

COPE

**REFERENCE
MANUAL**

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Warranty

For warranty information see the card enclosed in the CORE package.

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Published in U.S.A.

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Introduction

What CORE is

Congratulations on your purchase of CORE, the Controller of Remote Equipment. CORE is a **universal programmable master remote controller with a built-in timer**.

1. CORE is a **master controller** because it allows you to operate **all** of your infrared remote-controlled equipment with one device.
2. CORE is **universal** because it can learn, or "capture", the signals from virtually every infrared remote control device on the market today. If you look on the upper back of your CORE, you'll notice a ribbed section. This Master Module houses one of the most powerful infrared transmitters in the industry. It was designed to be removable because no one knows for certain what new technology tomorrow will bring. Our engineers are committed to keeping your CORE from becoming obsolete. We are constantly checking CORE with new equipment as it comes on the marketplace to ensure optimum compatibility.
3. CORE is **programmable** because it is actually a high-powered microcomputer! CORE is powered by two custom microprocessors and has 36 kilobytes of memory. This programmability allows you to create powerful sequences of commands which you can activate with the touch of a key.
4. In addition, CORE has a **built-in timer** which allows you to operate CORE automatically any time of day, even when you're not around.

at You Can Do with CORE

u're wondering what types of things you can do with your CORE, here some ideas:

You have two or more pieces of electronic equipment which have infrared remote-control units. You enjoy the convenience of remote control, but the problem is you have too many remotes! It's cumbersome to have all these controllers lying around, and confusing to figure out which one to pick up. With CORE, you only need one controller!

There are certain things that you do over and over again which require several **button**-presses on your controllers. For example, you turn on the power to your TV set and also your VCR; then you set the volume to a certain level. With CORE, you can do all of that with a single keypress!

You're tired of the sound of your alarm clock, and you'd like to have your TV set wake you up instead. You want the volume to come on at a low level, then increase gradually every 2 minutes in case you have trouble getting out of bed. No problem with CORE!

You want to record several shows on different channels while you're on vacation. The problem is: you have a timer on your VCR which will record at different times, but you can't change the channel without using the cable box, and the cable box doesn't have a timer. With CORE, it's an easy job--you can have timed control over all your remote equipment.

You have great flexibility in using CORE with your remote equipment. You use the basic commands only, or you can use as much of CORE's powerful programming language as you like.

Other infrared controller on the market today has the flexibility or the adaptability of CORE. We hope you enjoy exploring the many possible applications of CORE and would like to hear about any ideas you come up with. We also welcome any suggestions you might have. Be creative and have fun!

How to Use this Manual

"Getting Started with CORE" gets you up and running. It covers the following basic functions:

- Setting the CORE clock
- Learning infrared commands
- Programming sequences of commands
- Unattended operation

"CORE Reference" is the main body of the manual. It covers all of the features of CORE in detail. You can find anything you need to know about CORE in this section. Use the table of contents and/or the index to find the section you're looking for.

1. **Programming Basics:** the fundamentals of CORE programming, including learning remote commands and organizing your commands.
2. **Further Programming Features:** Sequences: advanced features of CORE programming.
3. **Timed Operation:** how to use the CORE clock and program CORE for unattended operation.
4. **Editing:** how to review and change what you've programmed.
5. **Modifying Captured Codes:** how to fine-tune CORE for optimum performance.
6. **Maintenance and Troubleshooting:** how to care for CORE, and what to do if you have problems.

Appendices:

- A: **CORE Display Symbols:** shows the relationship between keypresses and symbols which appear in the display.
- B: **Syntax Reference Guide:** a summary of the CORE programming language, showing the required keypresses for all programming functions.
- C: **Glossary:** contains definitions of the terms used throughout this manual. Each term appears in **boldface** the first time it appears in the manual.

"CORE Parts" is a fold-out illustrated guide at the back of this manual, labeling all the parts you will use in programming and operating CORE. Refer to it as you follow the instructions throughout the manual.

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