

AT8400 AllTouch® Remote Control



Bringing the **Interactive Experience Home™**

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 communication. 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 the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by Scientific-Atlanta could void the user's authority to operate this equipment.



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CBL Setup Codes

About Cable Codes

Your cable service provider may have "locked" a valid cable code into your remote to keep you from changing the cable code unintentionally.

If you need to program the remote to operate a different device, use the following steps to unlock the remote.

1. Press and hold the **SELECT** key and the **CBL** key until the LED blinks twice.

2. Press **9 9 6**.

Note: As you press each digit, the mode key should blink.

3. Press **CH-** to unlock the remote.

Result: You can now set up your CBL key with a different cable code.

Enter all 4 digits to program the CBL mode key.

Cable Codes

Brand-Code

ABC-0004
 Contec-0008
 General Instruments-0011, 0012
 Gold Star-0010
 Jerrold-0007, 0011, 0012, 0015
 Memorex-0006
 Panasonic-0006, 0009
 Paragon-0006
 Pioneer-0010, 0014
 Pulsar-0006
 Quasar-0006
 Runco-0006
 Scientific-Atlanta-0000, 0001, 0002, 0003, 0004, 0005, 0016
 Samsung-0010
 Starcom-0011
 Tocom-0007
 Toshiba-0006
 Zenith-0006, 0013

Satellite Codes

Brand-Code

Echostar-0021
 Hughes-0017, 0020
 Mitsubishi-0020
 RCA-0018
 Sony-0019

AUX Setup Codes

Enter all 4 digits to program the AUX mode key.

Receiver Codes

Brand-Code

| | |
|---|---|
| AADC-3012 | Onkyo-3007, 3068 |
| Aiwa-3000, 3006, 3008, 3015, 3024, 3047, 3048, 3050, 3049, 3061, 3051, 3059, 3060, 3062 | Optimus-3012, 3027 |
| Captronic-3012 | Panasonic-3003, 3010, 3025 |
| Carver-3000, 3019 | Philips-3000 |
| Denon-3016, 3018, 3063, 3064 | Pioneer-3001, 3012, 3067 |
| Harman Kardon-3000, 3065, 3005 | Quasar-3003 |
| JBL-3005 | RCA-3012, 3054 |
| JVC-3004, 3052, 3066 | Sansui-3000 |
| Kenwood-3002, 3013, 3023, 3026, 3053 | Sherwood-3011 |
| Linn-3000 | Sony-3008, 3014, 3017, 3020, 3055, 3056 |
| Magnavox-3000, 3012 | Technics-3003, 3010, 3021, 3022 |
| Marantz-3000, 3003, 3070 | Victor-3004 |
| MCS-3003 | Wards-3000, 3001, 3008 |
| | Yamaha-3009, 3057, 3069, 3058 |

Amplifier Codes

Brand-Code

| | |
|--------------------|----------------------|
| Aiwa-3207 | Panasonic-3202, 3204 |
| Carver-3202 | Philips-3202 |
| Curtis Mathes-3203 | Pioneer-3200, 3203 |
| Denon-3201 | Sony-3208 |
| JVC-3205 | Technics-3202, 3204 |
| Linn-3202 | Victor-3205 |
| Magnavox-3202 | Wards-3200 |
| Marantz-3203 | Yahama-3206 |

Home Automation Codes

Brand-Code

GE-3601
 Radio Shack-3601
 X10-3600

Additional Audio Codes

These codes allow you to program your remote to control cable radio set-top devices.

Brand-Code

Jerrold-3400, 3402
 Scientific-Atlanta-3401
 Starcom-3400

About Your Remote

Your new AT8400 AllTouch® Remote Control ("remote") functions as four remote controls in one to operate your TV, VCR, cable set-top device (CBL), and an additional device (AUX), such as a stereo receiver or an amplifier.

In addition, the remote provides advanced features such as Personal Video Recorder (PVR) controls for certain cable set-top devices and the Picture-In-Picture (PIP) feature.

Note: If you have questions or concerns about the operation of this remote, contact your cable service provider.

Batteries

The remote requires two alkaline AA batteries. A diagram inside the battery compartment of the remote indicates proper placement of the batteries.

