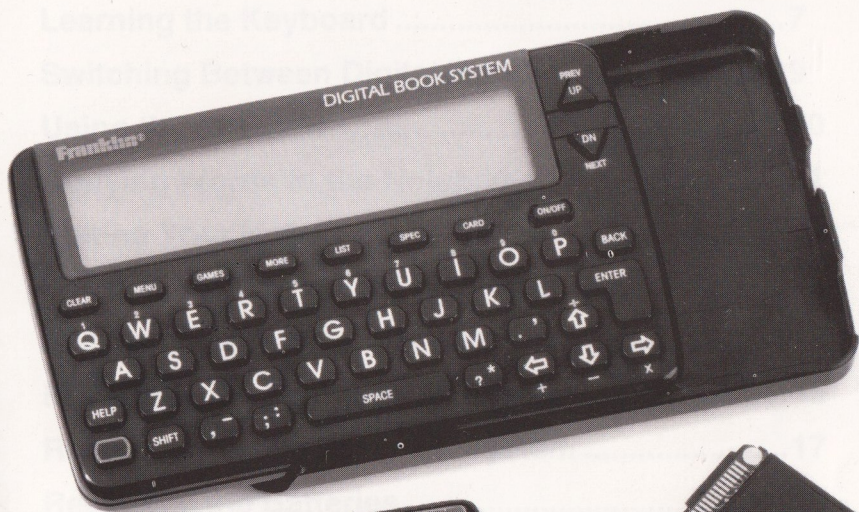




DIGITAL BOOK SYSTEM™

Basic Operating Guide



***Read This
Guide First***

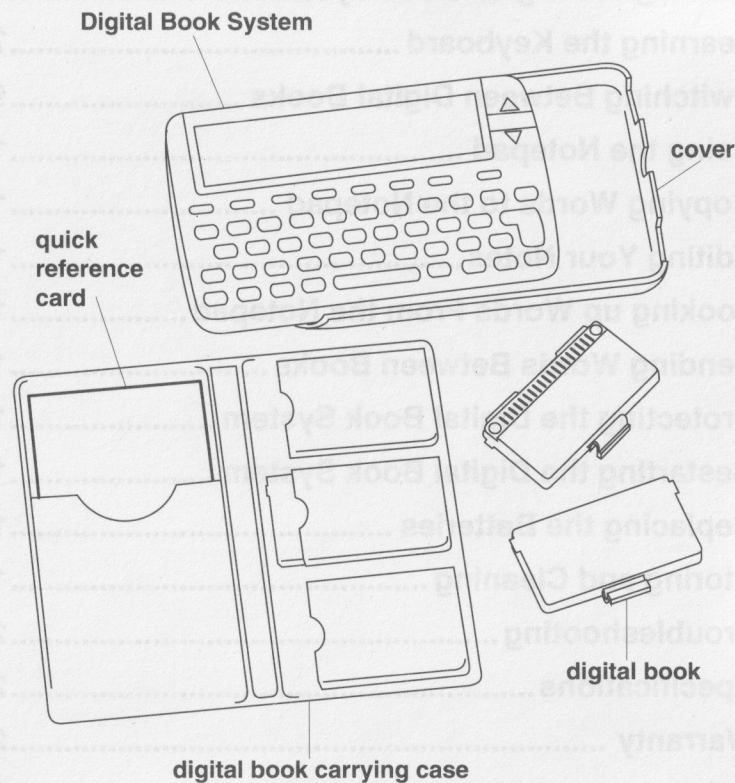
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Your New Digital Book System™

Congratulations. You now have a portable, powerful, and flexible way to search and retrieve information instantly.

Small enough to fit in your shirt pocket, the Franklin® Digital Book System combines the latest information technology with a unique, multi-book design.



What is a Digital Book?

A digital book is a matchbox-sized cartridge that can store up to 45 megabytes of information, the equivalent of 10 printed Bibles. Franklin's digital books provide instant searching, indexing, cross-referencing, and many other features not found in conventional books and references.

Digital books store their information in read only memory (ROM). Some digital books, such as personal organizers, also have random access memory (RAM) that allows you to save and retrieve your own information in them.

What Can the Digital Book System Do?

At home, work, or school, you can use your Digital Book System to

- instantly find words, phrases, and topics in digital books
- rapidly scroll through text and graphics
- conveniently switch between installed digital books
- quickly type, edit, and save notes in a built-in notepad
- easily copy words from digital books to your notepad, and
- highlight words and phrases and send them between books.

