

# Supplemental Handwriting Guide





### Preface

This guide includes a series of handwriting training sets for the CrossPad. It is divided into three sections. Some parts of each section take place on your CrossPad, others on the PC. There are natural stopping points within and between sets, so you can complete them in stages.

The tutorial and question and answer sections that follow this introduction will explain the process in more detail. For additional information, you can also refer to Training for Improved Handwriting Recognition, Section 12 of the CrossPad User Guide.

Before you begin training with this guide, you may want to spend some time using CrossPad and the Ink Manager software with its default handwriting recognition settings. Depending upon how you plan to use this feature of the software (e.g. to retrieve Notebooks or find Notebook entries quickly with Keywords that you have recognized to text), you may find that CrossPad recognizes your current handwriting well enough for your needs without additional training.

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#### Introduction

This section provides an overview of the Ink Manager software, a handwriting training tutorial, and a Practice Set that walks you through the completion and transfer process.

	About
Ink Manager Trainer Q & A	5 minutes
Ink Manager Trainer Overview	
Ink Manager Trainer Tutorial	
Practice Set	10 minutes
Verify	5 minutes



#### **Basic Training Sets**

This section includes the two training sets we recommend to get started on the handwriting training process. You can complete these sets in sequence but must complete both before completing the Additional Sets.

Basic Set 1	About
Write and Transfer (12 pages)	20 minutes
Verify	10 minutes
PC Processing	45 minutes*
Basic Set 2	About
	110001
Write and Transfer (12 pages)	20 minutes
Write and Transfer (12 pages) Verify	20 minutes 10 minutes
Write and Transfer (12 pages) Verify PC Processing	20 minutes 10 minutes 60 minutes <sup>†</sup>



#### Additional Sets

This section includes seven additional training sets designed to improve Ink Manager's ability to recognize particular aspects of your handwriting. These sets can also be completed in any sequence.

Additional Set 1	(6 pages)
Additional Set 2	(6 pages)
Additional Set 3	(6 pages)
Additional Set 4	(6 pages)
Digit & Symbol Set	(6 pages)
Uppercase Set	(6 pages)
Character Specific Sets	(12 pages)

\* Processing times may vary based on your PC model. If you intend to do Basic Set 1 and Basic Set 2 at about the same time, you may want to defer processing until both sets are verified.

† Processing times for Basic Set 2 increase because they include a re-processing of Basic Set 1 information. Processing times for additional sets can increase to up to 2 hours for all sets because the software refers to all of your previous writing samples.

# IBM Ink Manager Trainer



## Q & A

#### What is Ink Manager Trainer?

Ink Manager Trainer is a software utility that can improve the ability of Ink Manager to convert your handwriting to text.

#### How does training work?

You write a series of predetermined sentences. Ink Manager Trainer compares your handwritten sentences to these prompts to learn your writing style.

#### How is training organized?

Ink Manager Trainer is divided into a series of handwriting sample exercises. This section of the Supplemental Handwriting Guide starts with a Practice Set (2 pages) to help acquaint you with the format for the Ink Manager Trainer exercises. It is a prerequisite for the other sets in this guide: you must write, verify and have Ink Manager Trainer process your Practice Set sample before doing additional training.

#### How many sets are there?

There are two (2) basic sets and another seven (7) additional training sets available to help further personalize your copy of Ink Manager. The first several sets focus on general alphanumeric instruction. The remainder concentrate on uppercase letters, numbers, symbols and special characters. In each set you provide handwriting samples and refine them on the PC. Ink Manager Trainer processes them and stores the results in your User Properties profile.

#### Which sets should I complete?

If you intend to make frequent use of the recognition capability of the software, we strongly recommend that you take the time to complete both of the basic training sets in Section 2 of this guide.

# Do I need to complete a set or sets in one session?

No. In fact, you may want to take a break within a set (e.g. write and transfer now, then verify and process at some later point), or rest between sets so that you are fresh for the second handwriting sample. You can even capture and transfer a training set and digital notes during the same upload. Just be sure to tap Cancel to exit training mode before you resume taking digital notes.

#### How careful should I be about my writing quality when I write the training sets?

You should try to write in the same style you typically write when you take notes. It isn't helpful to write in a formal style in training and then switch to an informal style thereafter. You will have "trained" the software for a different type of handwriting than it will generally encounter. If your training sets are too different from your actual handwriting style, it is possible to actually reduce the accuracy of the default handwriting recognition settings.

