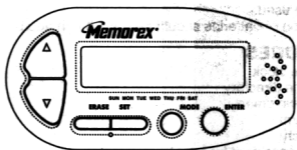


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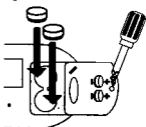


Keychain Databank
MODEL# MB123

**BEFORE OPERATING THIS PRODUCT
PLEASE READ THESE INSTRUCTIONS COMPLETELY**

INSTALLATION OF BATTERIES

- Open the battery compartment cover by using a small screwdriver to remove the screw.
- Insert 2XG12 (LR43)1.5V batteries with the positive (+) and negative (-) ends facing in the directions indicated.
- Replace the cover and screw. (see the diagram of battery replacement)



BATTERY PRECAUTION

- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the unit.
- The supply terminals are not to be short-circuited.
- Do not mix old and new batteries.
- When not in use, remove batteries from the game unit.
- Do not bury or burn the batteries.
- Only batteries of the same or equivalent types as recommended are to be used.
- Installation of batteries should be done by an adult.

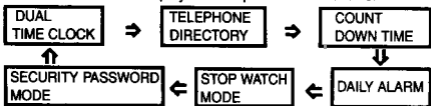
I. FEATURES

- Dual time clock
- Telephone directory
- Countdown timer
- Daily alarm
- Stopwatch
- Security password for telephone directory
- 2-minute auto shut-off function. In case the counting in Countdown timer or Stop watch are being used and the corresponding display is selected, the display will not turn off automatically.

II. KEY FUNCTION

Seven keys are available. They are MODE, ENTER, SET, ERASE, UP, DOWN and RESET.

- **MODE** : Switch on the databank whenever the display is off, or switch from one function to another when the databank is ON. Press and hold MODE for about 3 seconds to switch off display. The sequence is as follows:



- **ENTER** : Confirm setting, or Start/Stop countdown timer, or Start/Stop stopwatch Stop alarm and count down timer ringing
- **ERASE** : Act as "backspace" while setting. Press "Erase" twice to delete the telephone file on display. Press "Erase" twice to erase the password set while being displayed
- **UP** : For forward setting
Switch between the local time and secondary time in Dual Time Clock mode.
- **DOWN** : For downward setting. Switch between the local time and secondary time in Dual Time Clock mode.
- **RESET** : clear all data in memory (except those in telephone directory)

III. FUNCTION DESCRIPTION

A. DUAL TIME CLOCK

The clock is defaulted at AM12:00, 01-01-96, Monday after battery is installed.

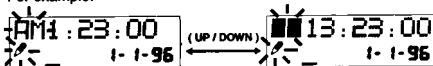
Set current time & date:

- Select the Dual-time clock
- Press SET to start setting the clock
- The input sequence is:12/24 hour format- hour- minute- month-day- year
- Press UP or DOWN to switch between 12-hour and 24-hour time format
- Press ENTER to confirm each value
- After passing ENTER for year, the entry process ends.

Display patterns for setting mode:

- At the entry of setting mode, symbols "AM" or "■■" flash. You can then press UP or DOWN to switch between 12hr format and 24hr format

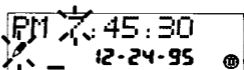
For example:



Note:

- In 12-hour format, scroll through the hour digit cycle (AM 12:00 to PM 12:00 and returns to AM 12:00 as a cycle) to choose between AM or PM.
- Time display format of "secondary time" and "daily alarm" follows that of current time clock.

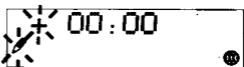
Press ENTER to confirm the HOUR display format, the HOUR digits will be flashing and you can set the hour accordingly.



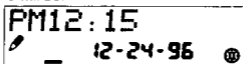
After pressing ENTER for YEAR, the entry process ends and the "second" value will be changed to zero automatically.

Set the Secondary Time:

- Select Dual Time Clock mode and press UP or DOWN till the secondary time is displayed



- Press SET to enter the secondary time setting.
- The input sequence is +/- sign - hour difference - minute difference.
- Input the correct time difference. Use UP or DOWN to adjust the value.
- Press ENTER to confirm each value.
- After pressing ENTER to confirm "minute difference", the secondary will be calculated and shown. For example, when local time is AM 10:45; 12-24-96 and the time difference is +01:30, the secondary time will be:



In setting mode, press SET again to reset the time difference to zero, i.e. +00:00. You may start setting again using the +/- sign.

