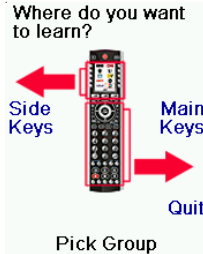
If you press a **left** Side Key (to select Side Keys) you are going to learn, say, the “DVD Zoom” function from an existing remote and store it under a Side Key on the IR32A IconRemote. You will then be able to name the key “DVD Zoom” and access this “DVD Zoom” function from the Mode screen when the remote is in the mode that you selected when you learned this “DVD Zoom” command.

Learning Main Keys

At the Home screen press the Side Key next to Learn.



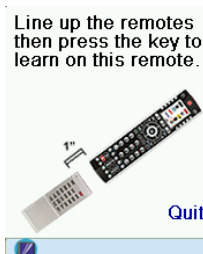
Then press one of the top 4 Side Keys K6-K9 to the right of the screen.



Select the Device you want to learn keys for. In this example we only have a TV, Cable Box and Satellite Receiver set up, so the rest are grayed out, but you can still select any of the devices to learn commands for. You are then instructed to line up the remotes, and press the key on the IR32A remote that you want to learn a command under, e.g., the Power key.

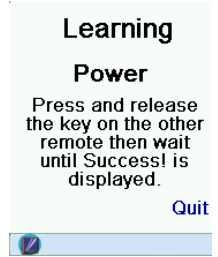


You then point the remote you want to learn commands from at the bottom of the IR32A IconRemote, and press the key on the IR32A IconRemote that you want to learn a command under, e.g., the Power key.

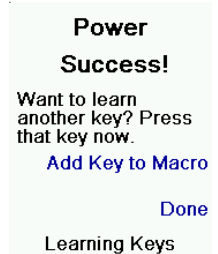


Learning Main Keys, cont.

You then press and hold (in this example) the Power key on the other remote, until the display shows that the command has been successfully learned. Note for some types of key you might need to hold the key pressed, but for other types a quick press is sufficient. Experiment a bit. If keys you learn are sent multiple times try learning them with just a quick press. (See Tips on Learning on page 24).



If the screen says Failure, you can press the key and try again.



You can continue learning more individual keys by following the instructions on the screen, and then press Done when you're finished. Or you can press Add Key to Macro, (see below and next page).

Learning a Macro - Main Keys

At this screen you can select Add Key to a Macro. Then instead of learning another "separate" key, the next key you learn will be added to a Macro. This Macro will be activated by the key that you learned the first command under. E.g., you could press Power and learn the power command from your TV's remote, then select Add Key to Macro, and press the 3 key and learn the channel 3 key from your TV's remote. Then the Macro stored under the Power key will turn on the TV and change the channel to number 3.



Macros - Main Keys, cont.

Before learning the second key in the Macro, you can if desired, set a delay (1-10 secs) after which the command stored in the Macro will be sent. For example your TV might require a few seconds after turning it on before it will respond to a Channel Up/Down command. (Repeatedly press the Side Key next to Set Delay, or enter the delay directly with the numeric keys, 0-9).

In this case let's set a 1 second delay between commands. Then point your existing remote at the bottom of the IR32A remote and press OK when you're ready.

You then press the second key on your original remote that you want to add to the Macro.

When success is displayed you can continue adding keys to the Macro, and then press Done when you're finished.

Line up the remotes. When ready, press OK to begin.



Line up the remotes. When ready, press OK to begin.



Learning Macro Step

Press and release the key on the other remote then wait until Success! is displayed.

[Quit](#)

Macro Step Success!

Want to learn another key? Press that key now.

[Add Key to Macro](#)

[Done](#)

Learning Keys

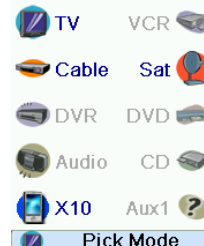
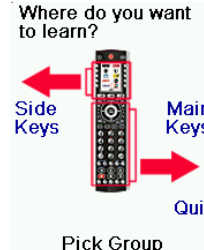
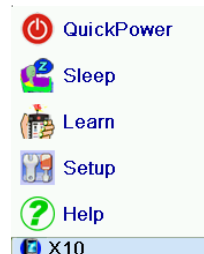
Learning Side Keys

At the Home screen press the Side Key next to Learn.

