

KB4200 Wireless Keyboard



Bringing the **Interactive Experience Home**™

IMPORTANT RULES FOR SAFE OPERATION

Read and Retain These Instructions

- Read all of the instructions before you operate this equipment. Give particular attention to all safety precautions. Retain the instructions for future reference.
- Comply with all warning and caution statements in the instructions. Observe all warning and caution symbols that are affixed to this equipment.
- Comply with all instructions that accompany this equipment.

Cleaning the Equipment

Use a damp cloth to clean this equipment. Do not use either a liquid cleaner or an aerosol cleaner to clean this equipment. Do not use a magnetic/static dust removal device.

CAUTION:

Do not place a magnet or any type of magnetic/static dust removal device, such as a duster, on or near this equipment. Magnetic/static devices may affect the operation of this equipment.

Placement

Place this equipment on a stable surface when storing. The surface must support the size and weight of this equipment.

WARNING:

Avoid personal injury and damage to this equipment. Placing this equipment on an unstable surface may cause it to fall.

Liquid or Moisture

Do not expose this equipment to liquid or moisture. Do not place this equipment on a wet surface. Do not spill liquids on or near this equipment.

Servicing

Do not open the cover of this equipment. If you open the cover, your warranty will be void. Refer all servicing to qualified personnel only. Contact your cable service provider for instructions.

Power Sources

A label on this equipment indicates the correct power source for this equipment. Use only AA alkaline batteries in this equipment.

Damage That Requires Service

For damage that requires service, contact your cable service provider. Refer service to qualified personnel when any of the following occurs.

- Liquid enters the equipment
- A heavy object falls on the equipment
- There is exposure to rain or water
- If you drop or damage the equipment
- Operation is not normal (the instructions describe the proper operation).

Upon completion of any service or repairs to this keyboard, ask the service technician to perform safety checks to determine that the equipment is in proper operating condition.

FCC Compliance

FCC Declaration of Conformity

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

Wireless Keyboard
Model KB4200
Manufactured by: Scientific-Atlanta, Inc.;
4261 Communications Drive;
Atlanta, Georgia 30093-2860; USA
Telephone: 770-236-1077

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.

Canada EMI Regulation

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.



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Remove the Battery Tab

Important: You must remove the shipping tab from the battery compartment before using the KB4200 Wireless Keyboard. Otherwise, the keyboard will not function.

The battery compartment may contain a tab to prevent the batteries from draining during shipping. Before you use the keyboard, turn the keyboard over and make sure that the tab has been removed. If the tab is still in place, grasp the end of the tab and pull.

Program the Keyboard

Introduction

Your KB4200 Wireless Keyboard (keyboard) allows you to enter text for e-mail and other applications through your Explorer® Digital Home Communications Terminal (DHCT). You can also use your keyboard to control your DHCT and your TV.

Your cable service provider has programmed your keyboard to operate your DHCT. To program your keyboard to operate your TV, use the procedures in this guide.

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

Program for TV Operation

Follow these steps to program your keyboard for TV operation.

1. Make sure the power to your TV is turned on before you program your keyboard.
2. Locate your TV brand in the **TV Setup Codes** table in this guide. If your TV brand is not listed, go to **Searching the Code Library**.
3. Point your keyboard *away* from the DHCT, the TV, and the VCR.
4. On your keyboard, press and hold **SELECT** and **TV Power** until the LED on your keyboard blinks twice.
5. Using the numeric keys on your keyboard, enter the 3-digit setup code for your TV brand. The LED on your keyboard blinks twice.
6. Point your keyboard *toward* the TV and test the **POWER**, **VOLUME**, and **MUTE** functions.
7. If these functions do not operate, repeat this procedure from step 1. Use the next setup code for your TV brand, if available.

Search the Code Library

If none of the listed TV codes work, you can enter a code that searches the library of codes. Your keyboard automatically selects the proper code for your TV.

Follow these steps if none of the codes listed for your TV brand work, or if your TV brand is not listed.

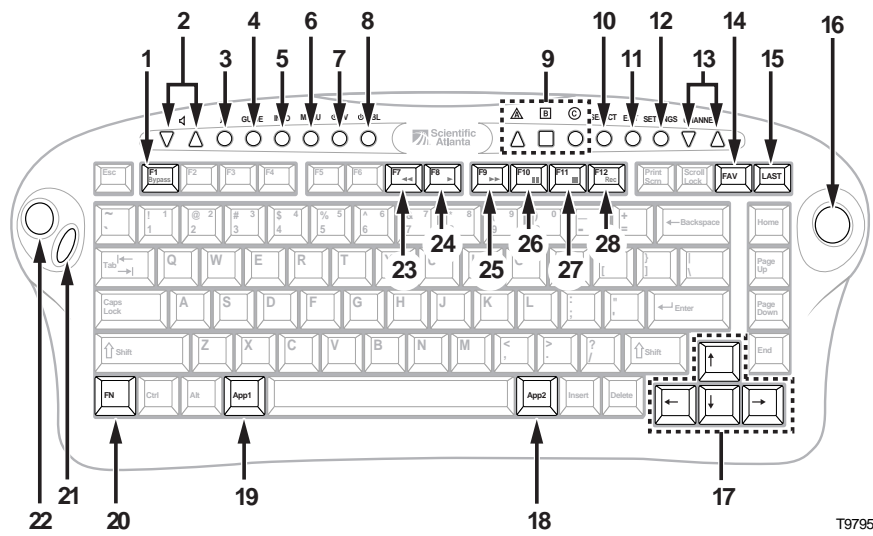
1. Make sure that the TV is turned on before you search the code library.
2. Point your keyboard *toward* the TV.
3. Press and hold **SELECT** and **TV Power** until the LED on your keyboard blinks twice.
4. Using the keys on your keyboard, press **991**. The LED blinks twice.
5. Press the **TV Power** key to try the first code.
6. Did the TV turn off?
 - If **yes**, press **SELECT**.
 - If **no**, press the **TV Power** key again to try the next code.
7. Confirm that the setup code is correct by pointing your keyboard *toward* the TV and testing the **POWER**, **VOLUME**, and **MUTE** functions.

