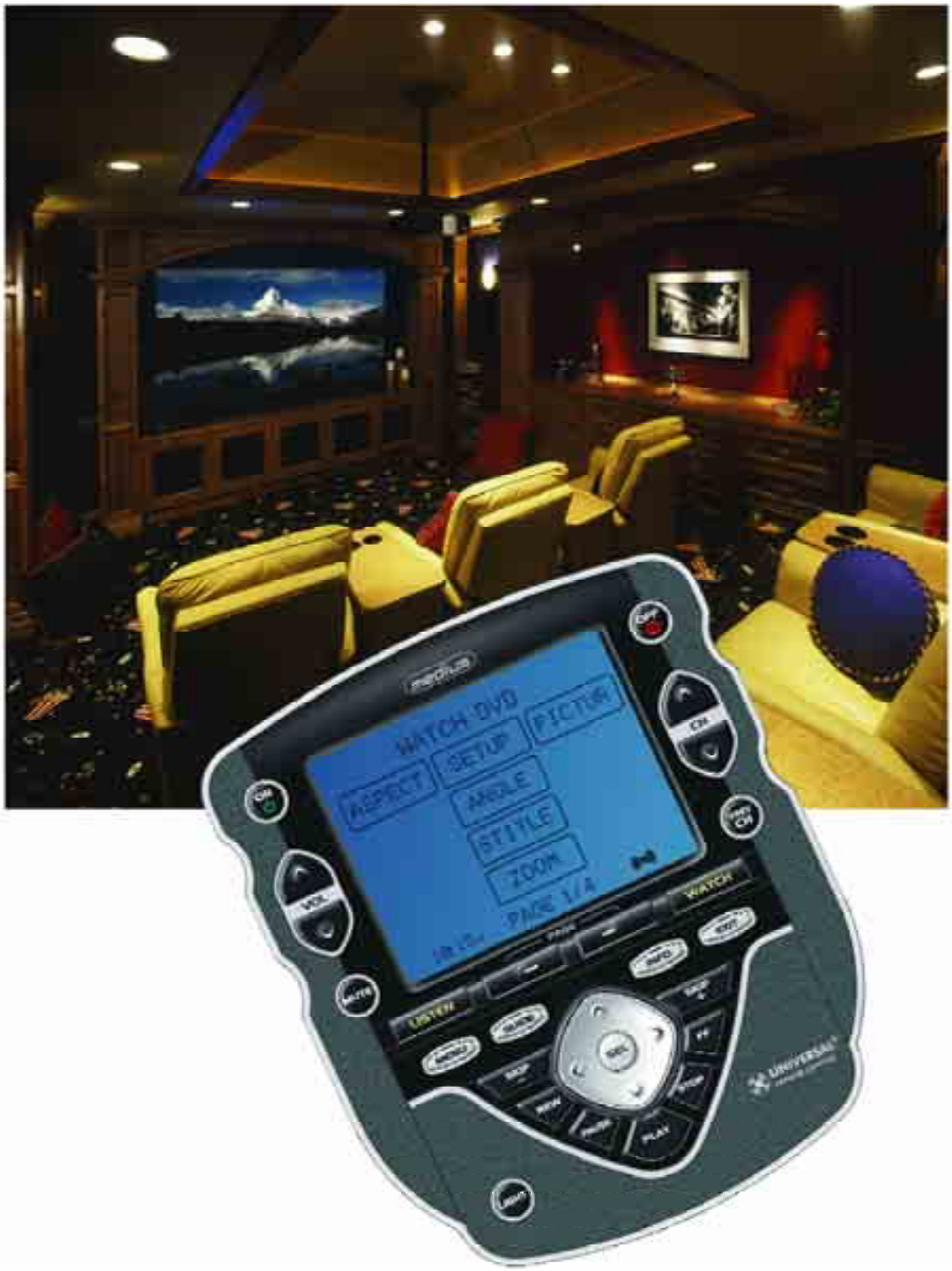
APPENDIX I

: USER'S MANUAL

Operating Your System
With The Medius TX-1000



COMPLETE CONTROL™

Universal Remote Control®

This remote control was
Custom Programmed for you by:

For questions about your Custom Programming call:

Custom Programming of a complex home theater and/or a multi-room system is one of the most challenging tasks within an audio/video installation. It involves an intimate knowledge of how the components interact and exact details on the proper sequences of control.

Only a Complete Control dealer has the requisite experience and training to quickly and effectively customize a remote control for true automated operation.

Congratulations on your choice!

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Congratulations!