Then press any of the Side Keys K1-K5 to the left of the screen.

Select the device you want to learn keys for. In this example we only have a TV, Cable Box and Satellite Receiver set up, so the rest are grayed out, but you can still select any of the devices to learn commands for. In this case we selected TV.

Some typical "extra" keys are already set up, (depending on the Mode you selected), the rest of them are called L6, L7, L8, etc., 27 keys in total. (You can rename them later). Press the Side Key that you want to learn a command under. (Note can choose one that already has a name, so as to "learn over it" and then later rename it). Let's select L7.



PIP	Swap
Move	PIP Ch.
Freeze	L 6
L 7	L 8
L 9	More
Pick a key to learn	

Learning Side Keys, cont.

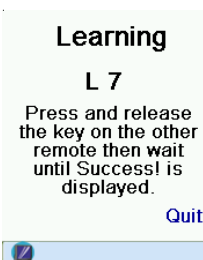
Next point the remote you want to learn commands from at the bottom of the IR32A IconRemote, and press OK when you're ready. (See Tips on Learning on page 24.)

Next press the key (on the other remote)

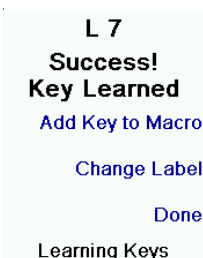
Line up the remotes. When ready, press OK to begin.



for the function you want to learn. Hold the key pressed until the screen says that the command was successfully learned. Note for some types of key you might need to hold the key pressed, but for other types a quick press is sufficient. Experiment a bit. If keys you learn are sent multiple times try learning them with just a quick press.



You can change the label for the key (in this case L7) and/or add the key to a Macro. (See page 32 for Macros.) If you select Change Label, by pressing Side Key K9, you can change the name to anything you want. For example you'll likely want to rename it with the name of the function that you learned.



After you select Change Label you see the screen to the right. You enter the new name for the key using the numeric keys on the remote, in a similar fashion to typing in text on a cell phone. See next page.

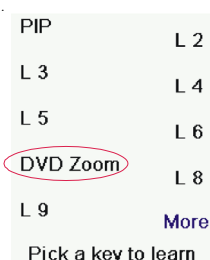


Learning Side Keys, cont.

E.g., in this example we pressed the 3 key on the remote to enter the letter D. Then we pressed the 8 key repeatedly until the letter V was displayed. Then we waited a second and pressed 3 to select D. Then we pressed the 0 (zero) key twice until we selected a space. We continued this process until we had "DVD Zoom" displayed.



Then we pressed OK to save the new label for the key we had learned.



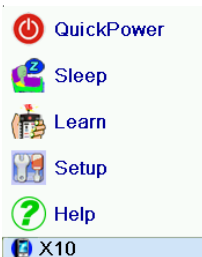
The next time you set the remote to the mode that you learned this key under you'll see a screen where you can select this, and any other functions you've learned under that mode.

Pressing the **MODE** key and then selecting a device type shows the "extra" keys and learned keys for that mode. Note, you can learn keys from any kind of remote under any mode. You could for example learn the power keys for your TV, and your audio system and extra keys for your DVD player under the DVD mode. Then when you press the MODE key and select DVD, you'll be able to turn on your TV, turn on your audio system, and control your DVD player, all from the Side Keys on this one screen.

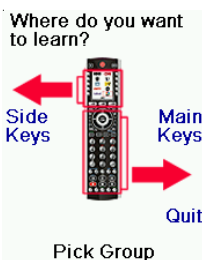
Note: "Triple tap" name entry works in a similar fashion to text entry on a cell phone. Tap each numeric key to cycle through ALL caps, numbers, and lower case letters. E.g., repeatedly pressing the number 2 key cycles through A, B, C, 2, a, b, c. Pressing the 9 key cycles through W, X, Y, Z, 9, w, x, y, z. A "space" can be selected with the 0 (zero) key. The number 1 key selects 1 . @ ? ! - & : and back to 1. And you can backspace an entry with the key to the left of the 0 (zero) key. Press OK (or the Enter "E" key) to confirm your new name.