For example, you can look up a dictionary definition of a word in an encyclopedia entry. Or you can research a drug recommended by a therapeutics manual in a handbook of drug interactions.

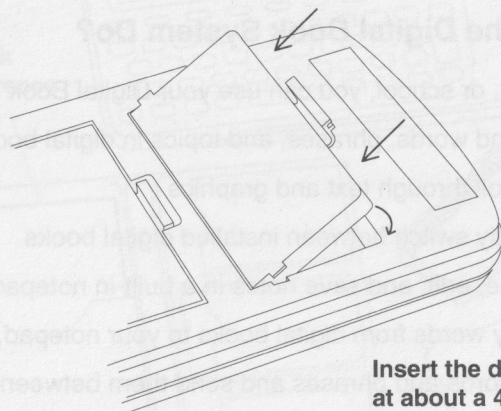
This Basic Operating Guide explains how to use your Digital Book System. To learn how to use a specific digital book, read its User's Manual and Quick Reference Card.

Installing Digital Books

Your Digital Book System will operate only when one or two digital books are installed. If you install only one book, it doesn't matter which book slot you use. Often, the Digital Book System is packaged with digital books already installed.

1. **Turn the Digital Book System off.**
2. **Insert the digital book into either slot on the back of the Digital Book System.**

Make sure the digital book's tabs are aligned with the notches in the slot and that the book's metal contacts are facing down.



Insert the digital book at about a 45° angle.

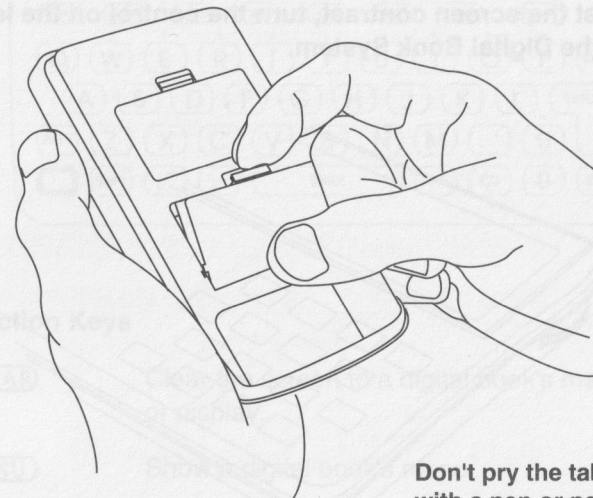
3. **Gently snap the digital book into the slot.**

WARNING If you install digital books while your Digital Book System is on, information that you entered in those books could be damaged or erased.

Removing Digital Books

One advantage of the Digital Book System is that you can install and replace digital books to suit your needs. Here's how to remove digital books.

1. **Turn the Digital Book System off.**
2. **Using your fingernail, compress the digital book's tab while pulling the digital book from the slot.**



Don't pry the tab with a pen or pencil.

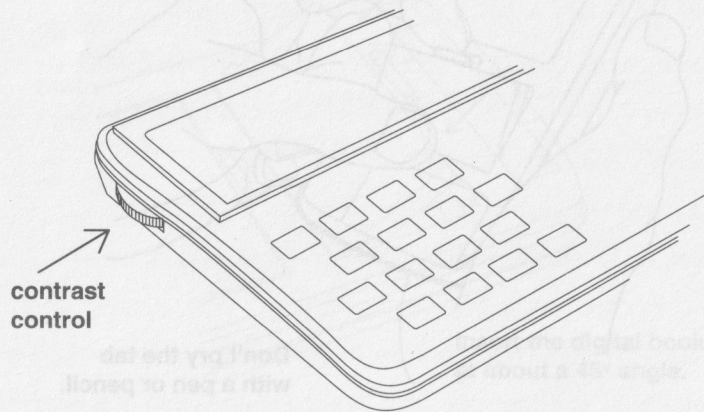
WARNING If you remove digital books while your Digital Book System is on, information that you entered in those books could be damaged or erased.

Starting the Digital Book System

With digital books installed, you're ready to start using your Digital Book System.

Don't worry if you forget to turn off the Digital Book System when you're done. It will shut off automatically after a few minutes. And when you turn it on again, it will usually return to the last display you saw.

