ZN411
Front Cover Art
Congratulations on your purchase of a Zenith Universal Remote Control. Zenith Universal Remotes let you replace a broken or lost remote or combine more than one remote into one.

This remote control operates the common features of most but not all models and brands of IR Infrared Controlled Video Equipment. This remote may provide functions that are not available on your equipment. Some functions of your particular equipment (e.g. menu functions) may not be controlled by this remote. In such cases, use the original remote control for your equipment. Please use this manual to become familiar with your Zenith Universal Remote. After you are familiar with your remote the first thing you need to do is to install batteries and setup your remote for your particular product and brand.

Thank you for buying a Zenith remote and we hope it will give you many years of service.
**Setup**

**Battery Installation**

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert 2 AAA Alkaline batteries.
3. Press the battery cover back into place.

**Battery Saver**

Your remote automatically times out if the buttons are depressed more than 30 seconds. This will save your batteries should your remote get stuck in a place where the buttons remain depressed (e.g., between the sofa cushions).

**Code Saver**

You will have up to 10 minutes to change the batteries in your remote without losing codes you have programmed. However, do not press any buttons until batteries are installed in the remote. If buttons are pressed without batteries in the remote, all codes will be lost.

**Power-On Default**

The remote powers on in TV mode.

**TV Volume/Mute Punch-Through**

The TV Volume/Mute punch-through feature lets you control the Volume and Mute function of your TV in any mode programmed to be a VCR, Cable, or DVD device, without needing to change to TV mode.

**VCR Punch-Through**

Punch-through to VCR mode is only allowed in TV and Cable modes.

**Code Setup**

The Code Search button is used to setup the remote. You can either setup the remote using the code for your brand of product, from the code tables, or you can search through the library of codes until you find a code that works for your product.

NOTE: You can store any kind of code under any mode (except TV). I.E. you can store a VCR code under the CBL key, or a DVD code under the VCR key, etc. However, you can only store TV codes under the TV key.
Button Functions

Some buttons on the remote might have functions that are referred to by different names on the device you are controlling. E.G. Prev. Ch. may be called RECALL, or ENTER may be called DISPLAY. These differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. E.G., your product must be equipped with Prev. Ch. ability for the Prev. Ch. button to operate this feature.

TV, VCR, DVD, CBL. Selects product to be operated.

MUTE Turns off the TV sound while the picture remains. Use for OK/Select in Menu mode.

Code Search For setup.

POWER Turns product On or Off.

SLEEP Turns off the TV after a period of 1 to 99 minutes.

NUMBERS Enter numbers for direct channel selection. Some products require Enter to be pressed after channel selection.

ENTER Used after direct channel number entry to immediately change to the selected channel.

Note: The REC button must be pressed TWICE to record from your VCR. For some brands of VCRs, you might need to press the REC button once, then press it again for three seconds.

Button Functions, cont.

CHANNEL Up/Down Changes the channels.

VOLUME Up/Down Changes the volume level of the product, normally the TV.

QUIT exits from Menu mode.

MENU In/Out Toggles in and out of menu mode. Accesses the Menu functions of the device you are controlling.

Prev. Ch. 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.

CC (Subtitle) TV Closed Caption (if your TV has this feature) or DVD Subtitle toggle.

TV/VCR/INPUT For some TVs, press repeatedly to select from available viewing sources (TV, CBL, etc.).

RECORD, PLAY, STOP, REW, FF, PAUSE VCR control buttons operate your VCR even when the remote is set to operate the TV. Also operates DVD Scan +/-.
Advanced Button Functions

**DVD**

*Scan+ and Scan-* buttons control the speed of Fast Forward and Reverse Playback respectively.

*Chapter+ and Chapter-* buttons respectively locate the succeeding or preceding Chapters or Tracks on a disc.

*Repeat* button performs DVD players “A-B Repeat” (or RPT A.B) function for repeat play of current Chapter or Track.

*Play* button is used to start Disc playback and for Menu selection on some DVD players.

*Stop* button stops Disc playback.

*Pause* button will pause Disc playback - press Play to resume.

Note - in DVD Mode the INPUT button activates the DVD Player’s SETUP Menu.