Learning Macros (Side Keys)

A Macro could include the Power key for your TV, followed by the Power key for your Cable box, followed (after a 2 second delay), by digit 4 from your cable remote. Then when you later activate this Macro it will turn on your TV, turn on your cable box, wait 2 seconds, and then set the cable box to channel 4. At the Home screen press the Side Key next to Learn.



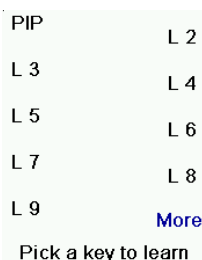
Then press any Side Key K1-K5 to the left to learn a Macro that you'll save to a Side Key (and later rename it if desired).



Select the device you want to learn keys for. In this example we only have a TV, Cable Box and Satellite Receiver set up, so the rest are grayed out, but you can still select any of the devices to learn commands for. E.g., in this case we selected DVR.

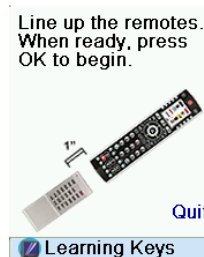


Then select the Side Key that you want to store the Macro under, for example, L3.

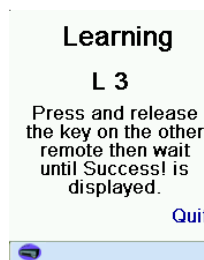


Learning Macros, cont.

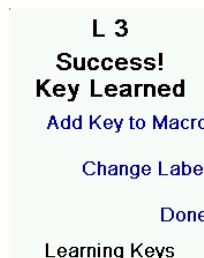
Line up the remotes and press OK when you're ready.



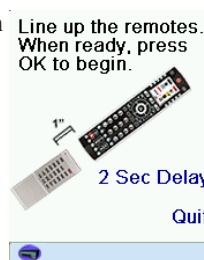
Next press the key (on the other remote) for the function you want to learn. Hold the key pressed until the screen says that the command was successfully learned. Note for some types of key you might need to hold the key pressed, but for other types a quick press is sufficient. Experiment a bit. If keys you learn are sent multiple times try learning them with just a quick press.



Press Side Key K8 next to "Add Key to Macro" to add more keys.



You can set a delay (1-10 secs) after which the command stored in the Macro will be sent. (Repeatedly press Side Key K9 next to Set Delay, or enter the delay directly with the numeric keys, 0-9). In this case we set a 2 second delay.



Learning Macros, cont.

Point your existing remote at the bottom of the IR32A IconRemote and press OK when you're ready. Then press your next key.

After adding more keys you can keep the label for the key (in this example L1) or select Change Label, by pressing Side Key K9.

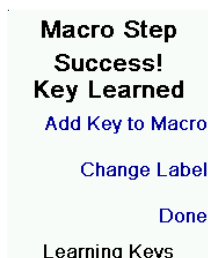
If you select Change Label you can change the name to anything you want. For example you could call it My Macro, or Macro 1.

After you select Change Label you see the screen below to the right.

You enter the new name for the key using the numeric keys, in a similar fashion to typing in text on a cell phone. E.g., in this example we pressed the 6 key on the remote to enter the letter "M." Then we pressed the 2 key repeatedly until the letter "a" was displayed. Then we waited a second and repeatedly pressed 2 to select "c." Then we waited a second and repeatedly pressed the number 7 key until we selected "r." Then the 6 key to select "o." Then the 0 (zero) key twice to select a space, and then 1 to select 1. Macro 1 is then displayed.

Press Done to save the new label for the Macro you learned and stored under the L1 key.

The next time you select the Mode that the Macro was learned in (in this case DVR), you'll see that you can press the Side Key next to "Macro 1" to activate the Macro.



