

Franklin[®]

MWD-480

www.franklin.com

Merriam-
Webster[®]
Dictionary &
MP3 Player

User's Guide

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Key Guide

Function Keys



Turns the product on or off.

Note: This key is located on the top of the device.



Goes to the word entry screen of the dictionary.



Displays the clock.



Cycles between the calculator, converter and Games menu.



Opens the MP3 player. Once in the MP3 player, cycles through the available modes.



In the dictionary, goes to the word entry screen. Clears the calculator. In the metric converter, goes



to its main menu. Deletes a track in the MP3 Setting menu.

Backs up, erases a letter, or turns off the highlight at an entry.



Enters a word, selects an item, or begins a highlight in a dictionary entry.



Goes to the Settings menu.



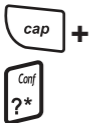
At a word entry screen, types a ? to stand for a letter in a word. At a dictionary entry, displays Confusables[®], if available. In games, reveals the word and forfeits the game.



Shifts to type capital letters.



In the MP3 player, plays a selected or paused track, or pauses a playing track. Press and hold to stop a playing or paused track.
Note: This key is located in the middle of the navigation buttons.



Combination Keys*

At a word entry screen, types an asterisk to stand for a series of letters in a word. In games, gives a hint.

** Hold down the first key while pressing the second.*



Direction Keys

Move up (▲), down (▼), left (◀), or right (▶). In the MP3 player, press ▶ /◀ to go to the next or

previous track. Hold ►/◀ to fast forward or rewind a track. Press ▲/▼ to increase or decrease the volume.

space

At menus and dictionary entries, pages down. At a word entry screen, types a space.

^

At a dictionary entry, displays the previous entry. In the MP3 player, goes to the previous equalization, folder, or repeat mode, including A-B repeat.

▼

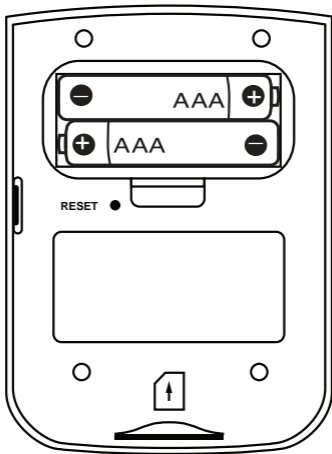
At a dictionary entry, displays the next entry. In the MP3 player, goes to the next equalization, folder, or repeat mode, including A-B repeat.

Replacing Batteries

Your product is powered by two AAA batteries. Follow these easy instructions to install or replace them. Please have the new batteries at hand before you remove the old ones.

- 1. Turn your product off and turn it over.**
- 2. Lift the battery cover on the back of your product by pushing up on the catch.**
- 3. Remove the old batteries, if necessary.**
- 4. Install the batteries following the +/- markings in the battery compartment.**

Important: Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.



5. Replace the battery cover.

Warning: If the batteries wear-out completely or if you take more than a few seconds while changing the batteries, any clock or game setting

information that was entered in the device may be erased.

Battery disposal: Do not dispose of batteries with normal household waste. Please obey your local regulations when disposing of used batteries.

Battery Precautions

- Different types of batteries or new and used batteries should not be mixed.
- Non-rechargeable batteries are not to be re-charged.
- Rechargeable batteries are to be removed from the device before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Only batteries of the same or equivalent type as recommended are to be used.

- The supply terminals are not to be short-circuited.
- Do not expose batteries to direct heat or try to take batteries apart. Follow the battery manufacturer's instructions for battery use.
- Always remove a weak or dead battery from the device.
- To avoid damage caused by leakage of the battery fluid, replace the battery or batteries once every two years regardless of how much the device has been used during that time.
- Should a battery leak, the device may become damaged. Clean the battery compartment immediately, avoiding contact with your skin.
- Keep batteries out of reach of small children. If swallowed, consult a physician immediately.

For Your Information

✓ **Follow the Arrows**

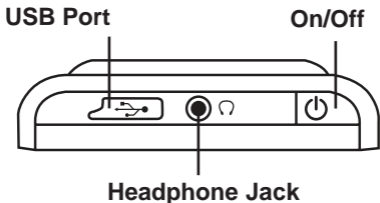
The flashing arrows on the right of the screen show which arrow keys you can press to move around menus or view more text.