#### How does the software "organize" handwriting for recognition?

The handwriting capture and recognition capabilities of Ink Manager software are time-based. When you select a section of handwriting to convert to text, it reproduces those notes in the Recognition Results window in the order in which the notes were originally taken. If you went "back" in your notes to add something, that addition would appear in your recognition transcript in the sequence that you wrote the original notes, in the order those notes appear on the page.

#### How can I improve my handwriting recognition?

Here are some tips to follow during your training exercises and later when you are creating digital notes on your CrossPad.

- ► Write legibly and consistently.
- Separate words, leaving a clear gap left-to-right. Don't create gaps within a word.
- Dot your i's and j's and try to put the dot right over the letters.
- Cross your t's and try to put the cross right through the t.
- ► Avoid having a lot of slant in your writing.
- ▶ Try to keep on an even, horizontal line.
- Create a personal user dictionary.
- Set User Properties.

# Where do training sets go when they're uploaded?

Training sets are automatically uploaded to a Training Notebook on your PC. Whenever you open Ink Manager Trainer, this notebook opens automatically. These notebook pages look just like your Training Set page, with the text prompt shown above your digital ink.

The Training Notebook has several advantages: - You can delete uploaded training sets from your CrossPad once you've confirmed the transfer to your PC was Successful.

-You can write and upload several training sets before you verify, they are stored in your training notebook.

-You can store verified training sets in your training notebook.

-You can store verified training sets in your training notebook and process them at a more convenient time.

### **Overview**

This chart summarizes the handwriting training process. The Tutorial that begins on the following page provides more detail about what to expect at each stage.

		Description	What you'll need	Software involved
•	Provide a writing sample.	Copy prompt text in your handwriting from training sets in this guide.	CrossPad CrossWriter Pen Supplemental Handwriting Guide	CrossPad firmware
8	Upload the writing sample to your PC.	Transfer the completed training set from your CrossPad to your PC.	CrossPad CrossWriter Pen Serial Transfer Cable Your PC with Ink Manager installed	Ink Transfer
0	<b>Confirm</b> your User ID and writing style.	Confirm who wrote the training samples being transferred.	Your PC	Ink Manager Trainer
0	Verify the writing sample.	Use Ink Manager Trainer software to review and refine your training set.	Your PC	Ink Manager Trainer
0	Process the writing sample.	Have Ink Manager Trainer create a current profile for your hand- writing based on all the sets you've written.	Your PC	Ink Manager Trainer

### **Tutorial**

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This tutorial will familiarize you with Ink Manager Trainer before you are asked to create, verify and process a complete handwriting sample. This is the same sequence you will use to create actual writing samples.

#### Provide a writing sample.

- 1 Turn on your CrossPad.
- Select "Enter Training Mode?" from the Menu. CrossPad displays: "Training Page 1/1."

Note: Ink Manager Trainer numbers training set pages automatically.

**3** Turn to the first page of the Practice Set. You can use this set to practice writing, transferring and verifying a sample. It will collect a brief handwriting sample for you to transfer and review on your PC.

Note: The page immediately following includes a sample of what a completed training page might look like.

**4** Copy the five phrases on the first page in your handwriting in the space provided beneath each phrase.

Write each phrase once in exactly the order they are shown, from left to right on the line and top to bottom on the page. A second line is provided for each phrase. If you don't need it, don't use it.

Write in a natural style. Follow the upperand lowercase in the example precisely. If you make a mistake, begin the word you had a problem with again and continue. Don't go back and correct or strike out. The software includes tools for you to correct your sample on the PC at a later time. Note: If you normally write in all uppercase letters, copy the phrases that way. Ink Manager Trainer will convert the prompt text to all uppercase when the user specifies the all-uppercase writing style.

- When you have written all the phrases on page 1, tap Page Forward. The display should now read "Training, Page 2/2."
  - **6** Turn to the second page of the training set.
  - 7 Copy the five phrases on that page in your handwriting in the space provided beneath each phrase.
  - 8 Continue through the remainder of the training set until all pages have been completed.



Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Welcome to Ink Manager Trainer.

Tap **OK**. The display should read: "Training, Page 1/1."

Welcome to Ink Manager Trainer.

These practice sentences will not

tences These practice sen will not

be used by the trainer.

used l be E

Complete each ser ance before

Complete each sentence

before

moving to the next one.

moving to the next one,

## **Practice Set**

Welcome to Ink Manager Trainer.

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

These practice sentences will not

be used by the trainer.

Complete each sentence before

moving to the next one.





Please capitalize as shown.

Please refer to the

instruction manual for

more detailed instructions.

This ends the practice sentences.



