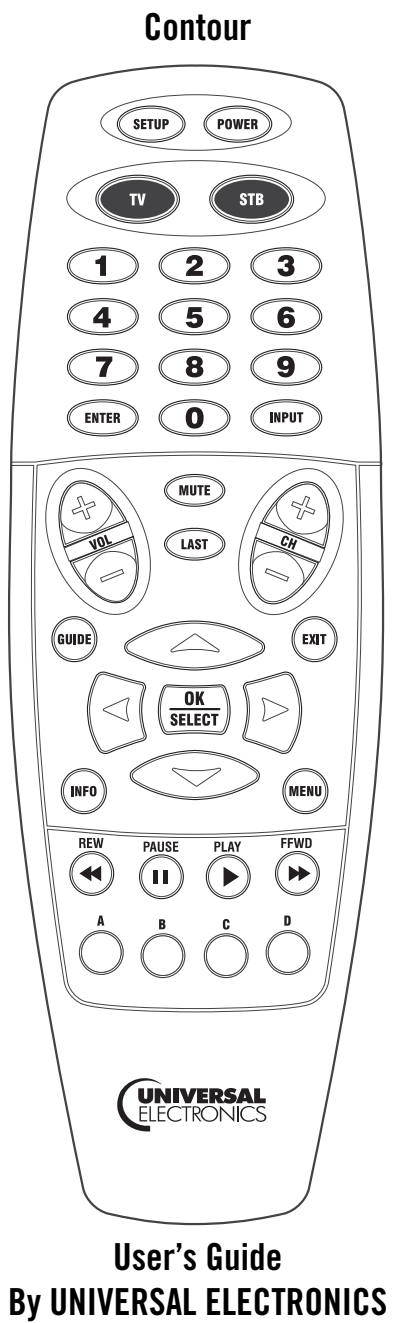




User’s Guide

By UNIVERSAL ELECTRONICS

GETTING STARTED

The Contour remote control is intended to be simple to set-up and to use. Just follow the two steps below and the remote will be ready for use in just a few short minutes.

STEP 1: INSTALL BATTERIES

Your Contour remote control requires 2 AA batteries (included).

Battery Use And Safety

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- If you do not plan to use the remote for an extended period, remove the

battery. It can leak chemicals that can destroy electronic parts.

WARNING: Dispose of old batteries promptly and properly. Do not burn or bury them.

To Install Batteries:

1. Open the battery compartment cover (located on the back of the remote).
2. Place the AA batteries in the compartment and match the + and - polarity symbols inside.
3. Replace the cover.

NOTE: When the battery voltage is low, the **TV** or **STB** key blinks 5 times after a keypress.

STEP 2: PROGRAM FOR TV CONTROL

The Contour remote control is pre-programmed to control your set-top box but it must be manually programmed in order to control the TV power and volume. Follow the instructions below to program your remote for your TV.

1. Turn on the TV.
2. Press the **TV** key on the remote.
3. Press and hold **SETUP** until the **TV** key blinks twice, then release.
4. Enter the first five-digit code for the TV brand that you wish to program. The LED blinks once as each digit is entered. If the code is valid, the LED blinks twice.

NOTE: If the LED does not blink twice, repeat steps 2 to 4 and try entering the code again.

5. Aim the remote at the TV and press **MUTE**. The TV volume should mute. If it does not, repeat steps 3–5, trying each code for your brand until you find one that works. If you cannot find a code that works, see “Searching for Your Code”.

SEARCHING FOR YOUR CODE

If your TV does not respond to the remote after trying all codes listed for your brand, or if your brand is not listed, try searching for your code:

1. Turn the TV on.
2. Press the **TV** key once.
3. Press and hold **SETUP** until the **TV** key blinks twice, then release.
4. Enter **9 9 9 1**. The LED blinks twice.
5. Aim the remote at the TV and press **MUTE**. The remote sends IR codes from its library to the TV, starting with the most popular code first. If the TV responds, go to step 7.
6. If the TV does not respond, press **CH+** and the remote will test the next TV code. Continue to press **Channel Up** until the TV turns off.

Note: Press **CH-** to try the previous code.