✓ **About Screen Illustrations**

Some screen illustrations in this User's Guide may differ slightly from what you see on screen. This does not mean that your unit is malfunctioning.

Using the Special Features

Your unit is equipped with several special features.



On/Off: Located on the top of the device, turns the unit on and off.

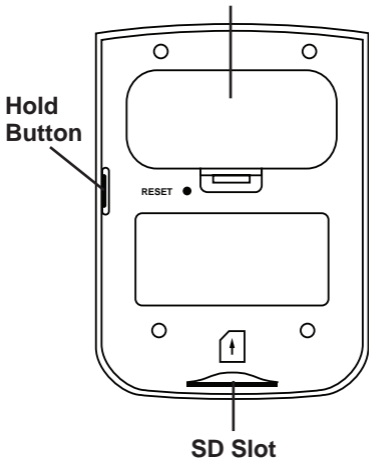
Headphone Jack: Located on the top of the device, the headphone jack is designed for 3.5 mm 35 ohm impedance stereo headphones.

Caution: Monophonic headphones will not work with this unit.

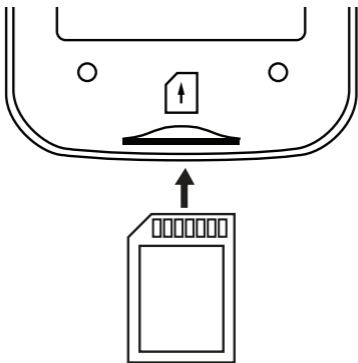
USB Port: Located on the top of the

device, remove the cover, then plug the provided USB cable into this port to connect your device to your PC.

Battery Compartment



SD Slot: Insert an SD card here. Slide the SD card into the slot with the contacts facing the back of the device. Push gently until it clicks into place. To remove an SD card from the slot, put your thumb on the SD card and push it in slightly. You hear a click and the SD card pops out. Slide it out of the slot.



Hold Button: Located on the right side of your device, the Hold button, when activated, disables the function of all buttons on your device. For use only when using the MP3 player.

Battery Compartment: The battery compartment is located on the back of the unit. It holds two AAA batteries.

Setting the Clock

The clock lets you set a Home time and view local times around the world. You must set the Home time before viewing World times because World times are based on Home time.

Setting Home Time

1. Press .

You see the Home Time mode.

- 2 Press **S** to enter the setting mode.
3. Press **▲** or **▼** to highlight the setting you want to change, then press **ENTER** to select it.

Press **▲** and **▼** to cycle through the available settings. Press **ENTER** when you are done. If there are multiple settings, for

example, hours and minutes, use ► or ◀ to move between the fields.

Select *Set Time Format* to select among the 12- and 24-hour Day/Month/Year formats.

Select *Set DST* to set Daylight Savings Time on or off.



Select *Set Time* to set the current hour and minutes.

Select *Set Date* to set the current date.

Select *Set Home City* to select your local city. **Note:** Please refer to the list of cities and abbreviations at the end of this User's Guide.

4. Press  to exit setting mode.

Setting World Time

1. Press  until you see “World City”.
2. Press **S** to enter the setting mode.
3. Press **▲** or **▼** to highlight the setting you want to change, then press **ENTER** to select it. Press **▲** and **▼** to cycle through the available settings. Press **ENTER** when you are done. Select *Set DST* to set Daylight Savings Time on or off. Select *Set World City* to select a foreign city.
4. Press  to exit setting mode.

Changing the Settings

When using this device, you can adjust the screen contrast, the shutoff time, and the type size.

- 1. Press MENU.**
- 2. Press ▲ or ▼ to highlight the setting you want and then press ENTER.**

Press ▲ and ▼ to cycle through the available settings. Press **ENTER** when you are done.

Contrast determines how light or dark your screen is.

Shut Off is the amount of time your product stays on if you don't press any keys.

Type Size determines the size of the print on the screen.

3. Press **▲** or **▼** to highlight a new setting and press **ENTER** to select it.

Press **BACK** to leave the setting unchanged.

4. Press **CLEAR** to return to the Setting menu.

Finding Dictionary Entries

Use the dictionary to find definitions.

1. Press .

2. Type a word (e.g., *intuition*).

To erase a letter, press **BACK**.

To type a capital, hold **CAP** and press a letter key.