Setting up more

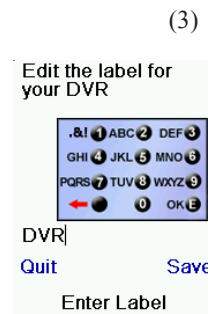
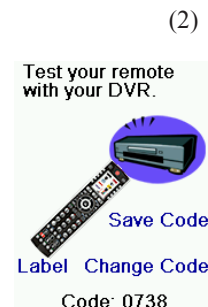
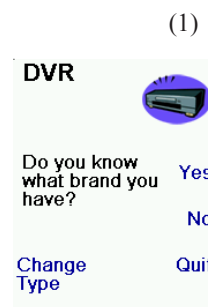
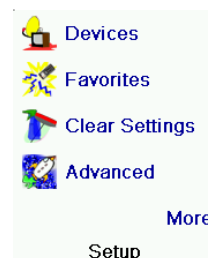
Setting up more Devices

When you first inserted the batteries in the remote you likely went through the Wizard and set up a few devices. Here's how to set up more devices. Press the **HOME** key to display the Home screen. Then press the Side Key next to Setup. Then press the Side Key next to Devices.

Pick a device you want to set up. It doesn't have to be a device that is grayed out. You can also select any device that's already set up (not grayed out) and change its settings. From this point, setting up a device is the same as you learned in the Wizard. (See page 9.) Note, you can select Aux 1 or Aux 2 from the Devices screen and then select any type of device to set up under either Aux key.

Or, you could select any device, and then press Change Type repeatedly, on screen (1) above, to scroll through the devices and change to TV (for example) to set up a second TV. Selecting Label, on screen (2) lets you rename the device, e.g., you could call it Den TV and have another called Liv Rm TV.

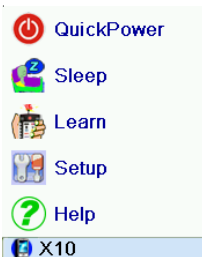
Note: "Triple tap" name entry works in a similar fashion as text entry on a cell phone. Tap each numeric key to cycle through ALL caps, numbers, and lower case letters. So at screen (3) you could press the 6 key to enter M, then the 9 key 8 times for a lower case y, then the zero key twice for a space, then the 8 key for T, then the 8 key three times for a V, to enter My TV. See pages 13, 14, and 30 for more details on entering text to change labels.



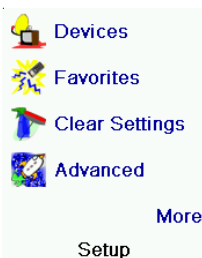
Setting up more, cont.

Setting up more Favorites

When you first inserted the batteries in the remote you likely went through the Wizard and set up a few favorites. You could only set up 10 favorites at that time. Here's how to set up more favorites. Press the **HOME** key to display the Home screen. Then press the Side Key next to Setup.



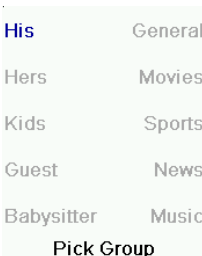
Then press the Side Key next to Favorites.



Then press the Side Key next to Wizard. Then pick the group that you want to set up favorites in, (or add more favorites to). If you pick an existing group that you previously set up favorites in, say His, any new favorites will be added to the ones you already set up. If you've already set up 10 favorites, a new page will be added. (You can have 10 pages of favorites.)



Groups that have not yet had any favorites added to them are grayed out, but can still be selected. From this point adding favorites is the same as you learned in the Wizard, so follow the directions on the screen. (See also pages 9-10.)

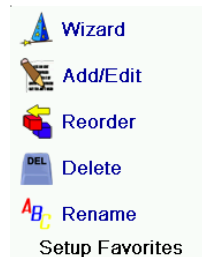


Setting up more, cont.

Adding/Editing Favorites

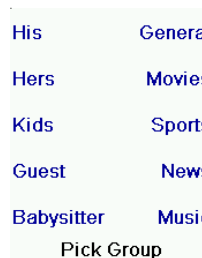
This lets you add favorites to an existing group, edit favorites in an existing group, or add favorites to a new group.

Press the **HOME** key, select Setup, and then select Favorites. Then at the screen to the right select Add/Edit.



Select any group to add favorites to or edit existing favorites.

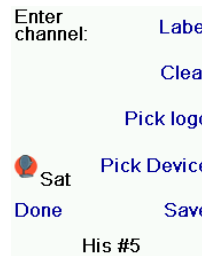
Pressing the Side Key next to an existing group (in this case His) shows the favorites that you've previously set up in that group.



