

DOCKET

**REFERENCE
MANUAL**

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Warranty

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

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CL9 Customer Service: (800) 544-4259

Introduction

What CORE is

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

1. CORE is a **master controller** because it allows your infrared remote-controlled equipment with one touch of a key.
2. CORE is **universal** because it can learn, or "capture" virtually every infrared remote control device on the market. You look on the upper back of your CORE, you see the infrared transmitters in the master control section. This Master Module houses one of the most advanced transmitters in the industry. It was designed to be used by no one knows for certain what new technology tomorrow's engineers are committed to keeping your CORE from becoming obsolete. We are constantly checking CORE with the latest technology that comes on the marketplace to ensure optimum compatibility.
3. CORE is **programmable** because it is actually a microcomputer! CORE is powered by two custom integrated circuits and has 36 kilobytes of memory. This programmability allows you to enter powerful sequences of commands which you can store with the touch of a key.
4. In addition, CORE has a **built-in timer** which allows you to set CORE automatically any time of day, even when you are not home.

What You Can Do with CORE

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

1. 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!
2. 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!
3. 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!
4. 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 can use the basic commands only, or you can use as much of CORE's powerful programming language as you like.

No other infrared controller on the market today has the flexibility or the expandability 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 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; features of CORE in detail. You can find anything you CORE in this section. Use the table of contents and/or section you're looking for.

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

Appendices:

- A: CORE Display Symbols:** shows the remote keypresses and symbols which appear in the display language.
- B: Syntax Reference Guide:** a summary of the language, showing the required keypresses functions.
- C: Glossary:** contains definitions of the terms used in the 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 the manual labeling all the parts you will use in programming a remote. Refer to it as you follow the instructions throughout the manual.

Other Resources

"CORE Journal" is a separate book which comes with your CORE. You will use it to make a written record of the commands, sequences and timed operations you teach each CORE key.

"Factory Presets" is an insert sheet describing the remote controller commands that come pre-programmed with CORE.

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If you have any problems or questions, call CL 9 Customer Service at (800) 544-4259.

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Getting Started with CORE

Examining CORE

First, fold out the illustrated guide "CORE Parts" at the back of the box that you can refer to it as you go through this chapter.

The diagram shows CORE divided into three major sections:

1. The **LCD display** at the top.
2. The **20 operating keys**. These include the 16 **function keys** (PAGE) KEY, plus the 3 **direct-access PAGE** keys.
3. The **programming keys**, which are hidden beneath the **key cover**. Whenever you need to access these keys, you must slide the grips on both sides near the top edge, and slide the key cover open.

Waking Up the Display

When you removed CORE from the box, most likely the display was off (not displaying any characters). The display automatically turns on after a short period of non-use to conserve the battery (do not turn on the display again (**wake-up**)).

1. Press the **Power** key (you can press any key, but it's a good way to insure that CORE doesn't send any data just when you just want the display to come on). You should see the top (the time may or may not be correct), and the bottom.
2. Press the **Power** key again, and you'll see one or two lines of bottom line (referred to as the **status line**). These lines represent what is called the **current location** (check the section).



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