You've purchased a unique synthesis of hardware and software engineering, the Complete Control Medius. The Medius achieves a magnificent combination of power and flexibility, simplifying and automating operation of even the most complex system.

One Touch Multi-Color Backlighting

Simply press the LIGHT button to backlight the screen.

Integrated Sound Signaling

The Medius incorporates a small speaker for beeps. Anytime you press a button, the Medius signals that it has understood your command with a beep sound.

LCD Touch Screen

The Medius is equipped with a bright easy to read LCD touch screen which your installer will customize for your system. The screen buttons change based on your activity. To use a button, simply tap the screen with the tip of your finger. It is not necessary to use a stylus from a PDA.

Simply tap the interactive touch screen buttons to operate them.

The busy symbol ((•)) appears when Medius is contr olling your system. It will blink as long as the Medius is transmitting a command or a series of commands (a macro) to your system. While it is transmitting, the Medius will not respond to another button press.

When the Medius is finished controlling your system, the indicator will disappear, and you can press any button.

Optional RF "No Rules" Operation

In combination with a Complete Control RFBase Station, the Medius can control your system without being in line-of-sight of the equipment.
Any of the Complete Control MRF series of RF base stations is compatible with the Medius. Both incorporate RF addressing. RF Addressing gives you the ability to control equipment locations throughout your home, even if they are concealed in other rooms or are behind closed doors.

1.The Medius sends radio waves in every direction, so you don't have to point the remote anymore!

2.The RFX-150 RF Sensor can be freely positioned for optimal reception.

3.The MRF-300's built-in Front Blaster sends commands to components in the same cabinet space as the MRF-300.

4. Self-adhesive "Flashers" affix to the Infrared sensors on the front panels of your components. The Flashers relay commands to components out of sight of the MRF-300's Front Blaster. The flashers plug in to the MRF-300's rear flasher line outputs via their 10 foot cables. Uniquely, the MRF-300 can also connect to a components rear panel IR input via its adjustable IR Line Outputs.

Installing Batteries

Open the battery cover by depressing the release latch and pulling back the cover on the back of the control. Remove the cover.

Observe the + and - polarity indications inside the battery compartment.

Place the four AA batteries into their positions in the battery compartment observing the + and - polarity indicators on the batteries.

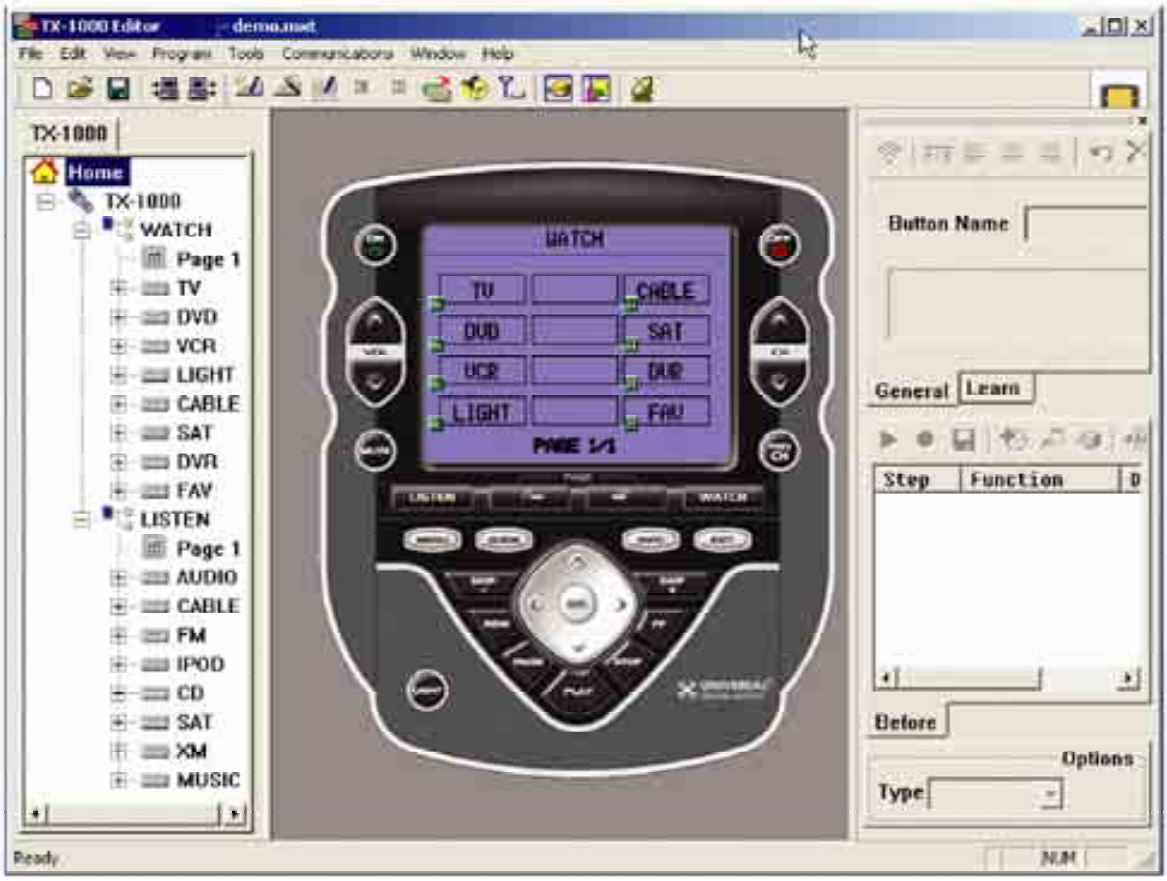
Now, replace the battery cover by inserting the hinged end in first, then snapping the cover back into place.