You can press a Side Key next to an existing logo (to edit/change it), or press a Side Key next to a blank location to add a new favorite, or press More to add or edit icons on a new page. For example, you might only want to have four favorites on this page and put some other favorites on their own separate page. Or you can fill up this page and add more to the next page (up to 10 pages of favorites).



From this point on adding favorites is the same as you learned in the Wizard, so follow the directions on the screen. (See also pages 9-10.)



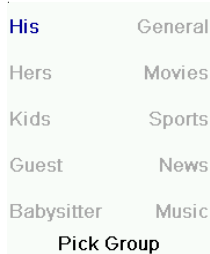
Setting up more, cont.

Reordering Favorites

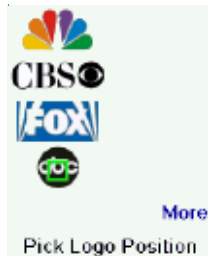
This lets you move the favorites that you previously set up in a group, to different locations on the screen, i.e., reorder them.

Press the **HOME** key, select Setup, and then select Favorites. Then at the screen to the right select Reorder.

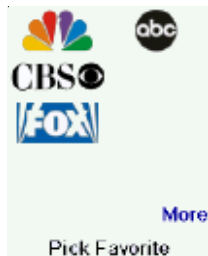
Pick the group in which you want to reorder the favorites. Groups that don't have any favorites in them yet are grayed out, and can't be selected.



When your favorites are displayed, select the one you want to move, e.g., ABC. It is then marked with a green box. Press the Side Key next to the location



that you want to move the favorite to. The favorite moves to the new location. Try moving favorites around to see how this works. Note, if you move a favorite to a location that already has a favorite there, the two favorites swap locations.



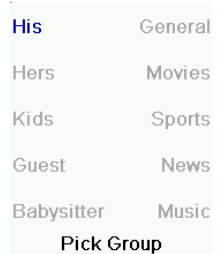
Setting up more, cont.

Deleting Favorites

This lets you delete favorites that you previously set up in a group.

Press the **HOME** key, select Setup, and then select Favorites. Then at the screen to the right select Delete.

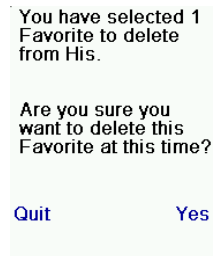
Pick the group in which you want to delete the favorites. Groups that don't have any favorites in them yet are grayed out and can't be selected.



When your favorites are displayed, select the one(s) you want to delete, e.g., FOX and ABC. The favorites are marked for deletion with a red X.



You can press the Back key if you change your mind, otherwise pressing OK deletes the selected favorites. (There is a warning displayed first allowing you to change your mind.)



Setting up more, cont.

Renaming Favorite Groups

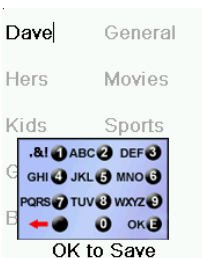
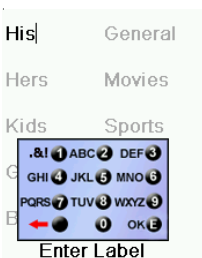
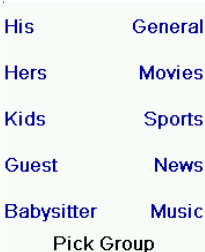
This lets you Rename the groups that you save your favorites in. For example you might want to rename His to Dave, or Hers to Isabel.

Press the **HOME** key, select Setup, and then select Favorites. Then at the screen to the right select Rename.

Note, none of the groups are grayed out so you can even rename groups that don't yet have any favorites set up in them. Pick the group that you want to Rename, e.g., His.

You enter the new name for the favorites group using the numeric keys on the remote, in a similar fashion to typing in text on a cell phone. E.g., in this example we pressed the 3 key on the remote to enter the letter "D." Then we pressed the 2 key repeatedly until the letter "a" was displayed. Then we waited a second and repeatedly pressed 8 to select "v." Then we waited a second and repeatedly pressed the number 3 key until "e" was selected.

When you've entered the new name, press OK to save the new name for the favorites group.



Setting up more, cont.