Mode Keys and Setup Codes

Q: What are mode keys?

A: The mode keys switch the remote to operate a particular device.



Q: What are setup codes?

A: Setup codes are numeric codes that identify your brand of equipment so that the remote can operate that equipment.

CAUTION: The AT8400 AllTouch Remote Control is not a toy. It should be kept out of the reach of children under the age of 6 years.

This symbol is intended to alert you of the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.


Setting Up Your Remote

The mode keys are programmed with most of the popular brands of electronic devices. Therefore, before you perform these procedures, you should test each mode key to see if it is already programmed.

To test the mode key, turn on your device, press the mode key for that device, and then press POWER on the remote control to verify that the power to the device turns off.

To Set Up a Mode Key

Follow these steps to set up a mode key:

1. Find the code(s) for your brand of device in one of the setup code lists in this guide.
 2. Turn on your device.
 3. Press and hold the **SELECT** key and the appropriate mode key for that device until all the mode keys blink twice. For example, to set up the VCR key, press and hold **SELECT** and **VCR**.
 4. Enter the setup code for the device. The mode keys blink twice to indicate that the code was accepted.
- Notes:**
- The setup codes for each mode key appear on both the front and the back of this guide.
 - As you press each digit in the setup code, the mode key should blink. If the mode key does not blink, the remote did not accept the digit. Enter that digit again.
5. Point the remote control toward the device and press **POWER**, , or **CH+** to test the device.
 6. Did the device operate correctly?
 - If **yes**, go to step 7.
 - If **no**, repeat steps 3 through 5 using a different setup code.
 7. Repeat steps 1 through 5 for each mode key you want to set up.
 8. Write your codes here for future reference:

TV: _____ VCR: _____


AUX: _____ CBL: _____

To Search for Codes

If none of the codes listed for your device work, you can search through the code library for a valid code. The remote automatically selects the proper code.

1. Turn on the device.
2. Press and hold the **SELECT** key and the appropriate mode key (**AUX**, **VCR**, **TV**, or **CBL**) until the mode keys blink twice. For example, to search for a TV code, press and hold **SELECT** and **TV**.
3. Using the remote control keypad, press **9 9 1**. The mode keys blink twice.

Note: Be careful not to press these keys too quickly. As you press each digit, the mode key should blink.

4. Point the remote toward the device, and press .

The remote automatically tests each code in its library, beginning with the most common codes. The mode key blinks once each time the remote transmits a new code.

Note: Each of the code libraries contains fewer than 100 codes. The mode key blinks twice when it reaches the last code in the library.

5. As soon as the device powers down, press the **SELECT** key.
6. Verify that the new code is correct by pressing the **Power** key.
7. Did the device power on again?
 - If **no**, go back and repeat step 4.
 - If **yes**, press **SELECT** to lock the code.

To Identify Programmed Codes

You can find out which code you used to program your device by following this procedure.

1. Press and hold the **SELECT** key and the appropriate mode key (**AUX**, **VCR**, **TV**, or **CBL**) until the mode keys blink twice.
2. Using the remote control keypad, press **9 9 0**. The mode keys blink twice.

Note: Be careful not to press these keys too quickly. As you press each digit, the mode key should blink.
3. Press **1**; then, count the number of times the mode key blinks. That number indicates the first digit in the code. For example, 4 blinks indicates the first digit in the code is 4. If the mode key does not blink, the digit is 0.

4. Press **2**; then, count the number of blinks. That number indicates the second digit in the code.
5. Press **3**; then, count the number of blinks. That number indicates the third digit in the code.
6. Press **4**; then, count the number of blinks. That number indicates the fourth digit in the code.
7. Write your codes for future reference in the space provided in this guide.

To Program for Volume Control

You can program the remote to control the volume and mute functions through any of the devices that it controls. The default is to control volume through your TV.

Note: For Explorer Digital Home Communication Terminals (DHCTs), use the **SETTINGS** button to go to the General Settings menu on-screen, and make sure that the Audio: Volume Control setting is set to "Variable."