## Upload the writing sample to your PC.

- **1** Connect your PC to the CrossPad with the serial transfer cable.
- Tap the Menu button on the CrossPad to end your training. The display prompts you: "Exit Training Mode?"
  - **3** Tap the **OK** button. CrossPad returns to the main display.
    - 4 Tap the Menu button on CrossPad. The display prompts you: "Upload Ink?"
    - **5** Tap the **OK** button. Ink Transfer recognizes this transfer as a training session and automatically opens Ink Manager Trainer.
    - 6 Watch for the "Upload Successful" message on your CrossPad display.

## Confirm your User ID and writing style.

Ink Manager Trainer then presents a screen on your PC that asks you to confirm which user is training (see the CrossPad User Guide, Section 7, for more information about multiple users). If you have not yet set your writing style, the software also prompts you to specify your handwriting style.

# Verify the writing sample using Ink Manager Trainer.

Ink Manager Trainer tracks the progress of each user's training and presents new options based on your training history. Initially you will be asked in a screen on your PC to indicate whether you have transferred the Practice Set, Basic Set 1 or Basic Set 2. After you have completed those sets, this prompt will change to reflect the additional training sets in Section 3 of this guide.

- **1** Select the training set you've transferred.
- 2 Select "Verify Your Writing Now."

Ink Manager Trainer then explains the tools you will use to fine-tune your writing sample before processing.

The main verification window has three panels:

#### Overview Window

Includes an outline of each page and each phrase in the training set you are verifying. Click any "tree" entry to look at the current status of a sentence.



Instructions Window Click the Instructions tab to display a quick reference guide. Editing Window Provides a window where you can compare your writing to the prompt text, edit your sample, and change the verification status of each line (?: not accepted, X: discarded, √: accepted).

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- **3** Confirm that the prompt text and writing are both from page "1." If not, look for help in synchronizing page numbers in the Training for Improved Handwriting Recognition section of your User Guide (Section 12) or online help.
- 4 Ink Manager Trainer presents your writing samples along with the prompt text. Review your written sample for each sentence against the prompt text word-for-word.
- 5 Use Ink Manager Trainer to edit your writing and/or prompt text to make sure that the writing matches the prompt exactly. Move the cursor over the sample and use it to select and delete any misspelled words, duplicated words, strikeouts or stray marks. You can edit the prompt text to make it match your handwriting, deleting or modifying individual words to create lines that match.

When you are satisfied with the match between the words in the prompt text and your samples for each line, click the ? (not accepted) icon once to change the status for that sentence to  $\sqrt{}$  (accepted). If most of the writing on a line is unclear or illegible, click the ? (not accepted) icon twice to change the status for that sentence to X (discarded).

Note: the text that you see in the verification window is the prompt text (NOT the recognition result).

6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has a either √ or X mark.

Tap Page Forward to move to the next page and verify each of the sentences on that page.

8 Continue through the set until all pages have been verified.

Note: Ink Manager Trainer will not process your writing until the verification process is complete.

Ink Manager Trainer requires that at least 85% of the samples in a set be accepted before processing. (In the 12-page Basic Sets this means you can discard up to 10 sentences). The more sentences you accept the better. Try not to discard any that could possibly be fine-tuned.

## Have Ink Manager Trainer process the sample.

When you have completed all of the pages in the set, select File ➡ Process.

**Note:** Since the purpose of the Practice Set is to familiarize you with the Ink Manager Trainer format, you will not need to process these samples.

The processing step for the Basic Set 1 can take up to 45 minutes (depending upon the processing capacity of your machine).

Processing for Basic Set 2 is about 60 minutes. And processing times for all additional sets can increase to up to two (2) hours for all sets. Because each time you prompt Ink Manager Trainer to process your writing samples the software refers to all your previous writing samples.

# IBM Ink Manager Trainer







The U.S.A. ranks #3 in population.

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

Can natural gas and coal

provide 60% of energy?

Prices of televisions have

fallen 28%, 1982-1992.





Less than three in. of rain

(7.6 cm) falls in Greenland & Antarctica.

Chicken "nugget" sales in public

restaurants decreased - 9% after '88.

Just 23% of U.S. citizens





don't support a law which

aims to block cigarette ads.

In exactly ten years, all-sports

radio grew to exceed 150 stations.

For {bachelor's / master's}

Tap the Page Forward button to move to "Training, Page 4/4" before you begin writing.

degrees, {Management / Education}

outman other fields.

Only 3.45% of typical households

will ignite much bulk wood as fuel.

Half of America's adults think many



small children receive worse moral

education now than 10 years ago.

