



Changing Entertainment. Again.



product owner's manual

safety
remote control use
keyboard use
printer information
warranty



IMPOR TANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord indicated in this manual.

SAVE THESE INSTRUCTIONS

Contents

Safety information

Regulations and Information	1
Radio Interference Information	2
Industry Canada Notice	2
Radio Frequency Interference	2
Important Safeguards	3

Using the remote control

Inserting batteries	6
Programming the remote control	6
Find out if you need to program the remote control	6
How to program the remote control	6
Using Automatic Code Search	6
Using Direct Entry	7
How to use the remote after you've programmed it	7
Programmable Codes for the remote control	8
A quick tour of the remote control	11

Using the keyboard

Inserting batteries into the wireless keyboard	12
Pointing the wireless keyboard	12
Keyboard features & functions	12
Programming the wireless keyboard to control your TV	13
Keyboard troubleshooting	13
Programmable Codes for the keyboard	14

Printer information

What you need to print	15
Compatible printers	15
How to print	15
Printer troubleshooting	15

RCA WebTV Limited Warranty

What your warranty covers	16
For how long after your purchase	16
What we will do	16
How you get your unit repaired	16
What your warranty does not cover	17
Product registration	17
How state law relates to warranty	17

RCA WebTV Canadian Limited Warranty

What your warranty covers	18
For how long after your purchase	18
What we will do	18
How you get your unit repaired	18
What your warranty does not cover	19
Product registration	19
How provincial law relates to warranty	19

Regulations and Information

This equipment complies with Part 68 of the FCC Rules. The FCC Part 68 Label is located on the bottom of the enclosure. This label contains the FCC Registration Number for this equipment. If requested, this information must be provided to your telephone company.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

Connection to the telephone network should be made by using standard modular telephone jacks, type RJ11C. The RJ11C plug and/or jacks used must comply with FCC Part 68 rules. If this telephone equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance in order for you to make necessary modifications to maintain uninterrupted service.

This equipment may not be used on coin service provided by the telephone company.

Connection to party lines is subject to state tariffs.

If trouble is experienced with this unit, please contact customer service at the address and phone number listed below. **DO NOT DISASSEMBLE THIS EQUIPMENT.** It does not contain any user-serviceable components. If the equipment is causing harm to the network, the telephone company may request that you disconnect this equipment from the telephone network until the problem is resolved.

Attn: Customer Service Dept.

Thomson Consumer Electronics

11721-B Alameda Avenue

Socorro, TX 79927

Ph: 1-800-722-9599

Radio Interference Information

CAUTION: Changes or modifications to this equipment not expressly approved by Thomson Consumer Electronics, Inc., could void the user's authority to operate this equipment.

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

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

Compliance with FCC rules requires that shielded cables be used to connect with other equipment.

Industry Canada Notice

NOTICE: The Industry Canada label identifies certified equipment. This certification means the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

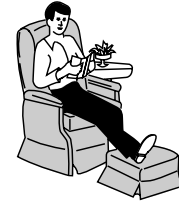
NOTICE: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals to be connected to a telephone interface. The termination on an interface may consist of any number combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five (5.0).

Radio Frequency Interference

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Important Safeguards

For your protection, please read all these instructions regarding your WebTV Receiver and retain for future reference. Follow all warnings and instructions marked on the WebTV Receiver.



1. Read Instructions

All the safety and operating instructions should be read and understood before the appliance is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions

All operating and use instructions should be followed.

5. Placement of the WebTV Receiver

Do not place the WebTV Receiver in an unstable area where it might fall and cause injury or serious damage to the WebTV Receiver.

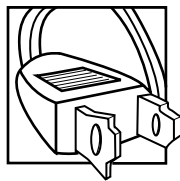
6. Ventilation

The slots and openings on the WebTV Receiver are provided for ventilation and reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

7. Heat

The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

8. Grounding or Polarization



The power supply of this Receiver is equipped with a polarized AC power cord plug — a plug with one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician to have a suitable outlet installed. Do not defeat the safety purpose of the polarized plug.

9. Power-Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.

10. Non-use Periods

Always turn the WebTV Receiver off when it is not to be used. The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

11. Object and Liquid Entry

Never push objects of any kind into the WebTV Receiver through the cabinet slots, as these objects may touch dangerous voltage points or short out parts that could result in a fire or electrical shock. Never spill liquid of any kind on the WebTV Receiver. Never push objects of any kind, including liquid, into the Smart Card reader slot other than a compliant Smart Card. Never push objects of any kind, including liquid, into any of the connectors on the back of the WebTV Receiver other than what is specified in this manual.

12. Damage Requiring Service

The appliance should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped, or the enclosure damaged.

13. Servicing

The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



This symbol is to alert you to important operating and servicing instructions that may appear in your owner's manual. When using your telephone equipment, always follow these basic safety precautions in order to reduce the risk of fire, electrical shock, and injury to persons.

14. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners; use a damp cloth for cleaning. If the product comes in contact with any liquid, unplug the phone line and the power adapter and let the unit dry thoroughly before plugging it back in.

15. Power Sources

This product should be operated only from the type of power source indicated on the marking label or in the owner's manual. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

16. Overloading

Do not overload wall outlets and extension cords, as this can result in the risk of fire or electrical shock.

**17. Servicing**

To reduce the risk of electrical shock, do not disassemble this product, but take it to a qualified serviceman when service or repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when this product is subsequently used.