1. Turn on the device.
2. Press and hold the **SELECT** key and the **CBL** key until the mode keys blink twice.
3. Using the remote control keypad, press **9 9 3**. The mode keys blink twice.

Note: Do not press these keys too quickly. As you press each digit, the mode key should blink.
4. Press the mode key for the device you want to control the volume.
5. Point the remote toward the device and adjust the volume to confirm that the Volume and Mute keys function as expected.

To Join The Explorer eClub

The Explorer eClub is an online club that provides news and information about the Explorer DHCT and offers you a chance to win prizes and other premium items.

To join the Explorer eClub, you must enter the serial number of your DHCT. The number is located on a label either on the back panel or on the bottom of your DHCT and begins with S/N. Write the serial number here: _____

You can access the Explorer eClub on the Internet at the following Internet site: www.scientificatlanta.com/explorerclub

TV Setup Codes

Enter all 4 digits to program the TV mode key.

| | | | |
|--|---|--|--|
| Brand-Code | Futurtech-1023 | NAD-1017, 1021 | Scott-1003, 1021, 1022, 1023, 1024 |
| Admiral-1013, 1028 | GE-1004, 1006, 1007, 1013, 1021, 1026, 1027, 1034, 1036 | NEC-1003, 1005, 1009 | Sears-1000, 1006, 1009, 1016, 1017, 1020, 1021, 1022 |
| Aiko-1012 | | Nikko-1005, 1012, 1021 | Semivox-1023 |
| Akai-1005 | | NTC-1012 | Semp-1017 |
| Alaron-1022 | | Onwa-1023 | Sharp-1013, 1018, 1031 |
| American Action-1023 | Gibraltar-1002, 1003, 1005 | Optimus-1016, 1019, 1025 | Shogun-1003 |
| Anam-1023 | GoldStar-1003, 1005, 1009, 1021 | Optonica-1013, 1018 | Sony-1001, 1042 |
| AOC-1003, 1005 | Gradiente-1008, 1009 | Orion-1022, 1024, 1028 | Sounddesign-1021, 1022, 1023 |
| Audiovox-1012, 1023, 1027, 1029 | Grunpy-1022, 1023 | Panasonic-1007, 1025 | Squareview-1020 |
| Baysonic-1023 | Hallmark-1021 | Penney-1003, 1004, 1005, 1006, 1007, 1009, 1010, 1017, 1021, 1036 | SSS-1003, 1023 |
| Belcor-1003 | Harvard-1023 | Philco-1000, 1003, 1005, 1014, 1028 | Starlite-1023 |
| Bell & Howell-1016 | Harley Davison-1022 | Philips-1000 | Supreme-1001 |