Programming the Medius

The Medius is programmed via a Windows PC equipped with a USB port (programming cable included), using our proprietary software, TX-1000 Editor. You can download this software from our website:

www.universalremote.com

Basic setup takes only a short time with this software. However, to fully automate an audio/video system the user must have a detailed knowledge of each component, you the user (and your preferences) and how the system is connected and operated. We highly recommend that you use a professional audio/video installer to program your Medius so you will be able to enjoy all the benefits of the Medius as well as one touch operation via macros.



Selecting a New "Activity"

The Medius's WATCH and LISTEN buttons display the activities you can control with your Medius. When you want to watch something else (a DVD movie, a videotape or an HDTV broadcast), simply press the WATCH button and select the new activity. When you want to listen to the radio or to a CD, touch the LISTEN button and select what you would like to listen to.

Your installer will have programmed the button you pressed to totally configure your system to watch or listen to whatever you selected. Now, the screen will change, and all of the LCD buttons will be reconfigured to give you full control of your system while watching or listening to your selection!

When you press the LISTEN button, you can see the most frequently used activities you have for listening in your system.

Press either of the PAGE buttons to see any other available choices. You may have only one page or your system may have several pages of "Listen Activities".

Press either of the PAGE buttons to see any other available choices. You may have only one page or your system may have several pages of "Watch Activities".

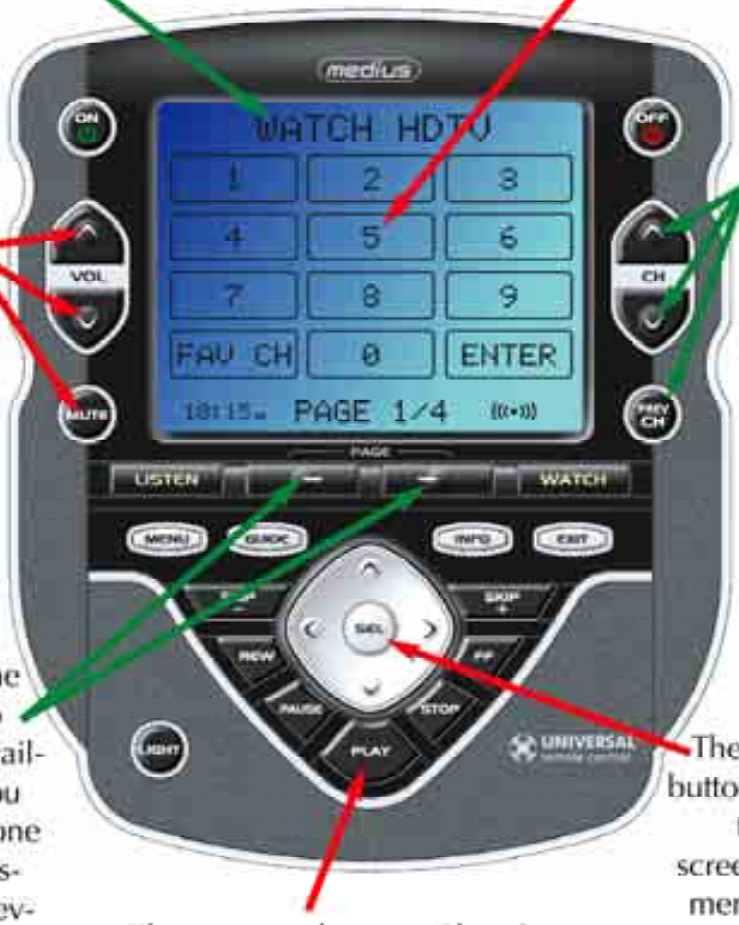
When you press the WATCH button, you can see the most frequently used activities you have for watching the sources in your system.