Program for Volume Control

You can program your keyboard to control the volume and mute functions through either the TV or the DHCT. The default is to control the volume through the TV. Follow these steps to program your keyboard for volume control.

1. Point your keyboard *away* from the DHCT and the TV.
2. Press and hold **SELECT** and **CBL Power** until the LED on your keyboard blinks twice.
3. Using the keys on your keyboard, press **993**. The LED blinks twice.
4. Press either **TV Power** or **CBL Power** to indicate which device you will use to control the Volume and Mute keys. The LED blinks twice.
5. Point your keyboard *toward* the TV or DHCT and press the **VOL+** and **VOL-** keys to confirm that the correct device adjusts the volume.

Quick Reference



- | | |
|--|--|
| 1 Controls the bypass option | 8 Turns DHCT power on and off |
| 2 Adjusts volume | 9 Activates on-screen choices |
| 3 Mutes sound | 10 Activates the highlighted screen item |
| 4 Displays Interactive Program Guide, if applicable | 11 Returns to program |
| 5 Displays channel information | 12 Displays Quick Settings and Settings menus |
| 6 Reserved for future use | 13 Selects channel, up or down |
| 7 Turns television power on and off | 14 Views favorite channels |

- | |
|---|
| 15 Returns to last channel viewed |
| 16 Moves mouse pointer or on-screen cursor |
| 17 Highlights interactive screen choices |
| 18 Activates application 2 (function determined by cable service provider) |
| 19 Activates application 1 (function determined by cable service provider) |
| 20 Provides access to secondary functions on keys F1 through F12 |
| 21 Provides secondary mouse button functions |
| 22 Provides primary mouse button functions |
| 23 Rewinds VOD |
| 24 Plays VOD |
| 25 Fast-forwards VOD |
| 26 Pauses VOD |
| 27 Stops VOD |
| 28 Records program, if applicable |

Operation Tips

The keyboard is designed for trouble-free home use and requires very little maintenance. Your keyboard has no user-serviceable parts and must be returned to your cable service provider for any repairs.

The following tips may help you diagnose the situation before you contact your cable service provider. If your situation is not listed, contact your cable service provider.

Keyboard does not work

- Make sure that the batteries in your keyboard are alkaline and still charged. If the LED stays on for more than 10 seconds when you press a key, the batteries are weak and should be replaced.
- Point your keyboard directly toward the DHCT when using your keyboard.
- Make sure that there are no objects blocking the signal path from your keyboard to the TV, such as a table.
- See **Programming the Keyboard** to make sure that your keyboard is programmed correctly.

After entering your TV code, the power or volume does not work

- Try other codes for your TV brand in the **TV Setup Codes** table; then, try to search for a valid code. See **Searching the Code Library** for more information.
- See **Programming the Keyboard** to make sure that your keyboard is programmed correctly.

The Explorer Club

The Explorer Club is an online club that provides news about the Explorer DHCT and offers you a chance to win prizes and other premium items. You can access the Explorer Club on the Internet at www.scientificatlanta.com. Then, click **Explorer user? Join the Explorer Club** and follow the instructions.

Proper Use of the Keyboard

Continuous Use

Some studies have suggested that long periods of typing, improper work environment, incorrect work habits, or problems in your personal health may be linked to injuries. These injuries include carpal tunnel syndrome, tendinitis, tenosynovitis, and other conditions.

WARNING:

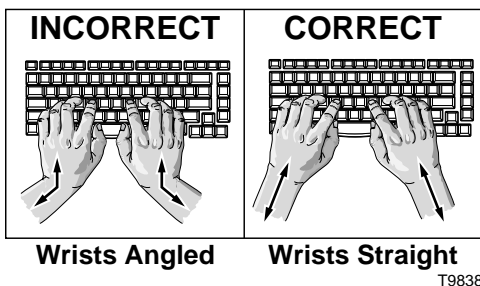
Continuous use of a keyboard may cause Repetitive Stress Injuries or related injuries. Please read the important information in this guide to reduce your risk of injury. If you experience any aching, numbing, or tingling in your arms, wrists, hands, or fingers you should promptly consult a qualified health professional.