Volunteer jobs are thought to be

performed by 38,146,000+ adults?

Yearly, strikes cut little



Tap the Page Forward button to move to "Training, Page 6/6" before you begin writing.

job time; 0.01% [down swiftly

from 0.26% idled in 1969-70].

Dues-paying union memberships include

sixteen million working people.

Reserves of 'strategic' oil





added quickly to the 4.5

billion gal. of 1980 to break

24 billion in fiscal '92.

Zinc imports = \$1 billion / year.

Nationally, carbon monoxide halved

Tap the Page Forward button to move to "Training, Page 8/8" before you begin writing.

since the 1971 written government data.

While number of jet airplanes

ordered slides from 1975, total

fleet value (& tax) conveyed goes up!

Quarry employment logs effectively

declined a sizable twenty



Tap the Page Forward button to move to "Training, Page 9/9" before you begin writing.

percent in < 12 years.

A successful apple harvest's

huge size possibly equals

some 8 billion pounds.



Ocean water is mixed with 4% salt.

The total building-construction economy

expects to be > \$500 billion annually.

Color blindness is \*36\* times

more likely in a guy than a lady!



Tap the Page Forward button to move to "Training, Page 11/11" before you begin writing.

News: Bankruptcy filings just

edged over 20,000 / week.

Did you know Mr. John Smith

is the topmost common name?

Xenon is technically inert.



Keep Mike's phase info, if you can,

Mr. Cox, as she & I have helped invoke

on Jan's system disk, @ C: \~j6 \^zq|, okay?

THE QUICK BROWN FOX

JUMPED OVER THE LAZY DOG.

## Upload the writing sample to your PC.

- **1** Connect your PC to the CrossPad with the serial transfer cable.
- Tap the Menu button on the CrossPad to end your training. The display prompts you: "Exit Training Mode?"
- **3** Tap the **OK** button and CrossPad returns to the main display.
  - 4 Tap the Menu button on CrossPad. The display prompts you: "Upload Ink?"
  - **5** Tap the OK button. Ink Transfer recognizes this transfer as a training session and automatically opens Ink Manager Trainer.
  - 6 Watch for the "Upload Successful" message on your CrossPad display.

## Confirm your User ID and writing style.

Ink Manager Trainer then presents a screen on your PC that asks you to confirm which user is training (see the CrossPad User Guide, Section 7, for more information about multiple users).

## Verify the writing sample using Ink Manager Trainer.

- 1 Select the training set you've transferred.
- 2 Select "Verify Your Writing Now."
- **3** Confirm that the prompt text and writing are both from page "1." If not, look for help in synchronizing page numbers in the Handwriting Training section of your User Guide or online help.
- **4** Review your written sample for each sentence against the prompt text word-for-word.

5 Move the cursor over the sample and use it to select and delete any misspelled words, duplicated words, strike-outs or stray marks.

When you are satisfied with the match between the words in the prompt text and your samples for each line, click the ? (not accepted) icon once to change the status for that sentence to  $\sqrt{}$  (accepted). If most of the writing on a line is unclear or illegible, click the ? (not accepted) icon twice to change the status for that sentence to X (discarded).

- 6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has either √ or X mark.
- Tap Page Forward to move to the next page and verify each of the sentences on that page.
  - 8 Continue through the set until all pages have been verified.

# Have Ink Manager Trainer process the sample.

The processing step for the Basic Set 1 can take up to 45 minutes (depending upon the processing capacity of your machine).







Vice presidents have become president

■ Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

only 14 times, most recently, Mr. Bush.

The most frequent documented

ancestry which Americans claimed

was 'German,' @ 23%.





Today, up to approx. 40% of

United States patents are granted

to people who are not American!

Jogging isn't routine for

about 92% of Americans.



Tap the Page Forward button to move to "Training, Page 3/3" before you begin writing.

Do you know why America

presently accounts for about

50% of world tuna consumption?

The average bus-load of

tourists spends above

Tap the Page Forward button to move to "Training, Page 4/4" before you begin writing.

\$4,300 / day when away from home.

How come U.S. music production

companies realize about 70% of

their revenue from other countries?

Statistics Show Shoppers Admit





Tap the Page Forward button to move to "Training, Page 5/5" before you begin writing.

To Spending An Average Of

42.3 Seconds Choosing Bread.

[In The Last 100 Years,]

Americans' Median Age Kept

Advancing Slowly, From 22 To 34.



Tap the Page Forward button to move to "Training, Page 6/6" before you begin writing.