7. Now that you have found the correct code, press **SETUP** to save the code for your TV.

CHANGING VOLUME LOCK

The Contour remote control comes preset with volume controls (**Volume Up**, **Volume Down**, and **MUTE**) all locked to your TV. This section describes how to disable and enable volume lock.

Locking Volume Control

1. Press and hold **SETUP** until either the **TV** or **STB** key blinks twice.
2. Enter **9 9 3**, the LED blinks twice.
3. Press the mode key for the device you want to control (for example, TV).
4. The LED blinks twice. Now when you press **VOL+**, **VOL-**, or **MUTE**, the selected device (for example, **TV**) controls the volume regardless of the current mode.

Unlocking All Volume Control

1. Press and hold **SETUP** until either the **TV** or **STB** key blinks twice, then release.
2. Enter **9 9 3**, the LED blinks twice.
3. Press **VOL+**. The LED blinks four times. Volume is independently controlled for all programmed devices.

PROGRAMMING MACROS

Your Contour remote control includes the ability to program the **A**, **B**, **C**, and **D** keys with a Macro function. Each one can be set up to perform a pre-programmed set of sequential key presses with the press of one key. A macro can be used to control a home theater operation, to set a favorite channel, or for other multiple functions you would like to control with one key press. Moreover, each **Macro Key** can hold up to 15 key presses total.

You can program a macro that operates regardless of what mode you are in, or one that only operates when you are in a specific mode.

NOTE: Programming a new macro over an existing one erases the original macro.

Programming a Macro

1. Press and hold **SETUP** until either the **TV** or **STB** key blinks twice, then release.
2. Press **9 9 5**. The **TV** or **STB** key blinks twice.
3. Press the key you wish to assign a macro on.
4. Enter the series of commands you want the macro to execute (up to 15 commands).
5. Press and hold **SETUP** until either the **TV** or **STB** key blinks twice, then release.

Now, when you press the preset macro key, the remote sends the series of commands you have entered, regardless of what mode you are in. For example, you could program a macro key to turn on both your TV and cable box and select a particular channel.

To clear the macro, repeat steps 1-5 above, but do not enter a series of commands at step 4.

TROUBLESHOOTING

PROBLEM: **TV** or **STB** key does not blink when you press a key.

SOLUTION: Try pressing different keys. Replace the batteries with 2 new AA batteries.

PROBLEM: LED blinks when you press a key, but device does not respond.

SOLUTION: Make sure the remote is aimed at your device and is not more than 40 feet away.

PROBLEM: LED blinks one long blink while in **SETUP** mode.

SOLUTION: An entry error has occurred (for example, wrong key). Try entering the sequence again.

PROBLEM: Remote does not control devices or commands are not working properly.

SOLUTION: Try all listed codes for the device. Make sure the device operates with an infrared remote control.

PROBLEM: No volume on a device.

SOLUTION: See “Changing Volume Lock” and make sure the volume is not locked to a different mode already.

A QUICK LOOK AT THE CONTROLS

Press this key...	To...
	Select a device (either TV or STB).
	Turn the selected device on or off.
	Program sequences.
	Select the next or previous channel.
	Raise or lower the sound level. Press MUTE to turn the sound off or on.
	Move the cursor in the menu screens. Press OK to choose the highlighted menu option.
	Rewind, fast forward, pause, or play to control an ON DEMAND movie or recorded show.
	View the current channel and program information.
	Display the menu for the selected device.

Press this key...	To...
	Exit the selected device's menu, guide, or program without making a menu selection.
	Display the program guide for the selected device.
	Switch the TV's input to view TV or video programs.
	Directly enter channels (for example, 09 or 31). Press Enter to send channel number entries on some TV models.
	Use the A , B , C , and D keys for programming macros. (See “Programming Macros”.)