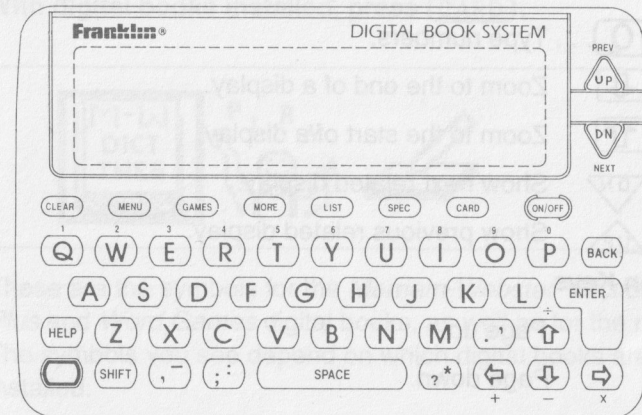
1. Press **ON/OFF**.
2. To adjust the screen contrast, turn the control on the left side of the Digital Book System.



3. If the screen remains blank, check the batteries.

Learning the Keyboard


This is a general guide only. Read your User's Manual and Quick Reference Cards to learn what the keys do when using specific digital books.














Function Keys








- CLEAR** Clear the screen to a digital book's main prompt or display.
- MENU** Show a digital book's menu.
- GAME** Show a digital book's games, if any.
- MORE** Show more information about the current display.
- LIST** Show a list of words, terms, etc.
- SPEC** Do special tasks.
- CARD** Show symbols of the installed digital books.

Gold Key Combinations

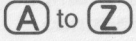


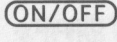




Gold key combinations are entered by holding  while pressing other keys.

-  Show the Gold key combinations for a digital book.
-  +  ... Type numbers.
-  +  Zoom to the end of a display.
-  +  Zoom to the start of a display.
-  +  Show next related display.
-  +  Show previous related display.

Direction Keys

-  Page up.
-  Page down.
-  Backspace, or go back to the previous display.
-   Scroll line by line.   Move the cursor.

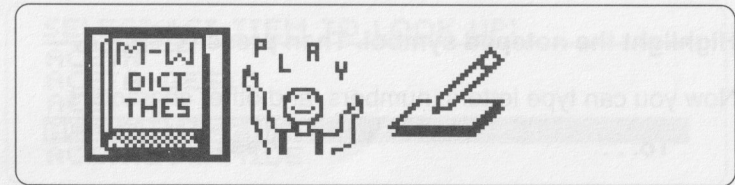
Other Keys

-  Type letters.
-  Start a main task, such as searching.
-  Show a help message.
-  Turn the Digital Book System on and off.
-  Type punctuation.
-  Type punctuation, and do tasks in certain books.
-  Shift keys to type capitals and other characters.
-  Type a space.



Switching Between Digital Books

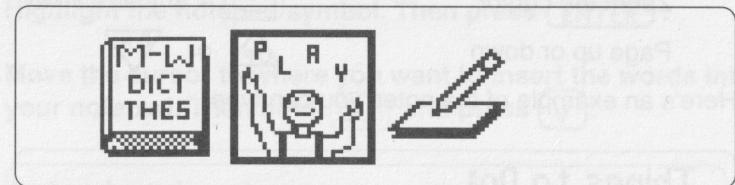
You can switch from reading one installed digital book to reading the other at any time. Here's an example.

1. With digital books installed, press .



These are the symbols for the *Merriam-Webster® Dictionary Plus* and *Word Games* digital books, as well as for the notepad. The symbols you see depend on which digital books are installed.

2. To highlight a book symbol, press  or .



3. Press .

The highlighted book opens. To switch to the other digital book, repeat the steps above.









Using the Notepad

The Digital Book System contains a built-in notepad that can store up to 60 lines of text. You can use the notepad regardless of which digital books are installed. Here's how to type notes.

1. Press **CARD**.

2. Highlight the notepad symbol. Then press **ENTER**.

Now you can type letters, numbers, and other characters.

To ...	Press ...
Type letters	the letter keys
Type numbers	 + Q , W etc.
Erase characters	BACK
Insert a line	ENTER
Move the cursor	   
Zoom the cursor	 + any arrow key
Page up or down	 or 

Here's an example of the notes you can type.

Things to Do:

1. Revise 2nd qtr sales report.
2. Call ad agency re: new campaign.
3. Order tickets for game tonight.
4. Buy more digital books.

3. To save your notes and exit the notepad, press **CARD**.

Copying Words to the Notepad

Besides typing words in your notepad, you can copy them directly from installed digital books. Here's an example using *The Medical Letter® Handbook of Adverse Drug Interactions*.