| Bradford-1023 | Harmon/Kardon-1000 | Pilot-1003, 1005 | Sylvania-1000, 1005 |
| Brocksonic-1024, 1028 | Hitachi-1009, 1014 | Pioneer-1019, 1031 | Symphonic-1020 |
| Brockwood-1003 | Infinity-1000 | Portland-1003, 1012 | Tandy-1013 |
| Candle-1005, 1009 | Inteq-1002 | Prism-1007 | Technics-1007, 1025 |
| Carnivale-1005 | JBL-1000 | Proscan-1006 | Teknika-1000, 1003, 1009, 1010, 1012, 1015, 1022, 1023 |
| Carver-1000 | JCB-1001 | Proton-1021 | Telefunken-1009 |
| Celebrity-1001 | JVC-1008, 1043 | Pulsar-1002, 1003 | Thomson DTC100-1039 |
| Cineral-1012, 1027 | KEC-1023 | Quasar-1007, 1018, 1025 | TMK-1009, 1021 |
| Citizen-1005, 1009, 1010, 1012 | Kenwood-1003, 1005 | Radio Shack-1003, 1005, 1006, 1009, 1016, 1018, 1021, 1023 | Toshiba-1010, 1016, 1017, 1040, 1041 |
| Concerto-1009 | KTV-1005, 1023 | RCA-1003, 1006, 1007, 1011, 1013, 1033, 1034, 1035, 1036, 1037, 1038 | Vector Research-1005 |
| Contec-1023 | LG-1009 | Realistic-1003, 1005, 1009, 1016, 1018, 1021, 1023 | Victor-1008 |
| Craig-1023 | Luxman-1009 | Runco-1002, 1005 | Vidikron-1000 |
| Crosley-1000 | LXI-1000, 1006, 1016, 1017, 1021 | Sampo-1005 | Vidtech-1003, 1021 |
| Crown-1023 | Magnavox-1000, 1005, 1022 | Samsung-1003, 1005, 1009, 1010, 1021 | Wards-1000, 1003, 1004, 1005, 1009, 1018, 1021, 1022 |
| Curtis Mathes-1000, 1005, 1006, 1007, 1009, 1010, 1013, 1014, 1016, 1019, 1027, 1034, 1036 | Marantz-1000, 1005 | Sansei-1027 | White-Westinghouse-1028, 1029, 1030 |
| CXC-1023 | Matsushita-1025 | Sansui-1028 | Yamaha-1003, 1005 |
| Daewoo-1003, 1012, 1027, 1029, 1030 | Megatron-1014, 1021 | Sanyo-1016 | Zenith-1002, 1012, 1028 |
| Daytron-1003 | Memorex-1009, 1015, 1016, 1021, 1025, 1028 | Scimitsu-1003 | |
| Denon-1014 | MGA-1003, 1005, 1015, 1021 | Scotch-1021 | |
| Dumont-1002, 1003 | Midland-1002, 1006, 1007 | | |
| Electroband-1001 | Minutz-1004 | | |
| Emerson-1003, 1016, 1021, 1022, 1023, 1024, 1026, 1028, 1029, 1030, 1005 | Mitsubishi-1003, 1013, 1015, 1021 | | |
| Fisher-1016 | Motorola-1013 | | |
| Fujitsu-1022, 1032 | MTC-1003, 1005, 1009, 1010 | | |
| Funai-1020, 1022, 1023 | Multitech-1019, 1023 | | |