**MENU IN/OUT**

The Menu In/Out button allows you to toggle in and out of Menu Mode. Pressing Menu In/Out brings up your device Menu. While in Menu mode the remote’s red indicator light blinks continuously. The remote will exit Menu Mode after 20 seconds if no keys are pressed. While Menu Mode is active, the Menu, Channel, Volume, Mute and Mode keys perform the following functions:

*MENU IN/OUT* Exits/Enters Menu mode.

*CHANNEL UP/DOWN* Up/Down commands for on-screen Menu navigation.

*VOLUME UP/DOWN* Right/Left commands for on-screen Menu navigation.

*MUTE OK/Select* command for on-screen Menu selection.

*TV Mode Key* Quit, Exit or Clear command to quit on-screen Menu and return the remote to normal operation (red indicator is now off). Note this action is also available by pressing any Mode key.

**TV/VCR Punch-Through**

VCR Punch-through is only available in TV, and Cable modes, i.e. the 6 VCR keys (Play, Pause, Stop, Record, FF and Rewind) will punch-through to the device programmed under VCR when in TV mode.

The TV/VCR/INPUT button performs the TV/VCR antenna switch function when in VCR Mode.

The TV/VCR/INPUT button performs the A.B switch function when in Cable Mode.

The TV/VCR/INPUT button performs the INPUT source switch function when in TV Mode.

The TV/VCR/INPUT button performs the DVD Setup function when in DVD Mode.

**Misc.**

*CC* will activate the Closed Caption feature if your device has that feature.

**TV/VCR and TV/DVD Combo units**

Note that for some TV/VCR and TV/DVD combo units you might need to set up two different buttons to control both parts of the combo unit. E.G., (referring to the Direct Code Entry section on the following page) you might need to set up a code under the TV button to control the TV part of the combo unit AND a separate code for the VCR or DVD under any other button you choose.
**Direct Code Entry**

1. Press and hold the Code Search button until the red indicator stays on. Release the Code Search button.
2. Press and release the desired mode button (TV, VCR, etc.).
   The red indicator blinks, then stays lit.
3. Enter the 3 digit code from the code tables. Note: after a valid code entry, the red indicator turns off.
   For an invalid code, the red indicator flashes.
4. With your device on, press CHANNEL Up. If the device responds, no further programming is required. Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

**Programming with Code Search**

1. Manually turn on the device (TV, VCR, etc.) to be controlled.
2. Press and hold Code Search button until the red indicator stays on. Release the Code Search button.
3. Press and release the desired mode button (TV, VCR, etc.).
   The red indicator blinks, then stays lit.
4. Press the Channel Up button repeatedly (up to 300 times) until the device to be controlled changes channel. The red indicator blinks, then stays lit. If you accidentally overshoot the code required, press the Channel Down button to backtrack through the library until the device changes channel. Pressing Channel Up changes direction to forward again.
   Press and release the Mute button to install the code.

The above assumes that you want to store VCR codes under the VCR button, DVD codes under DVD, etc. If you want to store a VCR code under DVD, etc., first follow the procedure on page 10 and try ANY DVD code from the code tables, e.g. press DVD in step 2, page 10, and then enter ANY VCR code. Then follow the steps above.

**Note**: If the device does not have a Channel Up button, use Play (VCR only) or Power instead. Code Search starts from the currently stored three digit number under that mode e.g. if the mode has 100 codes and the currently stored code is 050 then the Code Search starts from 051 continuing to 100 before looping back to 000 and finishing at 050. This simplifies the process if you find that several preprogrammed codes operate your device by allowing you to bypass codes already tried.

Write your codes down here for easy reference later.

<table>
<thead>
<tr>
<th>Type</th>
<th>Type stored</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV</td>
<td>TV</td>
<td></td>
</tr>
<tr>
<td>VCR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DVD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Code Identification**

**Sleep Timer**

The Sleep feature enables the remote to turn off the TV after a period of 1 to 99 minutes. Remote is to be in TV mode to set a Sleep Timer. This feature works even if your TV does not have this feature.