1. Highlight a word or phrase in a digital book.

```
SELECT 1ST ITEM TO LOOK UP:  
ACETA  
ACETA-GESIC  
ACET-AM  
ACETAMINOPHEN  
ACETAZOLAMIDE
```

In the *Handbook of Adverse Drug Interactions*, you press the arrow keys to highlight a word. In other books, you press **ENTER** and then the arrow keys. Read their User's Manuals for details.

2. Hold  and press **CARD**.

3. Highlight the notepad symbol. Then press **ENTER**.

4. Move the cursor to where you want to insert the words into your notepad. Then hold  and press **V**.

```
acetaminophen
```

Here's the word you highlighted, now in your notepad.

Editing Your Notes

Once you have notes in your notepad, you can cut, copy, and paste them in the notepad as you would in a word processor. Here's how.

1. Move the cursor to a word in the notepad. Then highlight it by pressing **(MORE)**.

```
Things to Do:
1. Revise 2nd qtr sales report.
2. Call ad agency re: new campaign.
3. Order tickets for game tonight.
4. Buy more digital books.
```

To ...	Press ...
highlight the next word	(MORE)
unhighlight a word	(BACK)
highlight lines	() + (MORE)
highlight all text	() + (SHIFT) + (MORE)
unhighlight text	any arrow key
delete highlighted text	(CLEAR)

2. Hold **()** and press **(X)**.

The highlighted text disappears, but it hasn't been deleted. To copy rather than cut highlighted text, hold **()** and press **(C)**.

3. Move the cursor to where you want to paste words in the notepad. Then hold **()** and press **(V)**.

If you cut or copy text, and then cut or copy more text before pasting the first, the first text will be deleted. Also, you can't undo cut, copy, and paste commands.

Looking up Words From the Notepad

You can look up words and phrases from your notebook by sending them to certain digital books. Not all digital books, however, can receive words. And most digital books can't receive more than one or two words at a time. So don't send long phrases or entire lines.

In this example, we'll look up a word in the *Merriam-Webster® Dictionary Plus*.

1. Move the cursor to the word you want to send from the notepad. Then highlight it by pressing **(MORE)**.

```
My vocabulary list:
1. ingenuous
2. stentorian
3. ephemeral
4. plethora
```

2. Hold **()** and press **(CARD)**.
3. Highlight the symbol of the digital book you want to send to. Then press **(ENTER)**.
4. Press **(ENTER)** again.

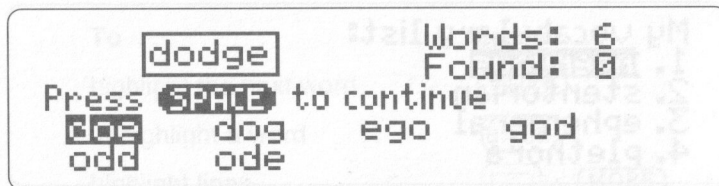
```
in+gen+u+ous (adjective)
: innocent and candid
in+gen+u+ous+ly (adverb)
in+gen+u+ous+ness (noun)
```


Sending Words Between Books

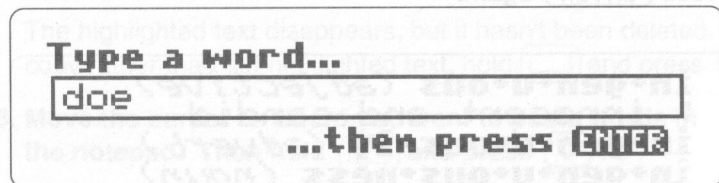
Just as you can send words and phrases between digital books and the notepad, so can you send them between certain digital books. Remember, not all digital books can receive words. When you try to send words or phrases to those books, you'll see an appropriate message.

The example below shows how to look up a word from *Word Games* in the *Merriam-Webster® Dictionary Plus*.

1. Highlight an anagram in *Word Games* by pressing **ENTER** and then the arrow keys.



2. Hold **CARD** and press **CARD**.
3. To highlight the *Dictionary Plus* symbol, press **←** or **→**. Then press **ENTER**.