Each Year, 2% Of The Population

Gets Married (& 1% Gets Divorced).

The Average American Visits Just

A Single National Park Per Year.

**Objectively, Barbers Exhibit The Longest** 



Tap the Page Forward button to move to "Training, Page 7/7" before you begin writing.

Tenure; Average = 27 Years' Experience.

**Current Life Expectancy For** 

{Females, Males} Is {79, 72} Years?

Below Age 45, Male Poplulation

Exceeds Female (By 5%).

Tap the Page Forward button to move to "Training, Page 8/8" before you begin writing.

Fact: 81% Of Arrests Are Of Men,

And > 94% Of Prisoners Are Men!

Quarterly, The Average American

Finds Spending < \$12

Sufficient For Recorded Music.




When Highest United States Birth

Rates Occur Is Between May & September?

One In 13 Americans Lives In

The New York "Metro Area" Now.

Almost 38% Of America's Immigrants



#### Basic Set 2

Tap the Page Forward button to move to "Training, Page 10/10" before you begin writing.

Come From Asia; 9% Are From Europe.

Daily, The U.S. Uses 1600

Gallons / Person Of Water.

Was Miami The U.S.'s

Southernmost City Anytime Before?

#### Basic Set 2



Know That The Average Medical Student

[Now] Graduates \$43,000+ In Debt.

Zaire Led Nearby Southern African

Countries In Population Growth.

More Than 1/4 Of Land Is



Owned By The Federal Gov't.

Americans Spend > \$2000 Per

Person Per Year On Insurance.

Population Growth In The United

States Is Projected To Be 0.9%.

of 12

#### Basic Set 2

#### Handwriting Training

#### Upload the writing sample to your PC.

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- Tap the Menu button on the CrossPad to end your training. The display prompts you: "Exit Training Mode?"
- **3** Tap the OK button and CrossPad returns to the main display.
  - 4 Tap the Menu button on CrossPad. The display prompts you: "Upload Ink?"
  - **5** Tap the OK button. Ink Transfer recognizes this transfer as a training session and automatically opens Ink Manager Trainer.
  - 6 Watch for the "Upload Successful" message on your CrossPad display.

#### Confirm your User ID and writing style.

► Ink Manager Trainer then presents a screen on your PC that asks you to confirm which user is training (see the CrossPad User Guide, Section 7, for more information about multiple users).

### Verify the writing sample using Ink Manager Trainer.

- 1 Select the training set you've transferred.
- 2 Select "Verify Your Writing Now."
- **3** Confirm that the prompt text and writing are both from page "1." If not, look for help in synchronizing page numbers in the Handwriting Training section of your User Guide or online help.
- **4** Review your written sample for each sentence against the prompt text word-for-word.
- 5 Move the cursor over the sample and use

it to select and delete any misspelled words, duplicated words, strike-outs or stray marks.

When you are satisfied with the match between the words in the prompt text and your samples for each line, click the ? (not accepted) icon once to change the status for that sentence to  $\sqrt{}$  (accepted). If most of the writing on a line is unclear or illegible, click the ? (not accepted) icon twice to change the status for that sentence to X (discarded).

- 6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has either √ or X mark.
- **7** Tap **Page Forward** to move to the next page and verify each of the sentences on that page.

 $|\mathbf{k}|$ 

8 Continue through the set until all pages have been verified.

#### Have Ink Manager Trainer process the sample.

Processing for Basic Set 2 is about 60 minutes. Processing times for all additional sets can increase up to two (2) hours for all sets, because each time you prompt Ink Manager Trainer to process writing samples the software refers to all your previous writing samples.



# IBM Ink Manager Trainer







The average American claims to make

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

1 weekend trip every 17 weeks.

Mexico, the Philippines and Canada

are the top three countries of

origin of foreign-born Americans.







12.4 million Americans are "taking

financial support" from people

who do not live with them.

Air conditioning was found in

sixty-eight percent of U.S. households?







Just barely 23 cities have

as many people as Staten

Island, the least populous

borough of New York City?

Water covers about 71%







of the earth's surface.

The most wanted sandwiches

at U.S. restaurants are,

in order: hamburger, roast

beef, and chicken.







Alaska has shown the highest birth

rate; West Virginia is lowest.

"Personal vehicle travel" increased

from previous levels - to slightly

beyond 1.5 trillion miles annually.







Did you know that New York drivers

effectively have perhaps 1,500,000

person-hours per day of traffic delays!

Federal money for ongoing research is

on the scale of \$5.4 billion / month.



### Upload the writing sample to your PC.

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- **4** Review your written sample for each sentence against the prompt text word-for-word.