18. Conditions requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a) when the power supply cord or plug is damaged or frayed; b) if liquid has spilled into the product; c) if the product has been exposed to rain or water; d) if the product does not operate normally when you follow the operating instructions (adjust only those controls that are discussed in the owner's manual, as improper adjustment of other controls may result in damage, often requiring extensive work by a qualified technician to restore the product to normal performance); e) if the product has been dropped or the cabinet has been damaged; f) if the product exhibits a distinct change in performance.

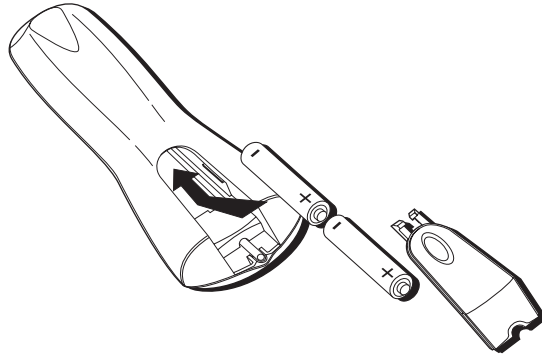
19. When Not in Use

Always turn the WebTV Receiver off when it is not to be used.

Using the remote control

You can use the remote control or the wireless keyboard to go through the menu screens necessary to set up the Internet Receiver.

Inserting batteries



- 1 Remove the battery compartment cover from the remote control.
- 2 Insert batteries (included) as shown on the diagram inside the battery compartment.
- 3 Replace the battery compartment cover.

Programming the remote control

The universal remote control that came with your Internet Receiver is already programmed to operate the Internet Receiver and most RCA, GE, and ProScan TVs, VCRs, DVD players, laserdisc players, and satellite receivers. This remote control is also capable of operating many other brands of remote-controllable electronic components, but you must program it to do so.

Find out if you need to program the remote control

Your universal remote control is already programmed to operate your Internet Receiver. To determine whether the remote control needs to be programmed to operate other components, turn on one of your components, such as a VCR. Point the remote control at the component and press the component button (for example, the **VCR** button). Now press the **ON•OFF** button on the remote control. If the component doesn't turn off, you need to program the remote control in order for it to operate that component.

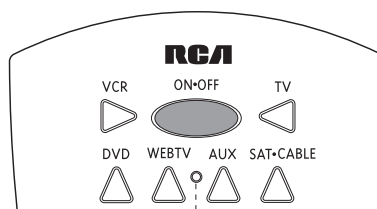
How to program the remote control

There are two ways to program the remote control: automatic code search and direct entry.

Using Automatic Code Search

- 1 Turn on the component you want the remote control to operate (VCR, etc.)
- 2 Press and hold the component button that corresponds to the component you want the remote control to operate (VCR, etc.). While you hold down the component button, press and hold **ON•OFF** (when the red light on the remote control turns on, release both buttons).
- 3 Press **PLAY** (the red light on the remote control starts flashing).

The remote control is searching the first set of component codes (there are several sets of codes). If the component you want to operate doesn't turn off automatically after 5 seconds, press **PLAY** again (the red light starts flashing again as the remote control searches through the next set of codes).



Device buttons

These are the buttons you use when you're programming the remote control to operate another component. **Note:** The DVD button is not programmable.

Continue pressing **PLAY** until the component turns off.

Note: If the component doesn't turn off after you've pressed the **PLAY** button 20 times, the remote control can't be programmed to work with that component.

- 4 Press **REVERSE** and wait 2 seconds. Repeat this step until the component turns back on.
- 5 To finish, press and hold the **STOP** button until the red light on the remote control turns off.

Tip

To stop the automatic code search without programming any components, press and hold

HOME•CLEAR until the light on the remote control turns off.

Using Direct Entry

- 1 Turn on the component you want the remote control to operate.
- 2 Look up the brand and code number(s) for the component on the code list on the following pages.
- 3 Press and hold the component button that corresponds to the component you want the remote control to operate (VCR, etc.).
- 4 Enter the code from the code list.
- 5 Release the component button.
- 6 Press **ON•OFF** to see if the component responds to the remote control commands. If it doesn't, try pressing the component button and then **ON•OFF** again.
- 7 If you get no response, repeat these steps using the next code listed for your brand until the component responds to the remote control commands.

Note: The **AUX** button can only be programmed using the Direct Entry method.

Tip

Point the remote control at the component you want to operate so the remote control's signal can communicate with the remote-control sensor on the component. For example: If you put the remote control in VCR mode, point it at the VCR, not the TV.

How to use the remote control after you've programmed it

Once the remote control has been programmed successfully, you're ready to use it to operate other components.

- 1 Press the component button (**TV**, **WebTV**, **VCR**, **AUX**, or **SAT•CABLE**) to set the remote control to operate that component.
- 2 Press **ON•OFF** to turn the component on or off.
- 3 Use the remote control buttons that apply to that component.

Note: If you keep pressing buttons and nothing happens, the remote control is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press **VCR** on the remote control to put the remote control in VCR mode).

Tip

The buttons might operate differently for other components, especially when you're using another component's menu system.

