

Franklin®

crosswords™
puzzle solver

User's Manual

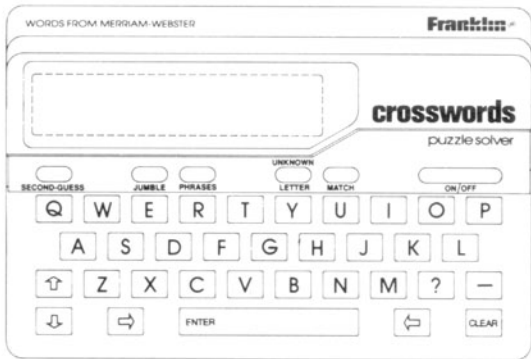
What Crosswords™ Puzzle Solver Can Do

Congratulations! You now have a fun way to make crossword puzzles less puzzling. With your Crosswords Puzzle Solver, you can. . .

- Find answers when you know only a few letters in a crossword answer.
- Find answers when you know most of the letters in an answer.
- Second guess your answers by changing one, two, or more letters.
- Find famous names and phrases when you know only the first name or first word.
- And rearrange letters to form words for Scrabble™ and other word games.

The Crosswords Puzzle Solver can't answer every crossword question. But by combining your knowledge with its 250,000-word crossword answer list from Merriam-Webster®, you'll be able to fill in more crossword answers than you do now.

Guide to Keys



Function Keys

SECOND-GUESS

Finds alternative answers with one, two, or more letters changed.

JUMBLE

Rearranges random letters to form words.

PHRASES

Finds famous names and phrases.

UNKNOWN LETTER

Types a question mark that stands for an unknown letter.

MATCH

Types an asterisk that stands for a series of unknown letters.

Other Keys

A to **Z**

Type letters.



Erases typed letters like a backspace key.



Moves display to the right to show answers longer than 16 characters.



(1) At the Ready prompt, they adjust the screen contrast. (2) At answer lists, they scroll up and down to see more answers.

CLEAR

Clears screen to the Ready prompt.

ENTER

Starts searches for answers.

ON/OFF

Turns unit on and off.

Getting Started



Read this chapter if you're using your Crosswords Puzzle Solver for the first time.

Install the Batteries


Before you can use the Crosswords Puzzle Solver, you must install four AAA batteries (not included). Use only high-quality alkaline or rechargeable nickel cadmium batteries. To install them:

1. Remove the battery cover on the back.
2. Insert the batteries with their positive (+) terminals aligned as shown in the compartment.
3. Snap the battery cover in place.

Adjust the Screen Contrast

You can always adjust the screen contrast at the Ready prompt by pressing  and  Here's how:

1. Press  .



Ready

This is the Ready prompt. It's where you type partial crossword answers to find complete answers.

If you don't see anything on the screen, you need to adjust the screen contrast.

2. Press  or  repeatedly to adjust the contrast.


See a Demonstration

To preview what Crosswords can do, try its self-demonstration. Here's how:

1. At the Ready prompt, type "-- DEMO".



2. Press .

3. Press  if you want to stop the demo.

► *A Tip About Shutting Off Crosswords*

Don't worry if you forget to turn off Crosswords when you're done. Crosswords shuts off automatically after two minutes of nonuse. When you see a "Shutting off" message, you can press any key to stop Crosswords from shutting off.

Finding Unknown Letters in Words and Phrases

With Crosswords, it's easy to find answers when you know only a few letters. Here are two ways to do it.

By Using **UNKNOWN LETTER**

The simplest way to find crossword answers is to type a partial answer at the Ready prompt. For every letter or space you don't know, press **UNKNOWN LETTER**. You'll see a question mark that stands for the unknown letter or space.

NOTE: The more question marks you type in a partial answer, the more full answers Crosswords will find. If you want fewer answers, type partial answers with more letters.

1. At the Ready prompt, type a partial crossword answer. Press **UNKNOWN LETTER** for every letter you don't know.



A??T?

In this example, the clue is "moderate." The answer has five letters. You know that the first letter is "A" and the fourth is "T."

2. Press .

AALTO ↓

3. Press to see more answers.

ABATE ↓

That's it.

4. Press when you're done.

► **Tips for Finding Words and Phrases**

- If you press for the first letter of a partial answer, Crosswords must search through the entire alphabet. For faster searches, try to guess the first letter on your own before you type a partial answer.
- Some answer lists are quite long. If you see "Continuing" while you're scrolling down an answer list, there are more answers to come. You can continue to scroll down the list, but you cannot scroll back to the answers you saw before the message.

By Using

Another way to find answers when you know only a few letters is to use . When you press , you'll see an asterisk.

Unlike question marks, asterisks stand for a series of unknown letters and spaces. Like question marks, you can type more than one asterisk in your partial answers.

NOTE: When you type asterisks at the beginning of partial answers, Crosswords must search through the entire alphabet. For faster searches, type asterisks in the middle or at the end of answers.

1. Type a partial answer at the Ready prompt. Press for every series of letters or spaces that you don't know.



IN*IS

In this example, the clue is "Dry summer city." The answer has 12 letters. You know that the first two letters are "IN" and the last two are "IS."

2. Press .



INDIANAPOLIS ↓

That's it!

3. Press when you're done.


A BELL FOR ADANO

That's it.



3. Press  if you want to see more answers.


ACTON BELL




4. Press  when you're done.

By Using

The fastest way to find names and phrases is by typing asterisks in your partial answers. Just type the part of the name or phrase that you know. For the parts you don't know, press . Then press .