3. Press **ENTER** to view the definition.

Press **SPACE** or ▼ to scroll.

If there are more than one entry for the word you looked up you see the message “Entry 1 of #” where # represents the number of entries. Press ▼ to scroll into the other entries.

4. Press **CLEAR** when done.

✓ **Understanding Definitions**

Entries may consist of headwords, parts of speech, and definitions. Other forms of the word may follow the headword. After the definition, you may see a list of usage examples.

✓ **Misspelling Words**

If you enter a misspelled word, a list of corrections appears. Use ▲ and ▼ to highlight the word you want and then press **ENTER** to see its entry.

✓ **Choosing Multiple Forms**

Some words in the dictionary have more than one form (e.g. *resume*, *resumé*). When the word you are looking up has multiple forms, the different forms appear in a list.


Simply use ▲ and ▼ to highlight the form you want and then press **ENTER** to see its entry. For example, type *resume* at the word entry screen. Highlight the form you want and press **ENTER** to see its entry. To go back to the Multiple Forms list, press **BACK**.

✓ **Expanding Long Words**

Some words may be too long to fit on the screen. In this case, the word may end with a “~”. To view the entire word, highlight it and then press ► or ◀. See “Highlighting Words” for more information.


Understanding Confusables®

Confusables are homonyms, homophones and spelling variants that are easy to confuse. If the word you looked up is a Confusable, **CONF** will flash in the upper right of the screen.

1. Press .
2. Type a word (for example, *rain*) and press **ENTER**.
3. Press **?**.
Confusables are displayed followed by a brief definition.
4. Press **CLEAR** when done.

Finding a Letter in a Word

If you are uncertain about how to spell a word, type a question mark (?) in place of each unknown letter.


1. Press .
2. Type a word with ?s (for example, *st??y*).
3. Press ENTER.
4. Press ▲ or ▼ to move the highlight to the word you want and press ENTER to view its entry.
5. Press CLEAR when done.

✓ Word Finding Tips

You can also use ?s to help solve crossword puzzles. For example, you can search for a five-letter word in which its second letter is *h* and its last letter is *w*. Enter *?h??w* to see possible answers.

Finding a Series of Letters

To find prefixes, suffixes, and other parts of words, type an asterisk (*) in a word. Each asterisk stands for a series of letters. **Note:** If you type an asterisk at the beginning of a word, it may take a little while to find the matching words.

1. Press .
2. Type a word with an asterisk (for example, *intra**).
To type an asterisk, hold down **CAP** and press **?**.
3. Press **ENTER**.
4. Press **▲** or **▼** to move the highlight to the word you want and press **ENTER** to view its entry.
5. Press **CLEAR** when done.

Highlighting Words

Another way to look up words is by highlighting them in entries or word lists. You can then find their definitions

- 1. At any text, press ENTER to start the highlight.**

To turn the highlight off, press **BACK**.

- 2. Use the arrow keys to move the highlight to the word you want.**

If you highlight a word ending with a “~”, this may indicate the word is too long to be displayed on the screen. To view the entire word, press ► or ◀.


- 3. Then press ENTER to find the definition of the highlighted word.**
- 4. Press CLEAR when done.**

Playing The Games

You have five fun games to choose from.

Changing The Skill Level

Before you play, you can choose the skill level. This determines how easy or difficult a game is.

1. Press  until you see the **Games** menu.
2. Press ▼ until you highlight **Game Settings**, then press **ENTER**.
3. Use ▲ or ▼ to highlight the skill level you want and then press **ENTER** to select it.

Beginner is the easiest skill level and *Wizard* is the most difficult.

Selecting a Game

In the Games menu, use ▲ or ▼ to move the highlight to the game of your choice and then press **ENTER**.

Getting Hints in the Games

During any game you can get a hint by holding **CAP** and pressing ? or reveal the game word by pressing ?.

Note: If you reveal the game word, you lose the round.

Hangman

Hangman selects a mystery word and challenges you to guess it letter by letter. The letters of the mystery word are hidden by question marks. The number of guesses remaining is indicated by #s.

1. Press  until you see the **Games** menu.

2. Press **▲** or **▼** to highlight *Hangman* and then press **ENTER**.
3. Type a letter you think is in the mystery word.

If you are correct, the letter appears in place of a question mark or marks. If you are wrong, it replaces an # on the screen and another part of the man appears.