Programmable Codes for the remote control

VCR

Admiral 2131
 Adventura 2026
 Aiko 2027
 Aiwa 2002, 2026
 Akai 2003, 2004, 2005, 2007
 2008, 2111, 2112, 2113
 American High 2021
 Asha 2013
 Audio Dynamics 2009, 2010
 Audiovox 2014
 Beaumark 2013
 Bell & Howell 2011
 Broksonic 2012, 2025
 Calix 2014
 Candle 2013, 2014, 2015
 2016, 2017, 2018, 2019
 Canon 2021, 2022, 2114
 Capehart 2020, 2110
 Carver 2062
 CCE 2027, 2061
 Citizen 2013, 2014, 2015
 2016, 2017, 2018, 2019, 2027
 Colortyme 2009
 Colt 2061
 Craig 2013, 2014, 2023, 2061
 Curtis-Mathes 2000, 2002
 2009, 2013, 2016, 2018, 2021
 2022, 2024, 2115
 Cybernex 2013
 Daewoo 2015, 2017, 2019
 2025, 2026, 2027, 2028, 2110
 Daytron 2110
 Dbx 2009, 2010
 Dimensia 2000
 Dynatech 2002, 2026
 Electrohome 2014, 2029
 Electrophonic 2014
 Emerson 2002, 2012, 2014
 2015, 2021, 2024, 2025, 2026
 2029, 2030, 2032, 2033, 2034
 2035, 2036, 2037, 2038, 2039
 2040, 2041, 2042, 2044, 2045
 2047, 2065, 2105, 2113, 2116
 2117, 2130
 Fisher 2011, 2023, 2048
 2049, 2050, 2051, 2052, 2118
 Fuji 2021, 2119
 Funai 2002, 2026
 Garrard 2026
 GE 2000, 2001, 2013
 2021, 2022, 2053, 2115, 2120
 Goldstar 2009, 2014, 2018
 2054, 2121

Gradiente 2026
 Harley Davidson 2026
 Harman Kardon 2009
 Harwood 2061
 Headquarter 2011
 HI-Q 2023
 Hitachi 2002, 2055, 2056
 2057, 2107, 2111, 2120, 2122
 Instant Replay 2021
 JCL 2021
 JC Penney 2009, 2010, 2011
 2013, 2014, 2021, 2022
 2055, 2056, 2058, 2059
 2060, 2107, 2118
 Jensen 2055, 2056, 2111
 JVC 2009, 2010, 2011
 2018, 2058, 2111, 2123
 Kenwood 2009, 2010, 2011
 2016, 2018, 2058, 2111, 2123
 KLH 2061
 Kodak 2014, 2021
 Lloyd 2002, 2026
 Logik 2061
 LXI 2014
 Magnavox 2021, 2022, 2062
 2063, 2104, 2108, 2124
 Magnin 2013
 Marantz 2009, 2010, 2011
 2016, 2018, 2021, 2058
 2062, 2064
 Marta 2014
 Masushita 2021
 MEI 2021
 Memorex 2002, 2011, 2013
 2014, 2021, 2023, 2026
 2104, 2131
 MGA 2029, 2065, 2113
 MGN Technology 2013
 Midland 2053
 Minolta 2055, 2056, 2107
 Mitsubishi 2029, 2055, 2056
 2065, 2066, 2067, 2069, 2070
 2071, 2072, 2073, 2074, 2106
 2113, 2123
 Montgomery Ward 2075, 2131
 Motorola 2021, 2131
 MTC 2002, 2013, 2026
 Multitech 2002, 2013, 2016
 2026, 2053, 2061
 NEC 2009, 2010, 2011
 2016, 2018, 2058, 2064
 2076, 2078, 2079, 2111, 2123
 Nikko 2014
 Noblex 2013
 Olympus 2021

Optimus 2014, 2131
 Optonica 2096
 Orion 2035
 Panasonic 2021, 2022, 2109
 2125, 2126, 2127
 Pentax 2016, 2055, 2056
 2107, 2120
 Pentex Research 2018
 Philco 2021, 2022, 2062, 2063
 Philips 2021, 2062, 2096, 2124
 Pilot 2014
 Pioneer 2010, 2055, 2080
 2081, 2123
 Portland 2016, 2017, 2019
 2110
 PROSCAN 2000, 2001
 Protec 2061
 Pulsar 2104
 Quarter 2011
 Quartz 2011
 Quasar 2021, 2022, 2125
 Radio Shack/Realistic 2002, 2011
 2013, 2014, 2021, 2022, 2023,
 2026, 2029, 2049, 2050, 2096, 2131
 Radix 2014
 Randex 2014
 RCA 2000, 2001, 2003
 2013, 2021, 2055, 2056
 2082, 2083, 2084, 2085, 2086
 2087, 2088, 2089, 2090, 2091
 2107, 2115, 2120, 2125
 Ricoh 2128
 Runco 2104
 Samsung 2005, 2013, 2015
 2033, 2053, 2112
 Sanky 2104, 2131
 Sansui 2010, 2092, 2111, 2123
 Sanyo 2011, 2013, 2023
 Scott 2012, 2015, 2025
 2032, 2035, 2038, 2065
 2093, 2116
 Sears 2011, 2014, 2021
 2023, 2048, 2049, 2050, 2051
 2055, 2056, 2107, 2118
 Sharp 2002, 2017, 2029
 2094, 2095, 2096, 2131
 Shintom 2004, 2056, 2061, 2098
 Shogun 2013
 Signature 2002, 2131
 Singer 2021, 2061, 2128
 Sony 2002, 2004, 2098, 2099
 2119, 2128
 STS 2021, 2107
 Sylvania 2002, 2021, 2022
 2026, 2062, 2063, 2065, 2124

Programmable Codes for the remote control (continued)

Symphonic 2002, 2026
Tandy 2002, 2011
Tashiko 2014
Tatung. 2058, 2111
TEAC 2002, 2026, 2058
2085, 2111
Technics 2021, 2109
Teknika 2002, 2014, 2021
2026, 2100, 2129
TMK 2013, 2024, 2047
Toshiba 2015, 2049, 2051
2055, 2065, 2093, 2116
ToteVision. 2013, 2014
Unitech. 2013
Vector Research. . 2009, 2010, 2015
2016
Victor 2010
Video Concepts 2009, 2010
2015, 2016, 2113
Videosonic 2013
Wards 2002, 2013, 2014
2015, 2021, 2023, 2026
2029, 2055, 2056, 2061
2096, 2101, 2102, 2103
2107, 2116, 2131
XR-1000 2021, 2026, 2061
Yamaha 2009, 2010, 2011
2018, 2058, 2114
Zenith 2004, 2098, 2101
2119, 2128