MANUFACTURER’S CODES

Setup Codes for TVs

A-Mark	10047, 10054, 10165
Accuscan	10047, 10018, 10135
Action	10030, 10185
Admiral	10047, 10054, 10017, 10051, 10093, 10463, 10180, 10018, 10165
Advantz	10282
Advent	10761, 10783, 10815, 10817, 10842, 11933
Adventuri	10000
Agna	10150
Aiko	10092
Akai	10060, 10812, 10702, 10030, 10145, 10151, 10672, 11903, 11935
Albatron	10700, 10843
Alfide	10672
Alleron	10030
Ambassador	10150, 10177
America Action	10180
American High	10000, 10060
Ampro	10751
Amstrad	10171, 10177
Amtron	10000, 10180
Anam	10180
Anam National	10055
AOC	10180, 10030, 10185
Apex Digital	10156, 10748, 10879, 10765, 10185, 10767, 11943
Audinac	10180
Audiovox	10451, 10180, 10092, 10623, 10802, 10875, 11937, 11951, 11952
Aventura	10171
Axion	11937
Baysonic	10180
Beaumark	10017, 10178, 10030
Belcor	10030
Bell & Howell	10054, 10154, 10093
BenQ	11032
Boxlight	10893
Bradford	10180

Brockwood	10178, 10030
Broksonic	10236, 10463, 10180, 10177, 11929, 11935, 11938
Candle	10030
Capehart	10017, 10178, 10030, 10092
Carnivale	10030
Carver	10054
Celebrity	10000
Celera	10765
Changhong	10156, 10765, 10767, 10783
Cineral	10451, 10092
Citek	10047
Citizen	10054, 10000, 10451, 10463, 10180, 10060, 10030, 10171, 10092, 10282, 11928
Civet	10185
Clairtone	10185
Clarion	10180
Classic	10030, 10092
Colortyme	10047, 10054, 10017, 10060, 10178, 10030, 10018
Commercial Solutions	11447, 10047
Conic	10178
Contec	10180, 10185
Craig	10180, 10171, 10282
Crosley	10054, 10000, 10180, 10030, 10171, 10187
Crown	10093, 10180, 10672
Crown Mustang	10672
Curtis Mathes	10047, 10054, 10154, 10000, 10051, 10451, 10093, 10180, 10060, 10702, 10178, 10030, 10145, 10166, 10018, 10466, 11147, 11347, 11919
CXC	10180
Cytron	11326
Daewoo	10451, 10178, 10092, 11661, 10623, 10661, 10672, 11755, 11756, 11928
Dayton	10092
Daytron	10178, 10030, 10092
Dell	11080, 11178
Denon	10145, 10055, 10511
Denstar	10628
Digital Life	10872
Dumont	10017, 10180, 10178
Durabrand	10463, 10180, 10178, 10171, 11034
Dwin	10093, 10720, 10774
Eaton	10060
Electroband	10000, 10185
Electrograph	11755
Electrohome	10154, 10000, 10150, 10178, 10030, 10151, 10185
Emerald	10178, 10177
Emerson	10047, 10154, 10451, 10236, 10463, 10180, 10150, 10178, 10171, 11944, 11929, 11928, 10623, 10282, 10185, 10177, 10135
Envision	10030, 10813
Epson	10833, 10840
ESA	10812, 10171, 11944
Fisher	10054, 10154, 10000, 10159
Fortress	10093
Fujitsu	10683, 10809, 10853
Funai	10000, 10180, 10171, 11904
Futuritech	10180
Gateway	11755, 11756