4. Press **?** to reveal the word and end the round.

Hold **CAP** and press **?** to reveal a letter.

5. Press **ENTER** to play again with a new mystery word.

Chance

Use *Chance* to have your device pick lottery numbers for you. A maximum of 9 numbers can be generated ranging from 1 to 99.

1. Press  until you see the **Games** menu.
2. Press ▲ or ▼ to highlight **Chance** and then press **ENTER**.

A screen is displayed with your default settings.

Set indicates the number of numbers you want to generate. Press ▲ or ▼ to increase or decrease the number. You can choose from 1 to 9 numbers.

3. Press **ENTER** to move to the **“Max”** field.

Max indicates the highest range of numbers. Press ▲ or ▼ to increase or decrease the number. You can choose from 1 to 99.

4. Press **ENTER** when done.

A screen of randomly generated numbers is displayed.


Press **BACK** to go back and change your amount and range.

Press **ENTER** to re-generate a set of numbers.

5. Press CLEAR when done.

Memory

Use this game to test your memory. The object of the game to find the matching pairs of numbers. The game has five levels with increasing amounts of hidden pairs: Beginner - 4, Intermediate - 6, Advanced - 8, Expert - 10, and Wizard - 12.

1. Press  until you see the **Games** menu.
2. Press **▲** or **▼** to highlight **Memory** and then press **ENTER**.
The game board is displayed with all the numbers hidden.

- 3. Use the arrow keys to move the cursor to the number you want to reveal and then press ENTER.**

The number stays revealed until you select another number. If you find a match, the pair stays visible. If they don't match the numbers are hidden again.

- 4. Continue until all the matching pairs are revealed.**
- 5. Press ENTER to play another round.**

Keyboard Wiz


This game tests your knowledge of the keypad and your reflexes. Letters appear on the screen and you have to press the corresponding letter key.

- 1. Press  until you see the Games menu.**

2. Press ▲ or ▼ to highlight *Keyboard Wiz* and then press ENTER.
3. Press ENTER to begin the round.
Letters begin appearing on the screen at a speed determined by your selected skill level.
4. Press the letter key corresponding to the left most letter on the screen.
If you press the correct letter, it disappears. Once 20 characters are displayed, the game is over.
5. Press ENTER to play another round.

Anagrams

Anagrams challenges you to find all of the words that can occur within a selected word. Each letter can only be used as many times as it appears in the displayed word.

1. Press  until you see the Games menu.

2. Press ▲ or ▼ to highlight *Anagrams* and then press **ENTER**.

The minimum length of each anagram flashes on the screen. The number of possible anagrams is shown on the right side of the screen.

3. Type an anagram and then press **ENTER**.


Use the arrow keys to view anagrams you have already entered.

4. Press **?** to reveal all unsolved anagrams and end the round.

Hold **CAP** and press **?** to shuffle the letters.

5. Press **SPACE** to play again with a new mystery word.

Using the Calculator

1. Press  until you see the calculator.
2. Type a number.
Note: **Q-P** will type numbers 0-9 automatically. You can type up to 10 digits. To type a decimal, press **G(.)**. To change the sign of a number, press **Z(+/-)**.
3. Press **H(+)**, **J(-)**, **K(x)**, or **L(÷)** to add, subtract, multiply or divide.
4. Type another number.
5. Press **ENTER**.
To repeat the calculation, press **ENTER** again.

To Calculate ...	Press ...
reciprocals	A
squares	D
percentages	F
square roots	S
negative numbers	Z

- 6. Press CLEAR to clear the current calculations.**

Using the Calculator Memory

Try the following equation to practice using the calculator memory:

$$(32 \times 12) - (8 \times 8) = 320.$$


- 1. Press B(MC) to clear the memory.**
- 2. Type 32, press K(x), type 12 and then press ENTER.**

- 3. Press $X(M+)$ to add the result to memory.**
 M indicates the number is stored in memory.
- 4. Type 8, press $K(x)$, type 8 and then press ENTER.**
- 5. Press $C(M-)$ to subtract the result from memory.**
- 6. Press $V(MR)$ to retrieve the number from memory.**
- 7. Press CLEAR to clear the current calculations.**

Using the Converter

The converter allows you to easily convert measurements and currency.