Cable Box

ABC. 5002, 5003, 5004
5005, 5006, 5007, 5053
Antronix. 5008, 5009
Archer 5008, 5009, 5010, 5011
Cabletenna 5008
Cableview. 5008
Century 5011
Citizen 5011
Colour Voice. 5012, 5013
Comtronics. 5014, 5015
Contec 5016
Eastern 5017
Garrard. 5011
GC Electronics 5009
Gemini 5018, 5019, 5049
General Instrument 5003
Hamlin 5020, 5021, 5022
5035, 5045
Hitachi 5003
Hytex 5002
Jasco 5011
Jerrold. 5003, 5005, 5007
5018, 5023, 5024, 5046, 5053

Magnavox. 5025
Memorex 5026
Movie Time 5002, 5027, 5028
NSC. 5002, 5027, 5028
Oak 5002, 5016, 5029
Panasonic 5048, 5052
Paragon 5026
Philips 5011, 5012, 5013
5019, 5025, 5030, 5031, 5032
Pioneer 5033, 5034
Pulsar 5026
RCA. 5047, 5049, 5052
Realistic. 5009, 5049
Regal. 5022, 5035
Regency 5017
Rembrandt 5003
Runco 5026
Samsung 5014, 5034
Scientific Atlanta 5006
5036, 5037, 5038
Signal 5014, 5018
Signature 5003
SL Marx 5014
Sprucer 5052
Starcom. 5007, 5018, 5053
Stargate. 5014, 5018
Starquest. 5018
Tandy 5040
Televue 5014
Tocom. 5004, 5023, 5041
Toshiba 5026
Tusa 5018
TV86 5027
Unika 5008, 5009, 5011
United Artists. 5002
United Cable 5053
Universal . . 5008, 5009, 5010, 5011
Videoway 5044
Viewstar 5015, 5025
5027, 5040
Zenith 5026, 5050, 5051

Satellite Receiver

Chapparral.....	5056, 5057
Drake	5058, 5059
GE.....	5000, 5001
General Instruments	5060 5061, 5062
Panasonic.....	5075
Primestar	5076
PROSCAN	5000, 5001
RCA	5000, 5001
Realistic	5063

Sony	5072
STS1	5064
STS2	5065
STS3	5066
STS4	5067
Toshiba	5068, 5073
Uniden	5069

Audio

For RCA and Dimensia brands only

AM/FM	4003
Aux.....	4004
Phono.....	4005
CD	4007
Tape	4006

TV

Abex	1172
Admiral	1001
Aiko	1016
Akai	1002
Alleron	1046
Amtron.	1038
Anam National.	1003, 1038
AOC	1004, 1005, 1006, 1007
Audiovox	1038
Belcor	1004
Bell & Howell	1001, 1162
Bradford	1038
Brokwood.	1004
Candle.	1004, 1006, 1008
Celebrity.	1002
Citizen.	1004, 1006, 1008 1016, 1038, 1105, 1171
Colortyme.	1004, 1006
Concerto	1004, 1006
Contec/Cony.	1012, 1013 1014, 1038
Craig	1038
Crown	1038, 1171
Curtis Mathes	1000, 1004 1006, 1015, 1105, 1162, 1171
CXC	1038
Daewoo	1004, 1005, 1006 1016, 1017, 1018, 1127, 1171
Daytron	1004, 1006, 1171
Dimensia	1000
Dumont	1004, 1151
Electroband	1002
Electrohome	1003, 1004 1006, 1019, 1022

Programmable Codes for the Remote Control (continued)

TV (continued)