GE	11447, 10047, 10000, 10051, 10451, 10060, 10178, 10030, 10135, 10055, 10282, 11147, 11347, 10018, 11917, 11919, 11922
Gemini	10047
Gibraltar	10017, 10000, 10030
Go Video	10886
Go Vision	11937
GoldStar	10047, 10054, 10178, 10030, 10018, 11154, 11926
Gradiente	10053
Grundig	10706, 10672, 10683
Grundy	10180
Grunpy	10180
Haier	11034, 10768
Hallmark	10236, 10180, 10178, 10135, 10187
Harley Davidson	10000, 10180, 10060, 10178, 10030, 11904
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Heathkit	10017
Helios	10865
Hello Kitty	10451
Hewlett Packard	11089, 11494, 11502
Hisense	10748
Hitachi	10047, 10054, 10017, 10000, 10051, 10178, 11145, 10145, 10018, 10055, 10151, 10185, 11904, 11960
HP	11089, 11494, 11502
Hyundai	10849, 10865
Ima	10236, 10180, 10178
Infinity	10054
Insignia	10171, 11326, 11517
Inteq	10017, 10145
JBL	10054
JCB	10000
Jensen	10761, 10815, 10817, 11933
JIL	10030
Jutan	10030
JVC	10054, 10053, 10030, 10055, 10731, 11253
Kamp	10017, 10180, 10185
Kawasho	10030, 10185
KEC	10180, 10060
Kenwood	10180, 10030
KLH	10156, 10180, 10765, 10767
Kloss	10030
Konka	10180, 10080, 10628, 10632, 10638, 10703, 10707, 10720
Kost	11262
KTV	10463, 10180, 10030, 10185
Lark	10154
LG	10054, 11265, 10060, 10178, 10030, 10700, 10856, 11154, 11178, 11758
Lloyd's	10236, 10180, 10030, 11904
Logik	10236, 10180
LXI	10047, 10054, 10017, 10154, 10000, 10156, 10051, 10093, 10060, 10053, 10178, 10030, 10171, 10166, 10055, 10135, 10018, 10159, 10165
Magnasonic	10054, 10000, 10156, 10093, 10030, 10092, 11928
Magnavox	10047, 11454, 10054, 10154, 10000, 10250, 10051, 10180, 10060, 10030, 10171, 10092, 10706, 10187, 10282, 10386, 10802, 11254, 11755, 11904, 11931, 11944

Majestic	10017
Marantz	11454, 10054, 10030, 10704, 10854, 10855, 11154
Matsui	10177
Matsushita	10250, 10051, 10650
Maxent	11755, 11756
Megapower	10700
Megatron	10047, 10178, 10145, 10151
MEI	10185
Memorex	10154, 10463, 10180, 10150, 10178, 10030, 10165, 11926
MGA	10150, 10178, 10030
MGN Technology	10178
Micro Genius	10150
Midland	10047, 10017, 10051, 10018, 10135
Mitsubishi	10154, 10250, 10093, 11250, 10150, 10178, 10030, 10836, 10868, 11917
Monivision	10700, 10843
Motorola	10054, 10051, 10093, 10150, 10055
MTC	10180, 10060, 10030, 10092, 10185, 10282
Multitech	10180
NAD	10156, 10178, 10166, 10866
NEC	10047, 10156, 10178, 10030, 10497, 10704, 10882, 11704
NetTV	11755
Nikko	10178, 10030, 10092
Nikkodo	10178, 10030, 10092
Nishi	10030, 10018
Norcent	10748, 10824, 11089
Noshi	10018
NTC	10092
Nyon	10000
Olevia	11144, 11240, 11331
Onwa	10180
Optimus	10154, 10250, 10093, 10180, 10150, 10178, 10030, 10166, 10165, 10650
Optoma	10887
Optonica	10093, 10165
Orion	10017, 10236, 10463, 10180, 10178, 11463, 10177, 11929
Pace	10092
Panasonic	10054, 10000, 10156, 10250, 10051, 10236, 10030, 10018, 10055, 10650, 11291, 11410, 11919, 11941, 11946, 11947
Panda	10706
Paxonic	10060, 10030
PCE	10156, 10060
Penney	10047, 10000, 10156, 10250, 10051, 10060, 10178, 10030, 10018, 10135, 10159, 11347, 11919, 11926
Philco	10054, 10463, 10030, 10145, 10187
Philips	11454, 10054, 10030, 10171, 10187, 10690, 11154, 11254
Pilot	10051, 10060, 10178, 10030
Pioneer	10166, 10055, 10679, 10866, 11260