Making Metric Conversions

1. Press  until you see the Conversions menu.
2. Press ▲ or ▼ to select a conversion category (e.g., *Weights*).
3. Press ▲ or ▼ to select a conversion (e.g., *grams/ounces*), if necessary.
4. Type a number after one of the units.

Note: Q-P will type numbers 0-9 automatically. Press ▲ or ▼ to move between the lines. Press **BACK** to delete a number.

5. Press **ENTER** to convert.
6. Press **CLEAR** to clear the current conversion.

Using the Currency Converter

1. Press  until you see the **Conversions** menu.
2. Press **▼** until you highlight *Currency* and then press **ENTER**.
3. Enter an exchange rate and then press **ENTER**.


The exchange rate should be in units of the other currency per one unit of the home currency (n other/1 home). For example, to convert between U.S. Dollars and Euros, enter an exchange rate of 1.1888. This means that 1.1888 Euros is the equivalent of 1 U.S. Dollar.

- 4. Enter an amount for the home or other currency.**

Press ▲ or ▼ to move between the lines. Use **BACK** to delete a number.

- 5. Press ENTER to convert.**
- 6. Press CLEAR to clear the current conversion.**

Using the MP3 Player

Your device comes with a built-in MP3 player. Your MP3 tracks will continue to play even if you leave the MP3 player to look up a word or perform another function. Press  to open the MP3 player. You can save MP3 tracks to the internal memory on your device, or to an external SD card.

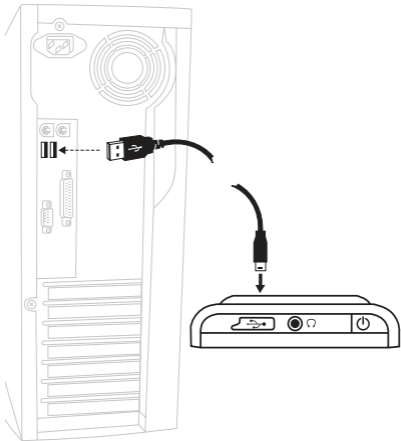
System Requirements

To transfer tracks to your device, your computer must meet the following minimum system requirements:

- Windows® ME/2000/XP or higher
- Available USB port
- 64MB RAM
- 20MB free disk space

Saving Tracks

- 1. Open the USB cover, located on the top of the device.**
- 2. Insert the USB cable into the device and into an available USB port on your computer.**





This screen is displayed on your device when it is properly connected to your computer.

3. Click “My Computer”.


You see a new “internal flash” disk drive connected to your computer.

If you have inserted an SD card into your device, this will display as a second available, “removable storage” drive.

4. Find on your computer the MP3 tracks you want to copy to your device and copy them to one of the available drives.

Warning: Do not insert or remove an SD card, or disconnect the USB cable during a track transfer or you may lose data.

Note: You can delete tracks from your device by removing them from the drive where you had previously saved them.

- 5. When the transfer is complete, disconnect the USB cable.**
- 6. Press .**

✓ **Locking Your SD Card**

You can adjust the properties of an SD card so that the device views its contents as “read-only”. This means that the device can play the tracks saved to the card, but it cannot delete them. You can only delete tracks from the SD card using your computer.

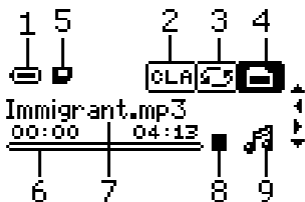
✓ **Formatting Your SD Card**

You can format your SD card using FAT and FAT32 formats.

✓ **SD Card Precautions**

- Do not insert or remove an SD card while a track is playing or you may need to reset your device.
- Make sure your device is turned off before inserting or removing an SD card or you may need to reset your device.
- If the SD card memory is nearly full, it may take a few moments to load the MP3 player. Please be patient.

Understanding the Display



- 1. Battery power icon**
- 2. Equalization icon**
- 3. Repeat icon**
- 4. Folder icon**
- 5. SD card icon**
- 6. Timer**
- 7. Current track name**
- 8. Play/Pause/Stop icon**
- 9. MP3 mode icon**
- 10.A-B repeat mode icon**
- 11.Hold mode icon**

Selecting a Track

The default mode when you open the MP3 player the folder icon is highlighted.