Using the Medius to Control an "Activity"

Once you've selected a new activity, the Medius displays the title of the activity at the top of the screen. Below the title, the LCD displays the customized names of any special features you need for the activity. All the hard buttons of the Medius have now changed to functions optimized for this activity.

The Title displays what activity you can control.

The touch screen button labels describe special features for this activity.



The Volume and Mute buttons always control the sound regardless of what screen is displayed.

The Channel and Previous Channel buttons are programmable. They will change channels when you have selected an activity like Watching HDTV.

Press either of the PAGE buttons to see any other available choices. You may have only one page or your system may have several pages of special features for this activity.

The 4 way cursor buttons enable you to navigate on screen guides and menus with ease.

The transport buttons (Play, Stop, Back, Ahead and Pause) operate when the selected activity requires them (for example, if you watch HDTV with a TiVo type of DVR, these buttons will control the DVR).

Displaying the Setup Screen

You can adjust the settings of the Medius whenever you like by pressing and holding both the WATCH and the SEL button at the same time for three seconds. When you do, the screen will change to the SETUP screen. If you do not press any button on the SETUP screen within 30 seconds, the Medius will time out and automatically return to normal operation. You can return to normal operation before that by pressing either the WATCH or the LISTEN button.

At the same time, press and hold both the WATCH button and the SEL button. When the SETUP screen appears, you can release the two buttons.

Selecting from the Setup Screen

Simply touch the button for the setting you'd like to adjust:

TIME - The time displayed on the Medius.
LCD - The appearance of the screen.
LIGHT - What the LIGHT button does.
SOUND - The beeps the Medius can make.
SYSTEM - The battery low warning.
TOUCH - Calibration of the touch screen.
VER - No adjustments are possible. Displays factory info.

Setting the TIME

You can correct the time displayed by changing the settings on this screen.

To activate the AM/PM setting, press this button. .

To activate the HOUR setting, press this button.

To activate the MINUTE setting, press this button.

To SAVE any changes you have made, press SAVE.

After activating AM/PM, press this button to change AM/PM.

After activating them, change the HOURS or MINUTES by observing these buttons and adjusting with the LEFT and RIGHT arrow keys.

To exit without saving any changes you have made, press EXIT.

Setting the LCD

With these settings, you set the screen's appearance when the Medius is not in use. You can select either a blank or constant LCD display. Additionally, you can control the contrast of the screen and the color of the backlighting.

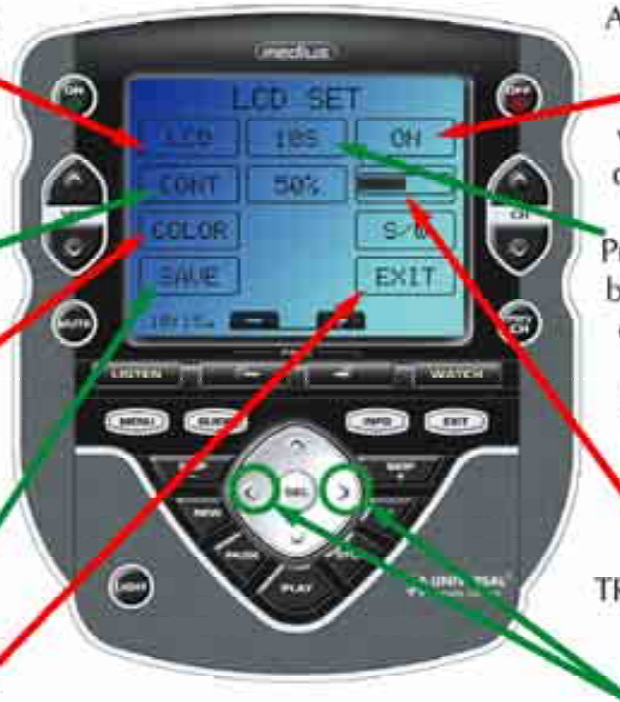
To activate the LCD On/Off setting, press this button. .

To activate the CONTRAST setting, press this button.

For COLOR settings, see the next page.

To SAVE any changes you have made, press SAVE.

To exit without saving any changes you have made, press EXIT.