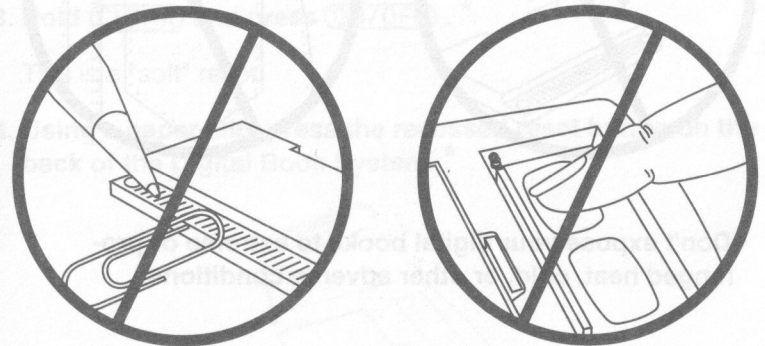


4. To see the word's definition, press **ENTER**.

Protecting the Digital Book System

Your Digital Book System is designed to be durable. Follow these precautions to get the longest use from it.

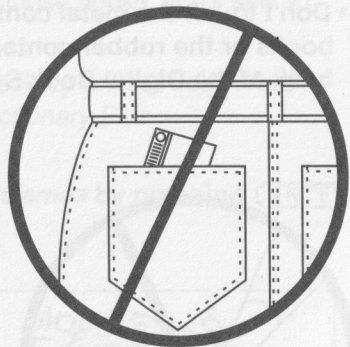
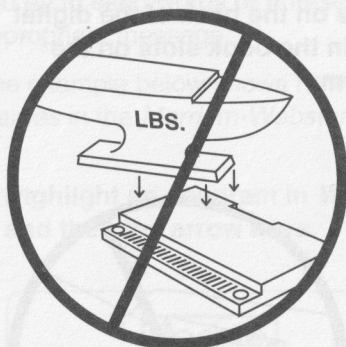
- Don't touch the metal contacts on the back of the digital books or the rubber contacts in the book slots on the back of the Digital Book System.



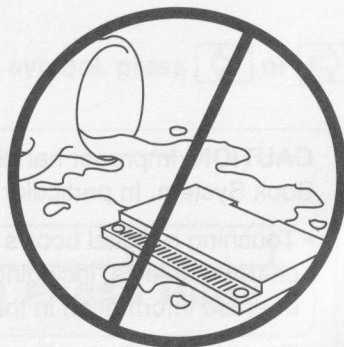
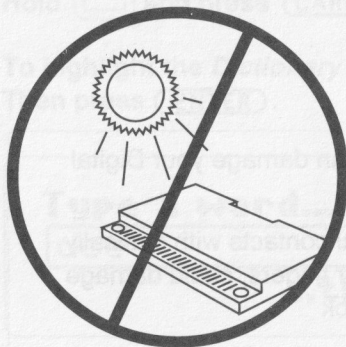
CAUTION Improper handling can damage your Digital Book System. In particular

- Touching a digital book's metal contacts with statically charged objects, including your fingers, could damage or erase information in that book
- Touching the Digital Book System's rubber contacts could damage them.

- Don't put excessive pressure or weight on your digital books or Digital Book System.



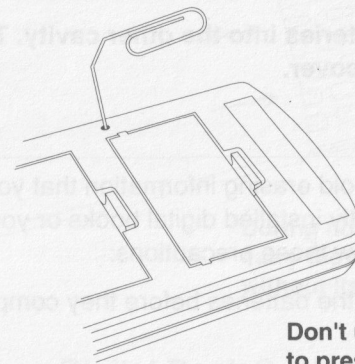
- Don't expose your digital books to extreme or prolonged heat, cold, or other adverse conditions.



Restarting the Digital Book System

During normal use, your Digital Book System should perform smoothly. However, if the keyboard fails to respond or the screen displays unusual characters, try these steps in sequence until normal operation resumes.

1. Press **CLEAR**.
 2. Press **ON/OFF** twice.
 3. Hold **CLEAR** and press **ON/OFF**. *
- This is a "soft" reset.
4. Using a paper clip, press the recessed reset button on the back of the Digital Book System. *



Don't use a pen or pencil to press the reset button.

*** WARNING** When you reset the Digital Book System, settings and other information that you entered in the currently installed digital books, as well as the notes in your notepad, will be erased.

Replacing the Batteries

Your Digital Book System runs on four CR2032 lithium batteries. When they're low on power, you'll see a warning message when you turn on the Digital Book System. Have four new batteries ready before you follow these steps.

1. Turn the Digital Book System off.
2. Remove the battery cover on the back of the Digital Book System. Then remove all four batteries.
3. Promptly slide two new batteries into the battery cavity with the metal clip over it.