NOTE: When you press  for a first name or for the first word in a phrase, Crosswords searches through the entire alphabet. For faster searches, type partial answers in which you know the first name or word.

1. **At the Ready prompt, type a part of name or phrase.** Press  at the parts you don't know.

A BELL FOR ADANO



That's it.


3. Press  if you want to see more answers.


ACTON BELL 

4. Press  when you're done.

By Using 

The fastest way to find names and phrases is by typing asterisks in your partial answers. Just type the part of the name or phrase that you know. For the parts you don't know, press . Then press .

NOTE: When you press  for a first name or for the first word in a phrase, Crosswords searches through the entire alphabet. For faster searches, type partial answers in which you know the first name or word.

1. **At the Ready prompt, type a part of name or phrase. Press**  **at the parts you don't know.**

JOHN*

In this example, the clue is "An American Patriot." You know his first name is "John".

2. Press .

JOHN



3. Press to see more answers.

JOHN HANCOCK



That's it.

4. Press when you're done.

Second Guessing Your Answers

When your answer fits except for one or two letters, type your full answer and then press **SECOND-GUESS**. You'll see a list of answers with only one letter changed.

To see answers with two letters changed, just press **SECOND-GUESS** a second time. Press it a third time for answers with three letters changed, and so on.

1. Type a complete crossword answer at the Ready prompt.

LENDER

In this example, the clue is "Someone with a lot to lose." You've penciled in "LENDER." But the down answer that goes through the "N" doesn't fit.

2. Press **SECOND-GUESS**.

bENDER





Lower case means the letter has changed.

3. Press  to see more answers.

LEaDER 

That's it.

4. Press  again to find answers with two letters changed.

5. Press  to see the answers.

6. Press  when you're done.

Rearranging Letters To Form Words

For word games such as Scrabble™, use the **JUMBLE** key. **JUMBLE** rearranges random letters to form words.

Just type letters and then press **JUMBLE**. Crosswords will ask you the minimum number of letters the words should have. The higher the minimum, the fewer words **JUMBLE** will form.

NOTE: Since Crosswords is designed primarily for crossword puzzles, **JUMBLE** may form words that can't be played in Scrabble—abbreviations, prefixes, etc. Check your dictionary before using them.

1. At the Ready prompt, type a series of letters.

NXR50

Your Scrabble rack holds these letters—N, X, R, S, and O. What words can you make?

2. Press **JUMBLE**.



Min size: 5 ↓

3. Press  or  to select a minimum word size.


For this example, select 4.

4. Press .






If you see “No words!”,  can't form words from the letters you typed. In that case, press  to return to the Ready prompt.

5. Press  to see more words.

6. Press  when you're done.

► ***A Tip for Scrabble Players.***

Use  for the blank box. For example; if you have Z, X, Y, R, S, O, and the blank box in your rack, type ZXYRSO and a question mark at the Ready prompt. Then press .

With the question mark acting as a wild card,  finds words such as ONYX and ORYXES.

Troubleshooting Guide

Problem	Possible Cause	Solution
1. I don't see anything on the screen.	1a. The unit may not be on. 1b. The display contrast may be too low. 1c. The batteries may be low or missing.	1a. Press ON/OFF. 1b. Adjust the contrast by pressing UP ARROW and DOWN ARROW at the Ready prompt. 1c. Install new batteries.
2. I'm getting more answers than I want.	2. You may not be typing enough letters in your partial answers to narrow the search.	2. Press CLEAR and retype your partial answers with more letters.
3. When I type a question mark or an asterisk, my searches take too long.	3. You may be typing the question mark or asterisk at the beginning of partial answers, requiring Crosswords to search the entire alphabet.	3. Press CLEAR and re-type your partial answer with the first letter typed.
4. When I press PHRASES, my searches take too long.	4. You may be typing words that begin with letters near the end of the alphabet.	4. Type words that begin with letters nearer the beginning of the alphabet. Then press PHRASES.
5. I want to see second guesses with more than one letter changed.	5. You probably have pressed SECOND GUESS only once after typing a partial answer.	5. Press SECOND GUESS again. Then press the down arrow key to see second guesses with two letters changed. Press SECOND GUESS a third time for answers with three changed letters, and so on.

Technical Specifications

Contents

More than 250,000 crossword words, phrases, and other answers from Merriam-Webster®.

Search and Retrieval Technology

The CW-50 features Franklin's proprietary search and retrieval technology, SpellBlaster II™, MatchMaker II™, Crossword Solver, WordBuilder™, and user interface.

Hardware

Microprocessor: 65C02

ROM size: 4 megabits

RAM size: 2 kilobytes

LCD: 1 x 16 characters, dot matrix display

Keyboard: 5 dedicated function keys, plus letter and typewriter keys.

Size: 6.5" x 4" x 1"

Weight: 5.5 oz. without batteries

Screen contrast adjustment

Vinyl carrying pouch

Batteries

The CW-50 runs on four AAA 1.5-volt batteries (not included). To install them, open the battery compartment on the back of the unit. Insert the new batteries, aligning the pluses on the batteries with the pluses in the compartment.

Product Care

To clean the CW-50, spray a mild glass cleaner onto a paper towel and wipe the surface clean. Don't spray cleaner directly onto the unit. Don't store or use the CW-50 in extreme heat, cold, or humidity.

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Customer Service

If you have a problem with your CW-50, refer to the limited warranty information.

If you bought your CW-50 outside the United States, contact the place of purchase to obtain warranty or repair information.

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