After activating LCD On/Off, press this button to change whether the LCD is displayed when not in use.

Press the TIMEOUT button if you wish to change how much time must pass before the Medius turns the LCD off.

After activating change the CONTRAST by observing this button and adjusting with the LEFT and RIGHT arrow keys.

Overriding COLOR Settings

Your professional installer may have set the color of the backlighting to display different colors when you change activities. You can override the settings he/she made in the TX-1000 software with one constant backlighting color for all activities

Press the COLOR button to activate the COLOR Settings row of buttons.

Normally, this button displays S/W to indicate that the colors are controlled by the software (S/W). To ovrride these settings, after activating the COLOR row, press the S/W button to change it to USER. Once the button displays USER, press the EDIT button to change the backlight color.

After pressing the EDIT button shown above, the COLOR SET screen appears. Here's how the settings are adjusted:

To activate RED, first press this button.

To activate GREEN, first press this button.

To activate BLUE, first press this button.

To SAVE any changes you have made, press SAVE.

After activating them, change the RED, GREEN or BLUE by observing these buttons and adjusting with the LEFT and RIGHT arrow keys.

To exit without saving any changes you have made, press EXIT.

Light Settings

You can adjust the backlighting of the remote in three additional ways:

1. You can turn on/off the LCD backlighting.
2. You can turn on/off the hard button backlighting.
3. You can select the amount of time the lighting stays on after the last button press.

To activate LCD backlighting, first press this button.

To activate the hard button backlighting, first press this button.

To activate the TIMER setting, first press this button.

To SAVE any changes you have made, press SAVE.

To exit without saving any changes you have made, press EXIT.

Once the LCDrow is activated, change whether the backlighting is on or off by pressing this button.

Once the BUTTON row is activated, change whether the backlighting is on or off by pressing this button.

Once the TIMER row is activated, change the amount of time the backlighting will stay on by using the LEFT and RIGHT arrow keys.

Sound Volume

Your Medius beeps whenever a button is pressed. However, you can adjust the volume to any level you like by adjusting the volume control here.

Adjust the volume of the beep by using the LEFT and RIGHT arrow keys.

To SAVE any changes you have made, press SAVE.

To exit without saving any changes you have made, press EXIT.

System Settings

You can set your Medius to display the Low Battery warning at a power level between 0% and 20% (in 5% increments).

To activate the battery low warning row, press the WARN button.

The amount of available memory left to utilize is displayed in this row.

To SAVE any changes you have made, press SAVE.

The current battery power remaining is displayed here.

Once the WARN row has been activated, use the LEFT and RIGHT arrow keys to cycle through the available battery level settings (0%, 5%, 10%, 15% or 20%).

To exit without saving any changes you have made, press EXIT.

Calibrating the Touch Screen

If you find that your Medius is not responding to finger presses accurately, you can calibrate the touch screen with this setting. It works like this:

1. Press the TOUCH button on the SETUP screen.
2. The screen changes and displays a small + symbol in the top left corner.
3. Press the + symbol with the tip of your fingernail as accurately as you can.
4. The + symbol now moves to the top right corner, then the bottom left corner, the bottom right corner and finally the center of the screen. Each time, press the + symbol as accurately as you can.
5. When the process is complete, the screen will return to the SETUP screen.

Anytime you want, you can exit the Calibration screen by pressing the WATCH button.

Version Information Displays

Should you be curious, the Version indicates what firmware and software versions were used to program your Medius.

Warranty

The Medius is covered against any manufacturing defects or faults in workmanship for a period of one year from the date of purchase when purchased from an authorized Complete Control dealer. Units purchased from online auction sites or other unauthorized resellers have no warranty. This warranty does not cover the following items:

- Damage from misuse, neglect, or acts of nature.
- Products that have been modified or incorporated into other products.
- Products purchased more than 12 months ago.
- Units purchased from unauthorized dealers or companies.

Specifications

Memory - 8 Megabits of Flash Memory (for User Configuration)
Devices - Flexible, typically can support up to 40 Devices
Pages - Flexible, typically can support up to 40 Pages on each Device
Learning Capability - Standard frequencies (15kHz to 460kHz)
Macro Capability - Up to 255 steps each, however nesting is allowed
IR Range (Line of Sight via Infrared): 30-50 feet, depending on the environment
RF Range (radio frequency): 50 to 100 feet, depending upon the environment
RF Frequency: 418MHz
Weight: 31.4 ounces (with batteries)
Size: 6.46" H x 5.39" W x 1.66" D
Batteries: 4AA Batteries

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Information To The User

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 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.

Warning

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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