TV (continued)	Marantz	1004, 1006, 1062	1012, 1015, 1019, 1104	
Emerson	Megatron	1006, 1059	1105, 1106, 1171, 1172	
1024, 1025, 1026, 1027, 1028	Memorex	1001, 1006	Samsux	1171
1029, 1030, 1031, 1032, 1033		1082, 1162	Sanyo	1004, 1048, 1049, 1050
1034, 1035, 1036, 1037, 1038	MGA	1004, 1005, 1006		1080, 1107, 1108, 1162, 1180
1039, 1041, 1042, 1043, 1044		1019, 1022, 1051, 1079	Scotch	1006
1046, 1047, 1123, 1124, 1162		1080, 1082	Scott	1004, 1006, 1012
1171, 1179	Midland	1054, 1151, 1171		1024, 1035, 1038, 1046
Envision		1172, 1181	Sears	1000, 1004, 1006
Fisher	Minutz	1052		1013, 1019, 1046, 1048, 1049
1051, 1162, 1180	Mitsubishi	1004, 1005, 1006		1050, 1051, 1066, 1071, 1072
Fujitso		1019, 1022, 1051, 1079		1109, 1110, 1162, 1180, 1181
1046		1080, 1081, 1082, 1125	Sharp	1004, 1006, 1012, 1029
Funai	Motorola	1003		1111, 1112, 1113, 1122, 1171
1038, 1046	MTC	1004, 1005, 1006, 1105	Shogun	1004
Futuretec	Multitech	1038	Signature	1001, 1115
1038	Multivision	1084	Simpson	1008
GE	NAD	1006, 1071, 1072	Sony	1002
1000, 1003, 1004	NEC	1003, 1004, 1005	Soundesign	1004, 1006, 1008
1006, 1022, 1052, 1054		1006, 1089		1038, 1046
1055, 1087, 1164, 1165	Nikko	1006, 1016	SSS	1004, 1038
1166, 1167, 1168, 1181	NTC	1016	Starlite	1038
Gibraltar	Onwa	1038	Supreme	1002
1004, 1151	Orion	1035	Sylvania	1004, 1006, 1008, 1019
Goldstar	Panasonic	1003, 1054		1062, 1068, 1069, 1074, 1075, 1076
1004, 1005, 1006		1062, 1170		1077, 1088, 1116, 1161, 1183, 1184
1012, 1019, 1056, 1057, 1058	Philco	1003, 1004, 1005	Symphonic	1033, 1038
1155, 1156, 1171, 1172		1006, 1008, 1012, 1019	Tatung	1003
Grundig		1062, 1068, 1069, 1074	Technics	1054
1038, 1046, 1171		1075, 1077, 1183, 1184	Techwood	1004, 1006, 1054
Hallmark	Philips	1003, 1004, 1008	Teknika	1004, 1005, 1006
1004, 1006		1012, 1019, 1062, 1068		1008, 1012, 1013, 1016, 1038
Harvard		1069, 1074, 1075, 1076		1046, 1076, 1082, 1083, 1105
1038		1086, 1087, 1088, 1089		1170, 1171
Hitachi	Pilot	1004, 1171	Telecaption	1117
1004, 1006, 1012	Pioneer	1004, 1006, 1090	TMK	1004, 1006
1013, 1059, 1060, 1061, 1135		1091, 1092, 1179	Toshiba	1049, 1071, 1072
1136, 1137, 1138, 1139, 1140	Portland	1004, 1005, 1006		1089, 1105, 1109, 1117
1141, 1142, 1143, 1144, 1145		1016, 1171		1118, 1160, 1162
1146, 1148, 1150, 1179	Price Club	1105	Totevision	1171
Ima	Prism	1054	Universal	1052, 1087
1038	PROSCAN	1000, 1181	Victor	1066
Infinity	Proton	1004, 1006, 1012	Vidtech	1004, 1005, 1006
1062	Pulsar	1151	Wards	1000, 1001, 1004
JBL	Pulser	1004		1005, 1006, 1019, 1024, 1033
1062	Quasar	1003, 1054, 1070, 1094		1046, 1052, 1062, 1069, 1074
JCB	Radio Shack/Realistic	1000		1075, 1076, 1083, 1087, 1088
1002		1004, 1006, 1012, 1038, 1049		1095, 1119, 1120, 1184
JC Penney		1162, 1171, 1172	Yamaha	1004, 1005, 1006, 1019
1000, 1004, 1005	RCA	1000, 1003, 1004, 1005, 1006,	Zenith	1004, 1151, 1152
1006, 1008, 1022, 1052, 1054		1007, 1019, 1096, 1098, 1099,		1153, 1154
1058, 1063, 1064, 1072, 1087		1100, 1101, 1102, 1103, 1129,		
1105, 1128, 1171, 1172, 1181		1179, 1181, 1187, 1188, 1190		
Jensen	Runco	1151		
1004, 1006	Sampo	1004, 1006, 1171, 1172		
1012, 1013, 1054	Samsung	1004, 1005, 1006		
1060, 1065, 1066, 1067				
1089, 1157, 1158, 1159				
Kawasho				
1002, 1004, 1006				
Kenwood				
1004, 1006, 1019				
Kloss Novabeam				
1068				
1069, 1183				
KTV				
1038, 1070, 1171				
Loewe				
1062				
Luxman				
1004, 1006				
LXI				
1000, 1006, 1049				
1062, 1071, 1072, 1073				
1162, 1181				
Magnavox				
1004, 1006, 1008				
1019, 1062, 1068, 1069, 1074				
1075, 1076, 1077, 1088, 1089				
1130, 1131, 1132, 1133, 1134				
1183, 1184				

A quick tour of the remote control

In alphabetical order

ANTENNA If your TV has two different antenna inputs on the back (labeled ANT A and ANT B) you can connect more than one antenna or signal source (such as DBS). The **ANTENNA** button switches from one input to another (GE, RCA, and ProScan TVs only).

Arrows and OK Use the arrows to highlight items on the menu screen, and to highlight selectable links when surfing the Web. Press **OK** on the remote control or **Return** on the keyboard to select a highlighted item.

AUX (auxiliary) You can program this button to control any one of the following: a cable box; most RCA, GE, and ProScan audio components; a laserdisc player; a VCR; a TV; or a satellite receiver. Press this button to operate the component you've programmed to work with the **AUX** button.

BACK Returns you to the preceding screen.

CH+ / CH- Changes channels.

HOME • CLEAR In WebTV mode, takes you back to Web Home. In TV, VCR, DVD, and SAT mode (GE, RCA, and ProScan components only), it clears menus from the screen and returns you to normal viewing.

INFO Gives additional information (such as web page details for a Web site).

INPUT Selects the video inputs.

MENU • OPTIONS Brings up menus in TV, VCR, and SAT mode (GE, RCA, and ProScan components only). In WebTV mode, brings up and removes the Options Panel.

MUTE Reduces sound to an inaudible level.

Numbers Use the number keys to make numerical entries.

ON • OFF Toggles power on and off for the components that you have programmed.

RECENT Displays the most recently viewed Web pages when you are on-line.