5 Move the cursor over the sample and use it to select and delete any misspelled words, duplicated words, strike-outs or stray marks.

When you are satisfied with the match between the words in the prompt text and your samples for each line, click the ? (not accepted) icon once to change the status for that sentence to  $\sqrt{(accepted)}$ . If most of the writing on a line is unclear or illegible, click the ? (not accepted) icon twice to change the status for that sentence to X (discarded).

- 6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has either √ or X mark.
- **7** Tap **Page Forward** to move to the next page and verify each of the sentences on that page.
  - 8 Continue through the set until all pages have been verified.

### Have Ink Manager Trainer process the sample.

When you have completed all of the pages in the set, select File 
➡ Process.

Processing times for sets in Section 3, Additional Training, can increase to up to two (2) hours for all sets, because each time you prompt Ink Manager Trainer to process writing samples the software refers to all your previous writing samples.









"Training, Page 1/1."

baby recognizes is red.

School spending figures have increased

substantially since 1960, quadrupling

in inflation-adjusted dollars.





Tap the **Page Forward** button to move to "Training, Page 2/2" before you begin writing.

37% of Americans answer that they

own dogs; also, 31% have cats.

On average, taxes claim 35% of

Americans' income from the economy.

There is one dentist per 1600 people.







The average household gives

\$1,056 to charity each year.

The number of documented United States

measles cases has jumped very sharply -

more than 600% since 1987.







The U.S. telephone system's size

requires 1.5 billion miles of wire.

Statistics show men live

longer in Costa Rica than

in the United States.







Alaska has the highest annual

job pay; Connecticut is second.

The most popular format choice

for American radio is currently

described as "country" music.







American per-capita red meat

consumption is 113 pounds per

year (poultry, 58 pounds).

At least eighty-two million people

bring feed to "wild-life" birds.



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- 6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has either √ or X mark.
- **7** Tap **Page Forward** to move to the next page and verify each of the sentences on that page.
  - 8 Continue through the set until all pages have been verified.

### Have Ink Manager Trainer process the sample.

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Heart disease and cancer cause

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Tap **OK**. The display should read: "Training, Page 1/1."

one-third and one-quarter

of deaths, respectively.

New York has < 225 people per lawyer.

(North Carolina has 640.)





Tap the **Page Forward** button to move to "Training, Page 2/2" before you begin writing.

54% of bachelor's degrees

are earned by women.

In addition, Johns Hopkins

does receive the most

federal R&D funding.







Births outnumber deaths almost 2 to 1.

A nation-wide study claims that

20% of the children in

this country live below

the level of poverty.







An average of 4.6 babies are born

around the world every second.

Health motivates two out of

three people who exercise.

Heart transplants number 2000+ per year?





Tap the Page Forward button to move to "Training, Page 5/5" before you begin writing.

Walking is recognized as

the most common exercise.

National Forest land totals a roomy

192,245,000 acres (= 300,000 square miles).

It's gas heat that's used in







65% of homes built after 1992?

The # of students per computer

in public schools declined from

almost a hundred in 1983 to

a dozen and a half in 1993!



### Upload the writing sample to your PC.

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- **3** Tap the OK button and CrossPad returns to the main display.
  - 4 Tap the Menu button on CrossPad. The display prompts you: "Upload Ink?"
  - **5** Tap the OK button. Ink Transfer recognizes this transfer as a training session and automatically opens Ink Manager Trainer.
  - 6 Watch for the "Upload Successful" message on your CrossPad display.

#### Confirm your User ID and writing style.

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- 1 Select the training set you've transferred.
- 2 Select "Verify Your Writing Now."
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- **4** Review your written sample for each sentence against the prompt text word-for-word.

5 Move the cursor over the sample and use it select and delete any misspelled words, duplicated words, strike-outs or stray marks.

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- 6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has either √ or X mark.
- 7 Tap Page Forward to move to the next page and verify each of the sentences on that page.
  - 8 Continue through the set until all pages have been verified.

### Have Ink Manager Trainer process the sample.

▶ When you have completed all of the pages in the set, select **File 
♥ Process**.

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Japan is the leading

- Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"
- Tap **OK**. The display should read: "Training, Page 1/1."

source of recreational visitors

to the United States.

For your information, the average

American family has 3.17 people.







55% of men and 49% of

women make a time investment

in after-work physical

fitness development activities.

People take 30 billion aspirin per year.







Americans regularly drink 6.3

billion gallons of milk annually.

The smoking rate was brought

down from 50% to 25%;

then it rose to 29%.