Clearing Settings in the Remote

This lets you clear (erase) various things you've set up in the remote.

Press the **HOME** key; select Setup. Then at the screen to the right select Clear Settings.

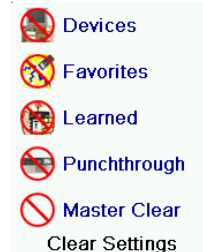
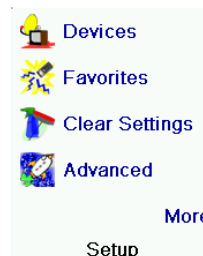
Pressing the Side Key next to Devices lets you clear the settings, i.e., codes for various Devices (TV, VCR, etc.). After selecting Devices, you select the device you want to clear. Only devices that you have set up are shown. All other devices that have not been set up are grayed out.

Pressing the Side Key next to Favorites lets you select a group, e.g., His, Hers, etc., and then clear ALL the favorites you had set up in that group of favorites. Only groups that you have set up favorites in are shown. All other groups are grayed out.

Pressing the Side Key next to Learned lets you select a device (TV, VCR, etc.) that you had previously learned commands and/or Macros under and clear everything that was learned. Only devices that you have learned commands and/or Macros under are shown. All other devices are grayed out.

Pressing the Side Key next to Punchthrough lets you clear any Punchthrough commands you had set up for a device. Only devices that you have set up Punchthrough for are shown. All other devices are grayed out.

Pressing the Side Key next to Master Clear lets you clear EVERYTHING in the remote. Be careful when selecting this. Note however that ALL the sections above display a warning screen allowing you to change your mind before actually clearing anything.



Advanced Settings

Press the **HOME** key, then select Setup, then select Advanced.

The screen to the right lets you change the backlight delay; enter codes for devices directly from the printed code list that came with the remote; set up punchthrough for various devices; and limit the channels that young children can access.

Options

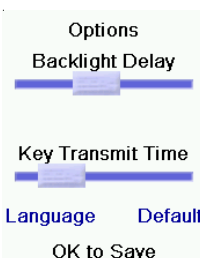
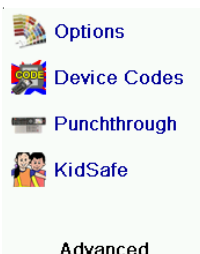
Select Options, then press a Side Key to the left or the right of the option to adjust the setting. Then press OK. Backlight adjusts how long it takes before the screen goes black (approx 2-35 seconds) if you don't press any keys.

Key Transmit Time changes the delay between digits when sending favorites, e.g., 1-6-2. This can be used in situations where the channels are not accepted by the set-top box.

Device Codes

Select Device Codes. Then Select a device. Devices that have not yet been set up are grayed out. You can select them here and set them up by entering the device code from the printed code list. Or, you can change the code for a device that had already been set up by simply entering the new code.

This screen also lets you view the codes for any device that has been set up. In the above example you can see the codes that are set for TV, Cable, and SAT. We've selected CD and can then enter its 4-digit code from the code list, using the number keys on the remote. The above also shows that we've learned codes under the AUX1 in DVD mode.



Advanced Settings, cont.

You can also change the device type by pressing the key on screen (1) next to the device that you are editing the code for. Pressing this key repeatedly cycles through all available device types.

Programming Combo Device Codes

Some Combo devices (e.g., TV/VCR, TV/DVD, DVD/VCR, etc.) will require you to set up two different Mode keys to control both parts of the Combo device. For example, if you have a TV/DVD Combo, you might need to set up one code under the TV key to control the TV part AND a separate code (under any other Mode key) to control the DVD part. Other Combo devices have one code that will control both parts of the device.

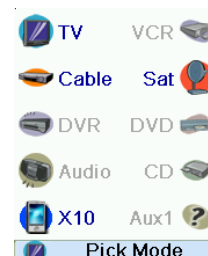
To set up a combo device, press the **HOME** key, then select Setup, then select Advanced then Device Codes, as described on previous page.

Punchthrough

This lets you set up how various keys on the remote operate in various modes. For example you might want the Volume Up/Down and Mute keys to ALWAYS operate your TV, no matter what mode the remote is in. Or you might want the Play, Stop, Pause REW, FF, and Record keys to ALWAYS operate your VCR no matter what mode the remote is in.