1. Press **ENTER**.





You see the list of tracks, sorted alphabetically. **Note:** Tracks stored in internal memory are listed before the those stored on an SD card.

2. Press **▲** or **▼** to select the track you want to hear.


If necessary, press **▶** to see the entire title of the track.

3. Press **ENTER** to select a track.

Press  to begin playing a track from the list of tracks. Press  again to pause playback. Hold **▶** or **◀** to fast forward or rewind through a currently playing track.

Hold  for a few seconds to stop playback. When playback is stopped, press  or  to select the next or previous track, then press  to hear it.

✓ Viewing Lyrics

A song's lyrics will display automatically while listening to a song when no key has been pressed for a few seconds. Press any key to return to the main view of the MP3 player. In order to view lyrics again, you must turn the unit off, then on again, and then press  to re-enter the MP3 player.

Note: Lyrics must be saved as part of the MP3 track in order to

be displayed. The MP3 player supports synchronization of lyrics following ID3V2, Lyric3 V2.00 standards.

Adjusting the Volume

You can adjust the volume only when in MP3 mode.

- 1. Press ▲ or ▼ to adjust the volume.**


The volume bar is displayed.

The default setting is 12.


- 2. Press ENTER when you are finished setting the volume.**


Using Repeat Mode


Your MP3 player comes with a repeat mode.

- 1. Press  until the repeat icon flashes.**

2. While the icon flashes, press ▲ or ▼ to change to a different mode and press ENTER to select it.

 represents “normal” mode. In this mode, all your tracks will play in the order they are stored and then stop.

 represents “repeat one” mode. In this mode, the current track will play repeatedly.

 represents “repeat all” mode. In this mode, all your tracks will play in the order they are stored and then repeat.

✓ A-B Repeat Mode

A-B repeat mode is a special form of repeat that will play repeatedly a user-defined section of a playing track.

1. Begin playing a track.

A-B flashes and identifies that A-B repeat mode is available.

2. Press ENTER at the point in the track you want to begin the repeating loop.

The A stops flashing, but the B continues to flash.


3. Press ENTER at the point in the track you want to stop the repeating loop.

B stops flashing and the A-B repeat mode is enabled and the defined section of the track begins repeating.

4. Press ENTER again to exit A-B repeat mode.

Adjusting the Equalizer

The equalizer is the device that balances the sound you hear when you play a track. You can adjust the equalizer to a setting of your preference when listening to different tracks.

1. Press  until the equalizer mode icon flashes.
2. While the icon flashes, press ▲ or ▼ to change to a different mode and press ENTER to select it.


Select classic (CLA), rock (ROC), bass (BAS), normal (NOR), pop (POP) or jazz (JAZ).

Using the Hold Button

The Hold button is located on the right side of the device. This button only works while using the MP3 player.

The Hold button works by preventing any other key from functioning while you are listening to your MP3 tracks.


Try this example:




1. **Select a track and press** .
2. **Move HOLD to the “on” position.**

The “HOLD” icon is displayed in the upper right side of the screen.

3. **Try pressing any other button.**


You see that it does not work. The device will not stop playback until you move **HOLD** to “off” and hold


 for a few seconds. You

cannot accidentally disrupt playback by pressing any other button. **Note:** While the **HOLD** button is turned on, you can still press , , , or **MENU** and use those functions on your device. The **HOLD** button, only works while in the MP3 player.

Deleting a Track

In addition to deleting a track using your computer (see “Saving Tracks”), you can delete them using your device. **Note:** You cannot delete tracks from a locked SD card.

1. Hold  for a few seconds, if necessary, to make sure the track is stopped.

2. Press , if necessary, until the folder icon is highlighted.

3. Press **ENTER**.

You see the list of tracks.

4. Press **▲** or **▼** until you see the track you want to delete.

5. Press **CLEAR**.

The MP3 Setting menu is displayed.

6. Press **▲** or **▼** to highlight the option you want and then press **ENTER** to select it.


Delete File allows you to delete only the highlighted track.

Erase all Files allows you to delete all the tracks in the folder.