Comfort Guidelines

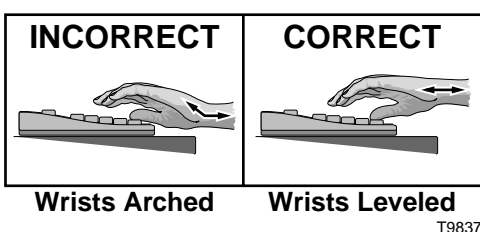
The following guidelines may reduce straining your arms, wrists, and hands when typing. Also review illustrations in this section for correct and incorrect positioning of arms, wrists, and hands.

Refer to the following guidelines when using your keyboard:

- Position your elbows near your body in a relaxed posture.
- Keep your thumbs and fingers in a relaxed natural position.
- Maintain a straight wrist position.



- Avoid resting your hands on the table while typing; add a wrist support.
- Avoid bending, arching, or angling your wrists.
- Use a light touch when pressing the keyboard keys.



TV Setup Codes

Enter all three digits to program the TV setup code.	Envision-005	Mitsubishi-003, 013, 015, 021	Scotch-021
TV Brand-Codes	Fisher-016	Motorola-013	Scott-003, 021, 022, 023, 024
Admiral-013, 028	Fujitsu-022, 032	MTC-003, 005, 009, 010	Sears-000, 006, 009, 016, 017, 020, 021, 022
Aiko-012	Funai-020, 022, 023	Multitech-019, 023	Semivox-023
Akai-005	Futuretech-023	NAD-017, 021	Semp-017
Alaron-022	GE-004, 006, 007, 013, 013, 021, 026, 027, 034, 036	NEC-003, 005, 009	Sharp-013, 018, 031
Ambassador-020	Gibrater-002, 003, 005	Nikko-005, 005, 012, 021	Shogun-003
American Action-023	GoldStar-003, 005, 005, 009, 021	NTC-012	Signatur-001
Anam-023, 008	Gradiente-008, 009	Onwa-023	Sony-001, 042
AOC-003, 005, 023	Graig-023	Optimus-016, 019, 025	Sounddesign-021, 022, 023
Audiovox-012, 023, 027, 029	Grunpy-022, 023	Optonica-013, 018	Squareview-020
Aventura-005	Hallmark-021	Orion-022, 024, 028	SSS-003, 023
Baysonic-023	Harley Davidson-022	Panasonic-007, 025	Starlite-023
Belcor-003	Harmon/Kardon-000	Penney-003, 004, 005, 006, 007, 009, 010, 017, 021, 036	Supre-Macy-005
Bell & Howell-001, 016	Harvard-023	Philco-000, 003, 005, 014, 028	Supreme-001
Bradford-023	Headquarter-005	Philips-000	Sylvania-000, 005
Brocksonic-024, 028	Hitachi-009, 014	Pioneer-019, 031	Symponic-020
Brockwood-003	Infinity-000	Portland-003, 012	Tandy-013
Candle-005, 005, 007, 009	Inteq-002	Prism-007	Tatung-008
Carnivale-005	Janeil-005	Proscan-006	Technics-007, 025
Carver-000	JBL-000	Proton-021	Technol Ace-022
Celebrity-001	JVC-008, 043	Pulsar-002, 003	Techwood-007, 009
Cineral-012, 027	KEC-023	Quasar-007, 018, 025	Teknika-000, 001, 003, 009, 010, 012, 015, 022, 023
Citizen-005, 005, 009, 010, 012	Kenwood-003, 005	Radio Shack-003, 005, 006, 009, 016, 018, 021, 023	Telefunken-009
Concerto-009	Kloss-005	Toshiba-010, 016, 017, 040, 041	Thomson DTC100-039
Contec-023	KTV-005, 023	Vector Research-005	TMK-009, 020, 021
Crosley-000	LG-009	Victor-008	Toshiba-010, 016, 017, 040, 041
Crown-023	Logik-001	Vidikron-000	Toshiba-010, 016, 017, 040, 041
Curtis Mathes-000, 001, 005, 006, 007, 009, 010, 013, 014, 016, 019, 027, 034, 036	Luxman-009	Vidtech-003, 021	Toshiba-010, 016, 017, 040, 041
CXC-023	LXI-000, 006, 016, 017, 021	Viking-005	Vector Research-005
Daewoo-003, 012, 027, 029, 030	Magnavox-000, 005, 022	Wards-000, 001, 003, 004, 005, 009, 018, 021, 022	Westinghouse-028, 029, 030
Daytron-003	Majessti-001	White	Westinghouse-028, 029, 030
Denon-014	Marantz-000, 005	White	Yamaha-003, 005
Dumont-002, 003	Matsushita-025	White	Zenith-001, 002, 012, 028
Electroband-001	Megatron-014, 021	White	
Emerson-003, 016, 020, 021, 022, 023, 024, 026, 028, 029, 030	Memorex-001, 009, 015, 016, 021, 025, 028	White	
	MGA-003, 005, 015, 021	White	
	Midland-002, 006, 007	White	
	Minutz-004	White	