VCR Setup Codes

Enter all 4 digits to program the VCR mode key.

See **Other VCR Codes** if you want to program your VCR mode key to control another device.

| | | | |
|--|--|--|--|
| Brand-Code | Harwood-2016 | Penney-2005, 2006, 2007, 2009, 2024 | Sharp-2013 |
| Admiral-2013 | HI-Q-2012 | Pentax-2009 | Shintom-2016 |
| Adventura-2001 | Hitachi-2001, 2009 | Philco-2005, 2022, 2029 | Shogun-2024 |
| Aiko-2026 | JVC-2003, 2015 | Philips-2000, 2005, 2032 | Singer-2016 |
| Aiwa-2001, 2006, 2027 | KEC-2006, 2026 | Pilot-2006 | Sony-2001, 2004, 2005 |
| American High-2005 | Kenwood-2007, 2015 | Pioneer-2015 | STS-2009 |
| Asha-2024 | KLH-2016 | Profitronic-2024 | Sylvania-2000, 2001, 2005, 2010 |
| Audiovox-2006 | Kodak-2005, 2006 | Proscan-2014 | Symphonic-2001 |
| Beaumarck-2024 | Lloyd's-2001, 2021 | Protec-2016 | Teac-2001 |
| Bell & Howell-2017 | Logik-2016 | Pulsar-2008 | Technics-2005, 2006, 2019 |
| Brocksonic-2002, 2018, 2020, 2022, 2029 | LXI-2006 | Quarter-2011 | Teknika-2001, 2005 |
| Calix-2006 | Magnasonic-2026 | Quartz-2011 | Thomas-2001 |
| Canon-2005 | Magnavox-2000, 2001, 2005, 2008 | Quasar-2005, 2019 | Thomson CRK76-2038 |
| Carver-2000 | Magnin-2024 | Radio Shack-2001 | TMK-2021, 2024 |
| CCE-2016, 2026 | Marantz-2000, 2005 | Radix-2006 | Toshiba-2010, 2011 |
| Cineral-2026 | Marta-2006 | Randex-2006 | Totevision-2006 |
| Citizen-2006, 2026 | Matsushita-2005, 2019 | RCA-2005, 2009, 2013, 2014, 2024 | Unitech-2024 |
| Colt-2016 | MEI-2005 | Realistic-2001, 2005, 2006, 2011, 2012, 2013, 2017 | Vector Research-2007 |
| Craig-2006, 2012, 2016, 2024, 2025 | Memorex-2001, 2005, 2006, 2008, 2011, 2012, 2013, 2017, 2019, 2024, 2027, 2033, 2036, 2037 | Runco-2008 | Victor-2011 |
| Curtis Mathes-2005, 2014, 2019 | MGA-2010, 2024 | Samsung-2011, 2024 | Video Concepts-2011 |
| Cybernex-2024 | MGN-Tech-2024 | Sanky-2008, 2013 | Videosonic-2016, 2024 |
| Daewoo-2011, 2026 | Minolta-2009 | Sansui-2001, 2025, 2029 | Wards-2000, 2001, 2005, 2012, 2013, 2024 |
| Denon-2009 | Mitsubishi-2010, 2013, 2015 | Sanyo-2011, 2012, 2017, 2024 | White-Westinghouse-2026 |
| Dynatech-2001 | Motorola-2005, 2013 | Scott-2010, 2011, 2018, 2020 | XR-1000-2001, 2005, 2016 |
| Electrohome-2006 | MTC-2001, 2024 | Sears-2001, 2005, 2006, 2009, 2011, 2012, 2017 | Yamaha-2007 |
| Electrohome-2006 | Multitech-2001, 2016 | Semp-2011 | Zenith-2001, 2008 |
| Emerex-2004 | NEC-2007, 2015, 2017 | | |
| Emerson-2001, 2002, 2006, 2010, 2018, 2020, 2021, 2022, 2026, 2029 | Nikko-2006 | | |
| Fisher-2012 | Noblex-2024 | | |
| Fuji-2005 | Olympus-2005 | | |
| Funai-2001 | Optimus-2006, 2013, 2017, 2019, 2028, 2034, 2035 | | |
| Garrard-2001 | Orion-2002, 2020, 2029 | | |
| GE-2005, 2013, 2014, 2024 | Panasonic-2005, 2019, 2023, 2031 | | |
| Go Video-2028, 2030 | | | |
| Gold Star-2007, 2006 | | | |
| Gradiente-2001, 2003 | | | |
| Harley Davison-2001 | | | |
| Harman Kardon-2000, 2007 | | | |

Setup codes for the AUX and CBL mode keys are located on page 7 of this guide.

Other VCR Codes

You can program your VCR mode key to control a CD player, DVD, or PVR device. Enter all 4 digits to program the VCR mode key.

CD Codes

| | |
|---------------------------|------------------------|
| Brand-Code | Sears-2418 |
| Aiwa-2411 | Sharp-2406, 2414, 2424 |
| Burmeister-2419 | Sherwood-2414 |
| California Audio Lab-2403 | Sony-2400, 2421 |
| Carver-2411, 2413 | Soundesign-2410 |
| Denon-2401, 2426 | Tascam-2419 |
| DKK-2400 | Teac-2414, 2419 |
| Emerson-2418 | Technics-2403 |
| Fisher-2413 | Victor-2408 |
| Garrard-2419 | Wards-2407, 2411 |
| Genexxa-2404, 2418 | Yamaha-2405, 2415 |