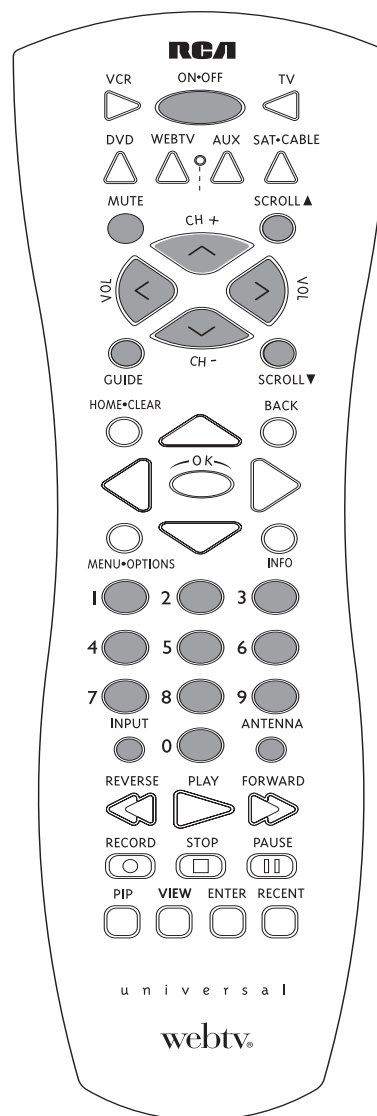
REVERSE, PLAY, FORWARD, STOP, PAUSE, RECORD Use with components programmed to work with your remote control (VCR, DVD player, audio components).

SCROLL UP / DOWN In WebTV mode, scrolls up/down web pages.

VCR, WEBTV, DVD, SAT • CABLE, TV These are the component buttons used to put the remote control into the correct mode to operate that particular component.

VOL > / VOL < Adjusts the volume.

GUIDE, ENTER, PIP and VIEW These buttons do not affect your Internet Receiver.

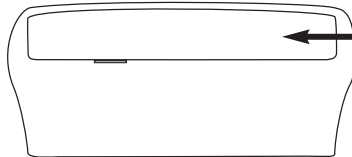


Using the keyboard

In addition to letting you type, the keyboard performs many of the same functions as the remote control. You will need to insert batteries into your wireless keyboard.

Inserting batteries into the wireless keyboard

- 1 Remove the battery compartment door.
- 2 Insert four AA batteries (included) inside the battery compartment.
- 3 Replace the battery compartment door.



insert batteries into the battery compartment on the bottom of wireless keyboard

Pointing the wireless keyboard

The wireless keyboard should be used within 25 feet of the TV, and for best results, at no more than a 45° angle. Remember that the keyboard works on line of sight, so if there are any obstructions between the keyboard and the TV, it will seem like the keyboard isn't functioning correctly.

Keyboard features & functions



In alphabetical order

Arrows and RETURN Use the arrows to highlight items on the menu screens, and to highlight selectable links when surfing the Web. Press **RETURN** to select a highlighted item.

BACK Returns you to the preceding screen.

CHANNEL -/CHANNEL+ When the **TV/WEBTV** switch is in the TV position, switches channels on the TV.

CODE SET Programs your keyboard to control your TV.

EDIT Activates the cursor within a text field.

F1-F7 Displays the Favorites folders to which you have assigned shortcut keys. Go to Favorites to assign shortcuts.

FAVS Takes you directly to your Web Favorites list when you are on-line.

FIND Searches for a word or phrase within the currently displayed Web page or e-mail.

GO TO Displays the URL entry toolbar so that you can type in a URL to "go to" that Web page.

HOME Takes you back to your home page.

INFO Gives additional information (such as web page details for a Web site).

INPUT Cycles through the video inputs on your TV.

MAIL Displays the e-mail screen.

MUTE Reduces sound to an inaudible level.

OPTION Displays the *Options Panel*, which contains functions that apply to the displayed screen.

RECENT Displays the most recently viewed Web pages when you are on-line.

RETURN Activates a command or accesses a highlighted link.

SAVE Adds the current Web page to your Favorites list.

SCROLL UP ↑ *and* **SCROLL DOWN** ↓ Scrolls up and down through Web content one page at a time.

SEARCH Takes you to the search tool.

SEND Displays the e-mail screen with the current Web page URL entered as part of the message.

TV Turns the TV on and off.

TV/WebTV When the switch is on TV, changes channels on the TV.

VOLUME -/+ Adjusts the volume.

WebTV Turns the Internet Receiver on and off.

Programming the wireless keyboard to control your TV

You will need to program the wireless keyboard to work with your TV. Use the following steps to program the keyboard.

- 1** Set the **TV/WebTV** switch to TV.
- 2** Find the 3-digit code for your TV from the Programmable Codes listed on the following page. If more than one code is listed for your brand of TV, use the one at the top of the list.
- 3** Press the **CODE SET** button.
- 4** Enter the 3-digit code.
- 5** Press the **RETURN** key.
- 6** Check to see if the code works. Aim the keyboard at your TV and press the **TV** power button. If the TV responds, try the **CHANNEL +/-** buttons. If the TV does not respond, try programming the keyboard with the other codes listed for your brand of TV.

Note: Your TV must have infrared (IR) remote control receiving capability in order to be used with the wireless keyboard.

Keyboard troubleshooting

If the wireless keyboard is not working properly, check the following:

- The wireless keyboard may need to be programmed. Program the wireless keyboard to work with your TV (see above).
- Make sure you're using the keyboard within 25 feet of the Internet Receiver or TV, at no more than a 45° angle.
- Make sure there is a clear line of sight between the keyboard and the TV or Internet Receiver.
- Make sure the batteries are inserted correctly.
- The batteries may be weak. Replace all batteries with new batteries. For best results, use alkaline batteries.
- Check for electrolyte leakage in the battery compartment. If leakage has occurred, wipe the affected area of the battery compartment with a clean, dry cloth. Replace the old batteries with new ones. When you don't plan to use the wireless keyboard for a long period of time, remove the batteries.
- If the channel keys aren't working, make sure the TV/WEBTV switch is in the TV position.