Don't bend the metal clip. (It's an electrical contact.) And make sure the batteries' plus (+) signs are facing up.

4. Slide two new batteries into the other cavity. Then replace the battery cover.

CAUTION To avoid erasing information that you have entered in currently installed digital books or your notes in the notepad, follow these precautions:

- Always replace the batteries before they completely lose power.
- Never remove batteries while the Digital Book System is on.
- Never mix old and new batteries.
- When you remove batteries, install new batteries within two minutes to maintain information that you've entered.

Storing and Cleaning

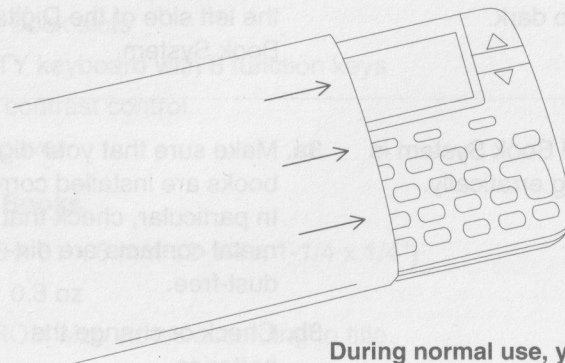
Storing Your Digital Book System

When you're not using your Digital Book System, here's how to store it.

- Keep two digital books or dummy books installed at all times to prevent dust from building up in the book slots.

Store your other digital books in their carrying case.

- For extra protection, slide the plastic cover over the front of your Digital Book System.



During normal use, you can carry the Digital Book System without its cover.

Cleaning Your Digital Book System

To clean digital books, apply isopropyl alcohol with a cotton swab.

To clean the Digital Book System, apply a mild household cleaner with a soft cloth. **CAUTION:** Spraying cleaners directly on the Digital Book System could damage its circuitry.

Troubleshooting

Problems

Solutions

-
1. I don't see anything on the screen.
- 1a. Make sure the batteries are installed correctly.
 - 1b. Make sure that your digital books are installed correctly.
 - 1c. Make sure the Digital Book System is on.
-
2. The screen display is too light or too dark.
- 2. Adjust the contrast control on the left side of the Digital Book System.
-
3. My Digital Book System is performing erratically.
- 3a. Make sure that your digital books are installed correctly. In particular, check that their metal contacts are dirt- and dust-free.
 - 3b. Check or change the batteries.
-
4. The keyboard or screen does not respond.
- 4a. Press **(CLEAR)**.
 - 4b. Press **(ON/OFF)** twice. If nothing happens, try Steps 4c and 4d.
 - 4c. Hold **(CLEAR) + (ON/OFF)**.
 - 4d. Using a paper clip, press the recessed reset button on the back of your Digital Book System.

Specifications

Digital Book System (DBS-1)

RAM size: 32 kilobytes

CPU: 65C816

CPU Speed: 2.5 MHz

LCD: 5-line, 40 x 160 continuous-pixel

Batteries: Four CR2032 lithium batteries

Size: 129 x 84 x 15 mm (5 x 3-1/4 x 5/8")

Weight (with batteries and 2 digital books): 4.6 oz.

A built-in notepad storing up to 60 lines of text

2 digital book slots

QWERTY keyboard with 8 function keys

Screen contrast control

Sliding cover

Digital Books

Size: 58 x 31 x 6 mm (2-1/4 x 1-1/4 x 1/4")

Weight: 0.3 oz

ROM: ROM size varies according to title.

RAM: RAM size varies according to title.

Batteries: Some digital books have built-in batteries.

Copyrights, Trademarks, Patents, and Product Numbers

Model DBS-1 ©1992 Franklin Electronic Publishers, Inc.

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U.S. Patents: 4,490,811; 4,830,618; 4,891,775; 5,007,019;

5,113,340. European Patent: 0 136 379. Patents Pending.

ISBN 0-945731-89-2

Limited Warranty

FRANKLIN warrants to you that the DIGITAL BOOK SYSTEM will be free from defects in materials and workmanship for one year from purchase. In the case of such a defect in your DIGITAL BOOK SYSTEM, FRANKLIN will repair or replace it without charge on return, with purchase receipt, to the dealer from which you made your purchase or Franklin Electronic Publishers, Inc., 122 Burrs Road, Mt. Holly, NJ 08060, within one year of purchase. Alternatively, FRANKLIN may, at its option, refund your purchase price.

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Electronic Publishers

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