Polaroid	10765, 10865, 11262, 11276, 11314, 11316, 11326, 11327, 11328, 11341
Portland	10451, 10092
Precision	10236, 10180, 10177, 10185, 10282
Prima	10761, 10783, 10815, 10817, 11933
Princeton	10700, 10717
Prism	10250, 10051, 10055
Proscan	11447, 10047, 10018, 10135, 10466, 11347, 11922
Proton	10178, 10466
Pulsar	10017, 10092
Pulser	10178, 10092
Quartz	10150, 10178
Quasar	10250, 10051, 10055, 10165, 10650, 11919
Rabbit	10047
RadioShack	10047, 10154, 10180, 10150, 10178, 10030, 10165, 11904
RCA	11447, 10047, 10054, 10000, 10051, 10093, 10178, 11958, 11953, 11948, 11922, 11919, 11917, 11547, 11347, 11247, 11147, 11047, 10774, 10679, 10165, 10135, 10090, 10018
Realistic	10047, 10154, 10180, 10150, 10178, 10030, 10165
Rhapsody	10185
Road Authority	10282
Runco	10017, 10060, 10030, 10497, 10603
Sampo	10047, 10030, 11755, 11756
Samsung	10047, 10054, 10017, 10154, 10060, 10812, 10702, 10178, 10030, 11959, 11903, 11312, 11060, 10814, 10766, 10587, 10055
Sanky	10060, 10030
Sansui	10463, 10060, 10030, 10165, 11904, 11929, 11935
Sanyo	10047, 10054, 10154, 10000, 10463, 10171, 10159, 10799, 10893, 11755
Saville	10060
Sceptre	10878
Scotch	10178
Scott	10236, 10180, 10178, 10030, 10177
Sears	10047, 10054, 10017, 10154, 10000, 10156, 10051, 10093, 10060, 10053, 10178, 10030, 10171, 10166, 10055, 10135, 10018, 10159, 10165, 11904, 11926
Sharp	10054, 10093, 10180, 10165, 10386, 10491, 10688, 10689, 10818, 10851, 11393, 11917
Sheng Chia	10093
Shivaki	10178
Siemens	10145
Signature	10047, 10093, 10030, 10165, 10187
Signet	11262
Simpson	10178, 10030, 10187
Singer	10060, 10092

Solar Drape	10000
Sole	10813
Sony	10017, 10154, 11100, 10000, 10150, 10053, 10080, 10632, 10834, 11904, 11925
Soundesign	10180, 10178
Sova	11952
Spectravision	10156, 10178, 10159
Squareview	10171
SR2000	10154, 10171
SSS	10180
Starlite	10236, 10180
Studio Experience	10843
Superscan	10093, 10864, 11944
Supreme	10000
SV2000	10054
SVA	10748, 10587, 10768, 10865, 10870, 10871, 10872
Sylvania	10047, 10054, 10154, 10000, 10051, 10178, 10030, 10171, 10092, 10159, 10187, 11904, 11926, 11931, 11944
Symphonic	10000, 10180, 10178, 10171, 11904, 11944
Syntax	11144, 11240, 11331
Tandy	10093, 10165
Tatung	10000, 10051, 10055, 11756
Teac	10154, 10706, 10159, 10282, 10689
Technics	10054, 10250, 10051, 10055
Technovox	10030
Techview	10847
Techwood	10250, 10051, 10060, 10055
Teknika	10054, 10463, 10180, 10150, 10060, 10178, 10092
Telecolor	10017
Telefunken	10702
Thomas	10047, 10178, 11904
Thomson	11447, 10047
TMK	10236, 10180, 10178, 10177
TNCi	10017
Tocom	10156
Tomashi	10282
Toshiba	10154, 11256, 10156, 10150, 11265, 10060, 11145, 10145, 10166, 11945, 11936, 11935, 11918, 11704, 11656, 11356, 11156, 10845, 10832, 10650
Tosonic	10185
Totevision	10051
Toyomenka	10178
Truetone	10250, 10051, 10055
TVS	10463
Ultra	10092
Universal	10047, 10135
Universum	10177
V	10864, 10885, 11755, 11756
Vector Research	10030
Victor	10053
Vidikron	10054
Vidtech	10178
Viewsonic	10857, 10864, 10885, 11578, 11755

Viking	10060
Vizio	10864, 10885, 11499, 11756, 11758
Wards	10047, 10054, 10017, 10154, 10000, 10051, 10093, 10236, 10178, 10030, 10166, 11156, 10866, 10187, 10165, 10151, 10080, 10018
Waycon	10156
Welton	10178
Westinghouse	10000, 10451, 10885, 10889, 11282
White Westinghouse	10451, 10236, 10463, 10623, 10889
World	10451, 10236, 10463, 10180
XR-1000	10154, 10180, 10171
Yamaha	10030, 10769, 10833, 10839
Yorx	10030
Zenith	10047, 10017, 10000, 10093, 10463, 11265, 10812, 10178, 10030, 11145, 10145, 10171, 10092, 11904, 11929