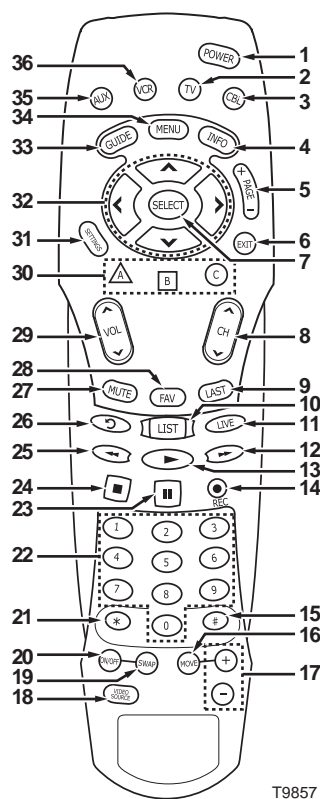
DVD Codes

| | |
|--|----------------------------|
| Brand-Code | Aiwa-2218 |
| Harman Kardon-2411, 2412 | Harman Kardon-2211 |
| Hitachi-2404 | Hitachi-2217 |
| JVC-2408 | JVC-2208, 2213, 2219 |
| Kenwood-2402, 2406, 2416, 2422, 2423 | Kenwood-2206 |
| Krell-2411 | Konka-2220, 2221 |
| Linn-2411 | Magnavox-2201 |
| LXI-2418 | Mitsubishi-2202 |
| Magnavox-2411, 2418 | Onkyo-2201, 2214 |
| Marantz-2403, 2411, 2414 | Optimus-2204 |
| MCS-2403 | Panasonic-2200, 2216, 2222 |
| Mission-2411 | Philips-2201, 2228, 2230 |
| MTC-2419 | Pioneer-2204, 2209 |
| Onkyo-2409, 2425 | Proscan-2203 |
| Optimus-2400, 2404, 2406, 2410, 2413, 2418, 2419, 2420 | RCA-2203, 2232 |
| Panasonic-2403, 2417 | Samsung-2210 |
| Parasound-2419 | Sany-2223 |
| Philips-2411 | Sharp-2215 |
| Pioneer-2404, 2418, 2420 | Shinco-2233 |
| Proton-2411 | Sony-2205, 2224, 2225 |
| QED-2411 | Technics-2200 |
| Quasar-2403 | Toshiba-2201, 2229, 2226 |
| RCA-2407, 2413, 2418 | Yamaha-2200, 2207 |
| Realistic-2413, 2414, 2419 | Zenith-2201, 2212, 2227 |

PVR Codes

| | |
|-------------------|---------------|
| Brand-Code | Echostar-2040 |
| Rotel-2411, 2419 | Philips-2039 |
| SAE-2411 | |
| Sansui-2411, 2418 | |
| Sanyo-2413 | |
| Scott-2418 | |

Quick Reference



Device Control

- 1 (POWER) Powers on or off
- 35 (AUX) AUX Mode Key
- 36 (VCR) VCR Mode Key
- 2 (TV) TV Mode Key
- 3 (CBL) Cable Mode Key

Sound

- 29 (VOL) Adjusts volume
- 27 (MUTE) Mutes sound

Viewing and Browsing Control

- 33 (GUIDE) Displays the program guide
- 34 (MENU) Displays the Applications Menu
- 4 (INFO) Displays channel and program information
- 5 (+ PAGE -) Navigates through settings or the program guide
- 32 (DIRECTIONAL KEYS) Moves through selections
- 7 (SELECT) Selects and deselects screen item
- 31 (SETTINGS) Displays the General Settings or Quick settings menus
- 6 (EXIT) Exits settings, menus, and guides
- 30 (A B C) Selects options in menus and the program guide
- 8 (CH) Selects channel, up or down
- 28 (FAV) Views favorite channels
- 9 (LAST) Returns to last channel viewed
- 22 (NUM KEYS) Enters channel numbers (also enters your parental control PIN)
- 21 (*) Reserved for future use
- 15 (#) Reserved for future use

PVR Control

- 26 (REW) Replays the previous few seconds of a program
- 10 (LIST) Displays a list of programs that you have recorded, allowing you to select one for viewing
- 11 (LIVE) Displays live television programming

VCR/VOD Control

Note: In VCR mode, these keys control your VCR.

- 25 (REW) Rewinds VCR/VOD
- 13 (PLAY) Plays VCR/VOD
- 12 (FF) Fast forwards VCR/VOD
- 24 (STOP) Stops VCR/VOD
- 23 (PAUSE) Pauses VCR/VOD
- 14 (REC) Records program

PIP Control

- 20 (ON/OFF) Opens or closes the PIP window
- 19 (SWAP) Swaps the contents of the PIP window and the main viewing screen so that the PIP window displays on the main screen
- 16 (MOVE) Moves the PIP window to another location on the screen
- 17 (+) Selects the channels in the PIP window, up or down
- 18 (VIDEO SOURCE) Selects the video source