Press the **HOME** key, then select Setup, then select Advanced, then Punchthrough.

Then select the device you want to set up Punchthrough, e.g., TV.



Advanced Settings, cont.

Punchthrough, cont.

At this screen you set how you want the Volume Up/Down and Mute keys to operate when the remote is in TV mode.

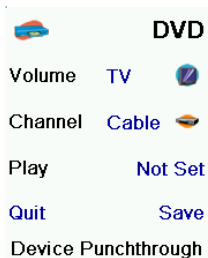
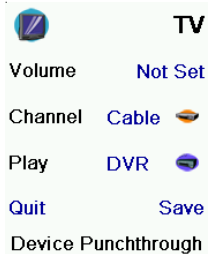
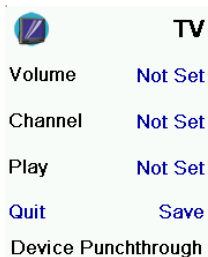
Then select how you want the Channel Up/Down keys to operate when the remote is in TV mode.

Then select how you want the Play, Stop, Pause, REW, FF, and Record keys to operate when the remote is in TV mode.

For example, here we've set the Volume and Mute keys to operate the TV in TV mode (i.e., Punchthrough Not Set); Chan Up/Down to operate the Cable Box; and Play, Stop, Pause, etc., to operate the DVD Player - even though the remote is in TV mode.

Here we've set the Volume and Mute to operate the TV; and Chan Up/Down to operate the Cable Box; - even though the remote is in DVD mode. Play, Stop, Pause, etc., will operate the DVD (i.e., Punchthrough Not Set for Play, etc.). You need to set up Punchthrough for each device you've set up in the remote. I.e., you need to set up how you want the "Volume Up/Down and Mute" "Chan Up/Down" and "Play, Stop, Pause REW, FF, and Record" keys to operate for each device that you have set up in whatever mode the remote is set to.

Note also that if you want some other keys to operate in a different mode from what they normally operate in, you can "learn" the key(s). E.g., if you want you TV's INPUT key to still switch the TV's input when you're in cable mode, you can learn your TV's INPUT key under cable mode.



Advanced Settings, cont.

KidSafe

Press the **HOME** key, then select Setup, then select Advanced, then KidSafe.

The first time you access the KidSafe menu you are asked if you want to set up a KidSafe Code. If you select Yes, you see this screen. You enter a 4-digit code that you will easily remember but that your Kid(s) won't guess.

After you enter a 4-digit code and press OK, you see a screen that lets you pick a new KidSafe code, i.e., change it. And/or set the group of favorites that your Kids have access to (the default group is Kids but is grayed out if you haven't set that group up yet).

You can press the Side Key next to Pick Favorites and choose a different favorites group that you want your Kids to have access to, e.g., any other favorites group you've set up.

After you've done this you now have the option to Turn KidSafe On. If you turn KidSafe On everything in the remote except access to the KidSafe group (and Volume/Mute keys) is locked out. No settings can be changed, and Channel Up/Down, and number keys will not work.

If you try to access any other favorite group, change a setting, or access any forbidden menu, you are asked to enter the KidSafe code. You cannot continue unless you enter the correct KidSafe code. See the Troubleshooting section if you forget your KidSafe code - but don't let your kids read this owner's manual!

You haven't set up your KidSafe code. Would you like to do so now?

No Yes

Enter KidSafe code

Code: |

Clear

Quit OK

Pick KidSafe Code

Turn On

Pick KidSafe code

Pick Favorites

Kids

Quit

KidSafe Setup

X10 Home Control

If you own or have purchased the Model IR543 Command Center, and you have compatible X10 Lamp, Appliance, and Wall Switch modules, you will also be able to control lights and appliances from your IR32A IconRemote. You must set up the remote with the 0999 device code in order for the IR32A to communicate to the IR543 Command Center.

When you point the IR32A toward the IR543, it understands the IR commands and converts them to PLC signals. Any modules that match the house and unit code transmitted will either turn on or off, depending on the signal.