Programmable codes for the keyboard

Admiral 055, 109, 114, 2102	JC Penney 017, 020, 091, 092 102, 103, 107, 130	RCA/Proscan. . . 001, 006, 020, 061 066, 071, 087, 090, 102, 103 104, 105, 106, 107, 108
Akai. 006, 020, 103	JVC 016, 060, 128, 129	Samsung 001, 028, 029, 043 044, 048, 049, 051, 061, 081 088, 090, 092, 103, 112, 113 126, 127
Bell & Howell (Montgomery Ward) . . . 067, 109 114, 138	KTV. 103, 113, 123, 133, 134	Sanyo . 013, 062, 078, 080, 089, 125
Broksonic 103, 112	LXI (Sears) 008, 015, 061, 082 102, 103, 111, 112, 119, 125	Scott 001, 006, 019, 050 090, 112, 123
Centurion. 045, 112	Magnavox 006, 012, 017, 020 025, 061, 082, 088, 090 092, 098, 100, 103, 111 112, 113, 103	Sharp. 024, 025, 069, 085 088, 090, 113, 114, 115
Coronado 088, 090, 113	Marantz. . . 020, 082, 090, 094, 124	Signature 2000 (Montgomery Ward) . . . 006, 084 109 114
Craig. 007, 049, 050 120, 121, 122, 123	Mitsubishi. 001, 006, 019, 020 066, 073, 075, 080, 088, 095 103, 112, 124	Sony 101
Croslex 030, 111	NEC 001, 005, 006, 008 020, 025, 075, 103, 112	Sylvania. 001, 006, 012, 020 061, 082, 092, 098, 100 103, 111, 112
Curtis Mathes. 001, 006, 017 031, 020, 090, 103, 119, 123	Panasonic 058, 064, 072, 082 107, 116, 117, 118, 140	Symphonic 002, 006, 012, 020 090, 123, 139
Daewoo. 103, 135, 136	Philco 001, 008, 012, 020 050, 060, 061, 082, 088, 090 092, 098, 100, 103, 111, 113	Toshiba 008, 015, 075, 091 114, 119
Dayton 001, 006, 113, 020	Philips 001, 005, 006, 012 020, 057, 061, 082, 088, 090 092, 098, 111	Vidtech 006, 103, 112, 131
Emerson 001, 006, 015, 019 020, 023, 025, 030, 036, 050 055, 081, 083, 088, 090, 103 113, 120, 121, 122, 123	Pioneer . . . 026, 065, 118, 119, 137	Wards 001, 006, 017, 018 023, 036, 039, 050, 055, 064 078, 080, 088, 089, 090, 112 113, 103, 115
Fisher 008, 015 125 061, 080	Portland. . . 006, 088, 090, 103, 108	Zenith 006, 076, 084, 109, 110
General Electric 001, 006, 017 018, 019, 049, 050, 058, 061 072, 090, 102, 103, 107, 118	Quasar. 058, 072, 107, 118	
Goldstar 001, 010, 011, 027 037, 039, 040, 042, 088, 090 092, 099, 103, 112, 113, 130	Radio Shack . . . 025, 050, 090, 092 102, 112, 115, 123, 124	
Hitachi 006, 021, 022, 023 025, 070, 071, 077, 088, 090 103, 113, 131, 132		

Printer information

What you need to print

To print from your Internet Receiver, you will need a WebTV system-compatible printer and a parallel printer cable. When you plug the cable into the Internet Receiver, WebTV Networks will configure your printer for you.

Compatible printers

WebTV systems currently support most Hewlett-Packard and Canon printers. To find out which models are supported, do the following:

- From Web Home, select *Help* on the screen.
- Highlight the *Printer* option in the *Equipment* column and select it by pressing **RETURN** or **OK**.
- Highlight the *Detailed instructions* option and select it.
- Highlight the *Before you can print* option and select it.
- Highlight the *Compatible printers* option and select it.
- Highlight *continue* at the bottom of the page and select it.

The next two screens will list compatible printers, links to printer manufacturers' Web sites, and numbers to call to find out where to buy a compatible printer.

How to print

To print, press the **OPTIONS** key on the keyboard or the **MENU•OPTIONS** button on the remote control. Select the *Print* option from the on-screen menu.

The *Print* menu displays the following options:

PRINT - prints the entire page, whether all of it is visible on the screen or not.

PRINT SCREEN - prints only what is visible on the screen.

PRINTING OPTIONS - allows you to control how the page is printed. For example, you can specify that the text prints in black, include the date and Web info, or decide whether or not to print background images.

Printer troubleshooting

Your Internet Receiver doesn't use all of your printer's features. For example, your printer may be able to print at different resolutions, but your receiver can use only one of those resolutions.

Often pages get formatted using a printer's smaller fonts. Also, if you are in a WebTV system page, the sidebar on the left side of the page won't print.

When you choose the *Print Screen* option, the page is not reformatted so there will be fewer differences.

Below are some common printer problems and suggested solutions.

- **Printer not found** – If you have a compatible printer but still get this message, make sure your printer is plugged in and turned on. You may need to tell the WebTV system which printer you have. You can do this through the *Help* option on the Web Home page.
- **Cartridge missing** – Make sure the inkjet cartridges are firmly in place.
- **Printer off-line** – The printer is not paying attention to commands from your Internet Receiver. Push the on-line button on the printer to put the printer back on-line. Make sure the ink cartridges are firmly in place and that the cover is closed.
- **Can't use this cartridge** – This means you have installed a photo ink cartridge which WebTV can't use fully. Replace the photo ink cartridge with an ordinary cartridge.