1. Press and release the TV Mode key.
2. Press and hold the Sleep button until LED remains on (occurring after approx. 2-3 seconds).
3. Release Sleep button.
4. Press and release the numeric keys (01-99) for the time required. The LED will blink off to indicate keypress acceptance and remain off after second keypress.
5. TV Sleep Timer now set.
6. Leave the Remote pointing towards the TV with an unobstructed path.

To cancel the Sleep Timer, press and hold the Sleep key until the LED blinks or press and release the Power key in TV Mode.

**Code List**

- **TV**
  - ABEX .................. 120
  - ADMIRAL ............ 701 918
  - ADVENTURA .......... 019
  - AIKO .................. 407
  - AIWA .................. 121 221
  - ALLERON ............. 206
  - AMARK .................. 603
  - AMTRON ............. 906
  - AKAI .................. 801
  - AMSTRAD ............. 905
  - ANAM NATIONAL .104 805
  - .............................. 901 906 920
  - AOC .................. 002 003 102 119
  - .............................. 217 302 502 814
  - ARCHER .............. 603
  - AUDIOVOX ............. 906
  - BANG & OLUFSEN ...... 620
  - BELCOR ............... 002
  - BELL & HOWELL ...... 506
  - .............................. 601 701
  - BRADFORD ............. 906
  - BROKSONIC .......... 215 316
  - BROKWOOD ............. 002
  - CANDLE ....... 002 019 402 502
  - CAPEHART ............. 119
  - CELEBRITY ............ 801
  - CENTURION .......... 502
  - CETRONIC ............ 805
  - CITIZEN ....... 002 112 402 407
  - .............................. 502 512 701 805 906 319
  - CLAIRTONE ............ 003
  - CLASSIC .............. 805
  - CLP .................. 018
  - CLP CLASSIC ....... 007 006 002
  - COLORTEME ........ 002 502 602
  - CONCERTO ............ 002 502
  - CONCIERGE ............ 713
  - CONTEC/CONY 003 802 805
  - .............................. 902 906
  - CRAIG .................. 805 906
  - CROWN ............. 805 906
  - CURTIS MATHES ...... 002 103
  - .............................. 112 502 506
  - .............................. 512 601 701 704
  - CXC .................. 805 906
  - DAEWOO ............. 002 102 110
  - .............................. 214 303 311 314
  - .............................. 403 407 415 502 503
  - .............................. 611 614 805 809 909
  - DAYTRON ............ 002 502
  - DIMENIA ............. 601 704
  - DUMONT ............. 002 713
  - DYNASTY ............. 805
  - ELEKTRA ............. 701
  - ELECTROBAND ...... 003 801
  - ELECTROHOME .......... 002 502
  - .............................. 803 901 914
  - EMERSON .002 003 004 005
  - .............................. 104 105 106 115 204
  - .............................. 205 206 213 304 305 316
  - .............................. 319 405 502 505 506 519
  - .............................. 604 605 705 804 805 903
  - .............................. 904 905 906
  - ENVISION ............. 002 502
After the batteries are installed and you have programmed the remote for the codes that operate your products, you can use your remote to operate a TV, VCR, Cable Box, etc.

**To Operate:**

1. Press the TV, VCR, DVD, CBL, etc. button (depending on which product you want to operate).
2. Aim the remote at the product.
3. Press POWER to turn on the product.
4. Press other buttons to operate the features of your product.

**Troubleshooting**

**Remote does not operate your product.**

- Press the mode button of the product you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your product.

**Remote does not operate some features of your product.**

- Program remote with a new code.
- Remote may not be able to operate all features of your product or button names might be different than your product.

**Indicator light blinks after you program a product code.**

- Remote did not accept the code.
- Try to program the code again or try a different code.
This product is manufactured to ZENITH specifications and is free from defects in material, workmanship and assembly. This warranty extends only to the original purchaser and is nontransferable. Should a defect occur under normal operating conditions within 90 days from the date of purchase, ZENITH will provide a comparable replacement free of charge within the warranty period, to the original purchaser. Defective product must be returned, with the dated proof of purchase, to the place of purchase for replacement. This warranty does not extend to the product if it has been damaged or rendered defective as a result of accident, misuse, abuse, tampering with or modification. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ZENITH BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER IN CONTRACT, TORT OR NEGLIGENCE. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some States do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights, which vary from State to State.

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