To see how to enter a device code, refer to page 42. Set up the code under AUX mode, but you can choose another mode if you prefer. Then in AUX mode (for example), press a number button on the IR32A corresponding to the X10 Module you want to control. Press CHANNEL + to turn the module on, CHANNEL – turns it off; VOLUME + to brighten Lamp and Wall Switch Modules, and VOLUME – to dim them.

If you own or have purchased the TM751 RF Transceiver Module, your IR32A IconRemote communicates using its RF signal. The remote transmits the RF signal on a specific house code. This signal is received by the transceiver (either TM751, RR501, CM15A, or security console) on a matching house code. (See pages 15 through 18 on how to set up the remote and modules.) The transceiver then forwards the signal onto the house wiring. This is now a PLC signal. Any modules that match the house and unit code transmitted will either turn on or off, depending on the signal sent. Camera power supplies are addressable and act just like lamp or appliance modules.

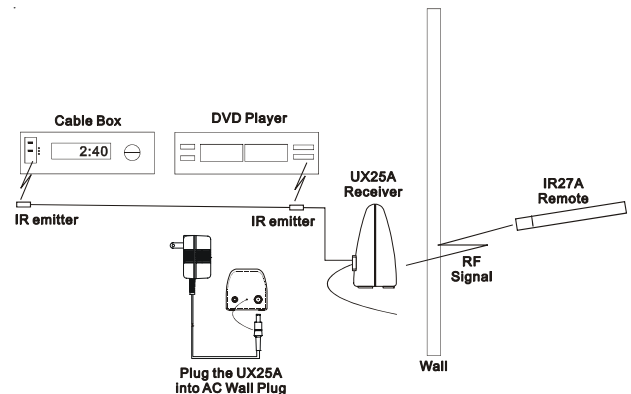
Audio and Video Compatibility

The IR32A IconRemote used in conjunction with the UX25A receiver gives you control of Audio and Video components - even if they are in a different room from the remote.

Description:

The idea on how to do this is shown in the figure below. Follow these basic steps:

- Plug the UX25A receiver's power supply jack into the back of the UX25A and plug the power supply into an AC wall outlet in the room where your TV, VCR, stereo components, etc., are located.
- Plug the IR extender cable into the back of the UX25A.
- Attach the IR emitters on the cable facing the front of up to two A/V devices that you want to control.



- Point the IR32A in the general direction of the UX25A receiver and press any button. The UX25A receives the Radio Frequency (RF) signals and sends the IR signals through the emitter to control your IR compatible devices (TV, VCR, CD, etc.).

Note: The IR32A IconRemote and the UX25A can be in different rooms up to 50 feet away from each other. Add more receivers to control A/V equipment in more than one room.



Troubleshooting

The Favorites you set up don't operate your device.

- Make sure you selected the correct device (TV, Cable, Sat, etc.), when you set up each favorite. See Add/Edit Favorites page 37 to change the device type for your favorite(s).

The Remote's hard keys do not operate your product.

- Make sure the remote is set to the correct Mode by pressing the **MODE** key follow by the appropriate Side Key for the device mode that you want.
- Program the remote with a new code.
- The remote may not contain the code for your device. Try learning the codes you need from your old remote.
- Install new batteries.

The remote does not operate some features of your product.

- Program the remote with a new code.
- The remote may not be able to operate all features of your product or key names might be different than your product. Try learning codes from your old remote.

Having problems with learning?

- See Learning Tips on page 24.
- If some learned keys transmit multiple times, e.g., if a learned Channel Up key changes more than one channel when you press it, or Up/Down/Left/Right navigation keys move more than one step when you press the learned key; try just giving the key to be learned a quick press (when you learn it) rather than holding the key pressed until the screen displays Success.

Your TV turns on when you press a Favorite key.

- Some types of TV, e.g., Philips flat panel TVs turn on and go to the selected channel when you press a channel number while the TV is off. So for this type of TV pressing a favorite key will do the same thing (but it might not work for 3-digit channels, e.g., 550).

Forgot your KidSafe code?

- Just remove and reinsert the batteries to reset KidSafe (but don't let your Kids see this Owner's Manual).



12 Month Limited 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, or visit www.x10.com, or e-mail support@x10.com.

For help or more information on setup, please visit:

<http://www.x10.com/support>





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