The highest temperature recorded in

the United States is 122 degrees.

The biggest flight market is

New York {to/from} Los Angeles.

Americans enjoyed 4.6 billion





Tap the Page Forward button to move to "Training, Page 5/5" before you begin writing.

pounds of watermelon last year.

Four out of every ten

American citizens acknowledge

systematically trying to avoid

'fast-service' restaurants.






One-seventh of home use of

electricity goes to air conditioners.

In their late twenties, one

in five men and one in twelve

women live with their parents.



#### Additional Set 4

#### Upload the writing sample to your PC.

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- $\equiv$  **4** Tap the Menu button on the CrossPad to end your training. The display prompts you: "Exit Training Mode?"
- 7 3 Tap the OK button and CrossPad returns to the main display.
  - 4 Tap the Menu button on CrossPad. The display prompts you: "Upload Ink?"
  - 5 Tap the OK button. Ink Transfer recognizes this transfer as a training session and automatically opens Ink Manager Trainer.
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#### Confirm your User ID and writing style.

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#### Verify the writing sample using Ink Manager Trainer.

- 1 Select the training set you've transferred.
- 2 Select "Verify Your Writing Now."
- **3** Confirm that the prompt text and writing are both from page "1." If not, look for help in synchronizing page numbers in the Handwriting Training section of your User Guide or online help.
- 4 Review your written sample for each sentence against the prompt text word-for-word.

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- 6 Continue down the page, verifying each of the five sentences. The software will not let you move to the next page until each line has either  $\sqrt{}$  or X mark.
- **R** 7
  - Tap Page Forward to move to the next page and verify each of the sentences on that page.
  - 8 Continue through the set until all pages have been verified.

#### Have Ink Manager Trainer process the sample.

When you have completed all of the pages in the set, select File  $\Rightarrow$  Process.

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# **Digit & Symbol Set**





2900 + 458 = 3131 - 227?

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

{498, 814, 4687}

(371) 422-2878: 80011

\*897\* [943] [3882]

52.9%! \$762 #70:00







(493) 680-0715; 97996

03-69-25-048; 5,619,111.67!

'185: 055-98-09?'

(890) 233-8611?

"17234 & 31357 & 5270 & 2753"





Tap the Page Forward button to move to "Training, Page 2/2" before you begin writing.

(967, 2088, 976, 59117)

#1447 41% \$18.51!

\$525+! 470-0664

(963) 531-1399? #97856

#799: 210-01-24





Tap the Page Forward button to move to "Training, Page 2/2" before you begin writing.

55,048: 8,332: 563,957,590?

3,799,601,599,305!

(296) 588-1654? (692) 626-6000?

{77,954; 20,865; 73,576; 88,406}

7,910 + 814 = 16,156 - 7,432?







82664-8345? 40628-4219?

\$694! \$307! \$2,046!

\$0.12? [109] #65173!

\$3,784.41 - \$384.70 ~= \$3,400?

23 & 27 & 54 & 86 = 190!



Tap the Page Forward button to move to "Training, Page 2/2" before you begin writing.

 $3^2 + 4^2 = 5^2.$ 

6 = 7 = 8 = 2.

'1 | 2 | 3 | 4'

"1 @ 43 + 6 @ 28.95 + 4 @ 78 ~= 530"

5 > 9/2 > 4; 2 < 7/3 < 3



#### Digit & Symbol Set

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- **4** Review your written sample for each sentence against the prompt text word-for-word.

**5** Mover the cursor over the sample and use it to select and delete any misspelled words, duplicated words, strike-outs or stray marks.

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# **Uppercase Set**





Half A Million Fires Each

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"



Year Get Set Deliberately.

The Lowest Point In Colorado

Is Higher Than The Highest

Points Of Eighteen States.







Mongolia Is The Largest Landlocked Country.

U.S. Emergency Rooms Will Treat

About Forty-Three Hundred Lawn

Mowing Accidents This Year,

Many Using X-Rays.







Tap the Page Forward button to move to "Training, Page 2/2" before you begin writing.

The South Pole Is Colder

Than The North Pole.

The World Consumes Four

And One Half Trillion

Cigarettes A Year.







Tap the Page Forward button to move to "Training, Page 2/2" before you begin writing.

Radios Are Kept In Ninety-Nine

Percent Of Households.

Americans Consume Virtually A Quarter

Billion Pounds Of Zucchini Annually.

**One-Fourth Of Fatal Fires** 







Tap the Page Forward button to move to "Training, Page 2/2" before you begin writing.