7. Press **Y** to confirm the deletion or press **N** to cancel.

Resetting Your Product

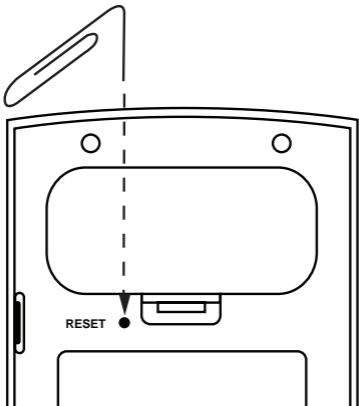
If the keyboard fails to respond, or if the screen performs erratically, perform a system reset by following the steps below.

- 1. Hold CLEAR and press .**

If nothing happens, try Step 2.

- 2. Use a paper clip to gently press the reset button on your unit.**

The reset button is recessed in a pin-sized hole on the back of your device.



Warning! Pressing the reset button with more than light pressure may permanently disable your product. In addition, resetting the product erases settings and information entered in its built-in books.

Specifications

Model MWD-480: *Merriam-Webster® Dictionary & MP3 Player*

- **Batteries:** two AAA
- **Size:** 72 x 100.5 x 18.3 mm
- **Weight:** 66 g (without batteries)

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Note: This device should be disposed through your local electronic product recycling system - do not throw into the trash bin.



FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to insure compliance.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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(transportation charges prepaid) to:
Franklin Electronic Publishers, Inc.
Attn: Service Department
One Franklin Plaza
Burlington, NJ 08016-4907

If you return a Franklin product, please include your name, address, telephone number, a brief description of the defect and a copy of your sales receipt as proof of your original date of purchase. You must also write the RMA prominently on the package if you return the product; otherwise there may be a lengthy delay in the processing of your return. Franklin strongly recommends using a trackable form of deliver to Franklin for your return.

Limited Warranty **(EU and Switzerland)**

Notwithstanding the disclaimer of warranties above, this product, excluding batteries and liquid crystal display (LCD), is guaranteed by Franklin to be free of defects in materials or workmanship for a period of two years from the date of purchase. It will be repaired or replaced with an equivalent product (at Franklin's option) free of charge for any defect in workmanship or materials during that time.

This warranty explicitly excludes defects due to misuse, accidental damage, or wear and tear. This warranty does not affect the consumer's statutory rights.


Limited Warranty (outside U.S., EU and Switzerland)

Notwithstanding the disclaimer of warranties above, this product, excluding batteries and liquid crystal display (LCD), is guaranteed by Franklin to be free of defects in materials or workmanship for a period of one year from the date of purchase. It will be repaired or replaced with an equivalent product (at Franklin's option) free of charge for any defect in workmanship or materials during that time.

Products purchased outside the United States, the European Union and Switzerland that are returned under warranty should be returned to the original vendor with proof of purchase and description of fault. Charges will be made for all repairs

unless valid proof of purchase is provided.

This warranty explicitly excludes defects due to misuse, accidental damage, or wear and tear. This warranty does not affect the consumer's statutory rights.

This unit may change operating modes, lose information stored in memory, or fail to respond due to electrostatic discharge or electrical fast transients. Normal operation of this unit may be re-established by pressing the reset key, by pressing , or by removing and replacing the batteries.

Appendix: Cities List for World Time

CITY NAME	ABBREVIATION
LONDON	LON
LISBON	LIS
PARIS	PAR
BERLIN	BER
ROME	ROM
AMSTERDAM	AMS
BARCELONA	BCN
BRUSSELS	BRU
MADRID	MAD
HELSINKI	HEL
CAIRO	CAI
MOSCOW	MOW
RIYADH	RUH
TEHRAN	THR
DUBAI	DXB
KABUL	KBL
KARACHI	KHI
DELHI	DEL
DHAKA	DAC
YANGON	RGN

BANGKOK	BKK
BEIJING	BEI
HONG KONG	HKG
SINGAPORE	SIN
TOKYO	TYO
ADELAIDE	ADL
SYDNEY	SYD
NOUMEA	NOU
WELLINGTON	WLG
TONGA	TNG
MIDWAY ISLANDS	MID
HONOLULU	HNL
ANCHORAGE	ANC
LOS ANGELES	LAX
DENVER	DEN
CHICAGO	CHI
NEW YORK	NYC
TORONTO	YYZ
CARACAS	CCS
RIO DE JANEIRO	RIO
FERNANDO DE NOAH	FER
AZORES ISLANDS	AZO
AUCKLAND	AKL
GUAM	GUM
MID ATLANTIC	MAT