RCA WebTV Limited Warranty

What your warranty covers:

- Any defect in materials or workmanship.

For how long after your purchase:

- 90 days - Unit exchange, which includes parts and labor.
- 91 days to 1 year - Unit exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

During the initial 90 days:

Exchange the defective portion of your Internet Receiver with a new or, at our option, refurbished unit.

After the 90 days and within one year:

Exchange the defective portion of your Internet Receiver with a new or, at our option, refurbished unit. We will charge you a flat exchange cost to replace a defective unit. This charge covers the labor cost for its repair.

How you get service:

- Call 1-800-722-9599 and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive a replacement unit you will be provided with a Return Authorization (RA) number and the location of a nearby exchange point if one exists. No returns will be accepted without the RA number.

Option 1:

- 1** Provide your Discover, MasterCard or Visa account number and expiration date to your phone representative. This is for security purposes only and your account will not be charged at this time.
- 2** We will send you a replacement unit.
- 3** If you return the unit to us within 14 days from the date you were provided an RA number, only items not covered by warranty will be charged to your account. If your unit is not received within 14 days, the suggested retail value of the unit will be charged to your credit card. This amount will be credited, less a \$10 handling fee, if the unit is subsequently received.
- 4** Ship your defective unit back to us using the replacement unit's carton. Shipping instructions will be included on the carton along with your RA number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:
 - Evidence of purchase date such as a bill of sale.
 - A brief note describing your unit's problem.
 - Your name, address and phone number.

Option II:

- 1** We will send a replacement unit to our exchange point.
- 2** The exchange location will notify you of its arrival.
- 3** Take your unit and evidence of purchase date, such as a bill of sale, to the exchange location and you will be provided the new or refurbished unit. Please retain all accessories such as the remote control hand unit.
- 4** If the repairs are covered by your warranty, you will not be billed.

Thomson assumes no responsibility for warranty shipments from the customer to the factory if not shipped in the manner prescribed by Thomson.

To receive a replacement unit after we have received your unit:

- Write the RA number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all accessories that were included with your unit such as the remote control hand unit.
- Include with the shipment:
 1. Evidence of purchase date such as a bill of sale.
 2. A brief note describing your unit problem.
 3. Your name, address and phone number.
- The representative will advise the address to mail a cashier's check or money order for payment if there are any out of warranty labor or parts charges, and you elect not to use your credit card.
- After we receive your product, a new or refurbished unit will be shipped to you.

What your warranty does not cover:

- Acts of God, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Loss of programming.
- Internet service access.
- Installation.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.
- Storage fees may be charged by the exchange point if you fail to pick up the replacement unit in a timely manner.

Product Registration:

- Please complete and mail the Product Registration Card packed with your product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

How state law relates to warranty:

- This warranty gives you specific legal rights and you may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. See your dealer for warranty information.

RCA WebTV Canadian Warranty

What your warranty covers

Any defect in materials or workmanship.

For how long after your purchase

- 90 days – Unit exchange, which includes parts and labor.
- 91 days to 1 year – Unit exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do

- **During the initial 90 days:**
Exchange the Internet Receiver unit with a new or, at our option, refurbished unit.
- **After the 90 days and within one year:**
Exchange the Internet Receiver unit with a new or, at our option, refurbished unit.

We will bill you a flat exchange charge to replace a defective unit. This charge covers the labor cost for its repair.

How you get service

- Call 1-800-722-9599 and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive a replacement unit you will be provided with a Return Authorization (RA) number and the location of a nearby exchange point if one exists. No returns will be accepted without the RA number.

To receive a replacement unit before you return yours:

- 1 Provide your Discover, MasterCard, or Visa account number and expiration date to your phone representative. This is for security purposes only and your account will not be charged at this time.
- 2 We will send you a replacement unit.
- 3 If you return the unit to us within 14 days from the date you were provided a Return Authorization number, only items not covered by warranty will be charged to your account. If your unit is not received within 14 days, the suggested retail value of the unit will be charged to your credit card. This amount will be credited if the unit is subsequently received.
- 4 Ship your defective unit back to us, excluding all accessories, using the replacement unit's carton. Shipping instructions will be included on the carton along with your RA number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:
 - Evidence of purchase date, such as a bill of sale, to verify your unit's warranty eligibility.
 - A brief note describing your unit's problem.
 - Your name, address and phone number.

Thomson assumes no responsibility of warranty shipments from the customer to the factory if not shipped in the manner prescribed by Thomson.

Return transportation, storage, handling, and insurance costs are your responsibility. We accept no responsibility in case of damage or loss.

To receive a replacement unit after we have received your unit:

- Write the RA number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all accessories that were included with your unit, such as the remote control hand unit.
- Include with the shipment:
 1. Evidence of purchase date, such as a bill of sale, to verify your unit's warranty eligibility.
 2. A brief note describing your unit's problem.
 3. Your name, address, and phone number.
- The representative will advise the address to mail a cashier's check or money order for payment if there are any out of warranty labor or parts charges and you elect not to use your credit card.
- After we receive your product, a new or refurbished unit will be shipped to you.

What your warranty does not cover

- Acts of God, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased or serviced outside of Canada.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.

Product registration

Please complete and mail the Product Registration Card packed with your Internet Receiver product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

If you purchased your product outside of Canada

This warranty does not apply. See your dealer for warranty information.

How provincial law relates to this warranty

This warranty gives you specific legal rights; you may have other rights that vary from province to province.

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