Occur In December And January.

The U.S. Death Rate Is Highest

Between January And March.

**KANSAS HAS SIXTY-SEVEN THOUSAND** 

FARMS OF VARIOUS SIZES.







MORE THAN TWO MILLION DOLLARS

ARE BUDGETED EACH QUARTER TO

PROMOTE ENJOYMENT OF PRUNES.

THE QUICK BROWN FOX JUMPED

OVER THE LAZY DOG.



#### **Uppercase Set**

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# **Character Specific Sets**



#### Character Specific Set: "a k"

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

a a k k A A K K a a k k A A K K y

Tap **OK**. The display should read: "Training, Page 1/1."

yakked ark cake bazaar skunks

Knack Arak okay okra kick Anna

kapok kale hack Kana Akin mako

kayak ask oak Kea Aha tanks Kay

#### Character Specific Set: "b h"

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

Bach high hubbub hah hath Herb

bright bob hobo Bibb blah hubs

blab ebb Bobby huh hob bub hush

ah why ha Ho oh Hi uh Bo eh be He by

**Character Specific Set:** "C d O" Before you begin, tap the Menu button on your CrossPad until the display prom

c c d d o o C C C C D D D D O O O j

on your CrossPad until the display prompts: "Enter Training Mode?"

Tap OK. The display should read: "Training, Page 1/1."

chic dice Occur Dojo once Odor

Cyclone diode Condo void duct

Dolce could oops Disc Orca Odd

docked Doc Cody Code acid cold



Character Specific Set: "e x"

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

e e x x E E X X e e x x E E X X p

Tap **OK**. The display should read: "Training, Page 1/1."

vexed pox text xenon oxen Xero

Xylo Excel Exec ex Xenia Exert

ox Expo hexes Exile Exit oxide

exam Exo xylem axle xebec Xeno





Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

ffyyFFYYffyyFFYY

Tap **OK**. The display should read: "Training, Page 1/1."

fur any keys Fay Buffy my fifty

Yen elf Ty oaf you yam miff body

Yum fly ref yes fry Yin if Ye Foy

yak Fife why yoyo iffy Fa off by



Character Specific Set: "g z"

Before you begin, tap the **Menu** button on your CrossPad until the display prompts: "Enter Training Mode?"

g g z z G G Z Z g g z z G G Z Z

Tap **OK**. The display should read: "Training, Page 1/1."

high gray zero buzz zigzag Zip

lozenge eggs dozing Zed foggy

Go gazing Gum sizing Oz Giggly

zygote orzo Zap Zoo adz zee Gag



Character Specific Set: "i j"

■ Before you begin, tap the **Menu** button on your CrossPad until the display prompts: "Enter Training Mode?"

iijjllJJiijjllJJ

Tap **OK**. The display should read: "Training, Page 1/1."

Join jot jive jail It hi object

ire jaw Jim job Ira juicier jib

Is Jab jug jig sit ti ajar Ninja

If juries jet cojoin ion id Jay



#### Character Specific Set: "I t"

IITTLLTTIITTLLTTp

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

slept tilt lulls Tattle clout

twill plight kiln tell la Let

Lent don't style Told blot Trot

Lily that tuft Lit Talc acts fly



### Character Specific Set: "m n r" = Before you begin, tap the Menu button on your CrossPad until the display prom

m m n n r r M M M M N N N N R R R R g

on your CrossPad until the display prompts: "Enter Training Mode?"

Tap OK. The display should read: "Training, Page 1/1."

mourners hymn remnant McNair

Ron Rump minimum Men Norm try

Rainy Mart kiln name darn Ring

prom Ned err and inn's Nun Mummy

page number



Character Specific Set: "p s"

ppssPPSSppssPPSS

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

ask Sums so's opt Plus pops ship

Spy saps pass pays pi spas Sips

pals pumps Sudsy disc asp Pans

pros peps Purse up Pests apple



q q u u Q Q U U q q u u Q Q U U

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

equal Queue Duval aqua cliquy

quo quiz ovum Use Quad you quit

Quag Lulu Queen out Urn liquid

Us uh um quota gnu squid quip Up



#### Character Specific Set: "v w"

v v w w V V W W v v w w V V W W y

Before you begin, tap the Menu button on your CrossPad until the display prompts: "Enter Training Mode?"

Tap **OK**. The display should read: "Training, Page 1/1."

envy own view waive rev twelve

We've savvy swerve wives Wave

powwow awe Viv Van Duval Weave

ovum whew wavy Viva vow Wow Von

#### Character Specific Set

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