Setup Codes for TV/DVD Combination Controlled by the DVD

Advent	21016
Akai	20695
Apex Digital	20830
Audiovox	21071, 21121, 21122
Axion	21071
Broksonic	20695
Emerson	20675, 21268
ESA	21268
Funai	21268
Go Vision	21071
Hitachi	21247
Insignia	21268
Jensen	21016
Magnavox	21268
Panasonic	21490
Philips	20854, 21260
Prima	21016
RCA	21022
Samsung	20899
Sansui	20695
Sova	21122
Sylvania	20675, 21268
Toshiba	20695

Controlled by the TV

Advent	11933
Akai	11935
Apex Digital	11943
Audiovox	11937, 11951, 11952
Axion	11937
Broksonic	11935
Hitachi	11960
Jensen	11933
Panasonic	11941
Prima	11933
RCA	11948, 11958
Samsung	11903
Sansui	11935

Sova	11952
Toshiba	11935

Setup Codes for TV/VCR Combination Controlled by the TV

America Action	10180
Audiovox	10180
Broksonic	11929
Citizen	11928
Curtis Mathes	11919
Daewoo	11928
Emerson	10236, 11928, 11929
Funai	11904
GE	11917, 11919, 11922
GoldStar	11926
Harley Davidson	11904
Hitachi	11904
Lloyd's	11904
Magnasonic	11928
Magnavox	11904, 11931
Memorex	11926
Mitsubishi	11917
Orion	11929
Panasonic	11919
Penney	11919, 11926
Quasar	11919
RadioShack	11904
RCA	11917, 11919, 11922
Samsung	11959
Sansui	11904, 11929
Sears	11904, 11926
Sharp	11917
Sony	11904, 11925
Sylvania	11931
Symphonic	11904
Thomas	11904
Toshiba	11918, 11936
Zenith	11904, 11929

Controlled by the VCR

Aiwa	20479
America Action	20278
Audiovox	20278
Broksonic	20002, 20479, 21479
Citizen	21278
Colt	20072
Curtis Mathes	21035
Daewoo	21278
Emerson	20002, 20479, 20593, 21278, 21479
Funai	20000
GE	20240, 20807, 21035, 21060
GoldStar	21237
Harley Davidson	20000
Hitachi	20000
LG	21037
Lloyd's	20000
Magnasonic	20593, 21278
Magnavox	20000, 20593, 21781
Magnin	20240

Memorex	20162, 21037, 21162, 21237, 21262
MGA	20240
Mitsubishi	20043, 20807
Optimus	20162, 20593, 21162, 21262
Orion	20002, 20479, 21479
Panasonic	20162, 21035, 21162, 21262
Penney	20240, 21035, 21237
Quasar	20162, 21035, 21162
RadioShack	20000, 21037
RCA	20240, 20807, 21035, 21060
Samsung	21014
Sansui	20000, 20479, 21479
Sanyo	20240
Sears	20000, 21237
Sharp	20807
Sony	20000, 21232
Sylvania	21781
Symphonic	20000, 20593
Thomas	20000
Toshiba	20845, 21145
Zenith	20000, 20479, 21479

Setup Codes for TV/VCR/DVD Combination Controlled by the DVD

Akai	20899
Broksonic	20868
Emerson	20821
ESA	20821
Funai	21334
Magnavox	20821
Panasonic	21362, 21462
RCA	21132
Sharp	20630
Superscan	20821
Sylvania	20821
Symphonic	20821
Toshiba	21045

Controlled by the TV

Akai	11903
Broksonic	11938
Emerson	11944
ESA	11944
Magnavox	11944
Panasonic	11946, 11947
RCA	11953
Sharp	11917
Sylvania	11944
Symphonic	11944
Toshiba	11945

Controlled by the VCR

Sharp	20807
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CARE

- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the unit only in normal temperature environments.

- Handle the remote gently and carefully. Don't drop it.
- Wipe the remote with a damp cloth to keep it looking like new.

Modifying or tampering with the internal parts can cause damage and invalidate the warranty. If your remote is not performing as it should, please contact us at:

www.uei.com.

FCC NOTICE

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.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

M66200A