Edit entry during setting:

- Press ERASE and the previous item will flash for editing.

B. PASSWORD - SECURITY PASSWORD

- The security password is used to keep telephone records in secret.
- Telephone directory can be read only by entering correct password first.
- The security password can be 1 digit or any combination of 2 to 4 digits.
- The password set comes into effect when the unit turns itself off. You have to decode the password once every time the unit is woken from sleep mode.

Set password:

Press SET to start password setting.

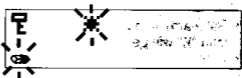


The first digit is ready for setting

- Press UP or DOWN to scroll for the digit.
- Press ENTER to confirm the selected value.
- Press ERASE to edit the previously set digit.
- After pressing ENTER to confirm the 4th digit, press ENTER without scrolling.

Erase password:

- Press erase in password mode, the rubber and asterisk flash for decoding.



- Decode the password as described in "Telephone Directory Mode".

C. TELEPHONE DIRECTORY

The telephone directory can store files with at maximum 10 characters for name and 12 digits for telephone number. All files will be sorted in alphanumeric order.

Press MODE to enter into the Telephone Directory. "Telephone Directory" icon and the first file will be displayed if there is no security password set before use. Otherwise, you have to enter password to access the telephone files as follows:

Decode password

- Press UP or DOWN to select the appropriate digit.
- Press ENTER to confirm.
- If the confirmed digit or digits are to be readjusted, press ERASE as the backspace command. Then press another appropriate digit by pressing UP or DOWN.
- After confirming selected digits, press ENTER once more and the unit will check the password.
- If the selected digits do not match the password, the "key" icon and the asterisk will be shown again and the user is required to re-enter the password. The first file will be displayed when the password is correct.


Note:

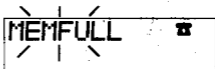
If there are no files, ***** will be displayed at the entry of Telephone Directory mode.

Search files:

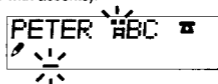
- Press UP or DOWN to search files in alphanumeric order according to the name.
- For quick searching, press and hold UP or DOWN for more than 2 seconds, the first two of each alphanumeric group will be displayed in alphanumeric order or in reversed order respectively.
- In case there are two (or more) names having the same spelling, the unit will show the most recently input file first.

Input new files:

- Press SET to enter the file entry mode. The indicator "  " will be ON and flash as an indication.
- If the memory is full, the following icons will flash for 3 seconds (maximum number of files is about 60).
- If you want to input new file, erase the unnecessary files first.
- Press UP or DOWN to select appropriate character. The alphanumeric order is: A,B,C, ... Z, space, -, -, 1, 2, 3, ..., 9, 0.
- Press ENTER to confirm the selected character.
- Press ERASE to erase the confirmed characters as the backspace, command.
- In case of selecting an accent character to scroll for the accent symbol. Then press ENTER to confirm the symbol selected.
- Press UP or DOWN again to scroll for the character underneath. Press ENTER to confirm the character selected. (Characters provided are restricted to those with accents).
- After entering the whole name, press ENTER and start the telephone number entry.



- The scrolling order is 1, 2, 3, ...0.
- Press UP or DOWN to scroll for the appropriate digits.
- Press ENTER to confirm the selected number.
- To confirm the entire file entry, press ENTER again.



Erase file:

- Search the file which you want to delete.
- Press ERASE and the "Eraser" symbol flashes.
- Press ERASE again to delete the displayed file and the next file will be shown.

D. COUNTDOWN TIMER

- The maximum duration for the Countdown timer is 24 hours. Timer rings when the count down times up.
- At the entry of Countdown timer mode, the current countdown timer duration will be displayed.
- If there is no previous setting for Countdown timer, "00:00:00" will be displayed instead.

Set Countdown Timer:

- Press SET to start setting. The "second" flashes to indicate the timer ready for setting.
- The input sequence is second-minute-hour.
- Press SET again to zero if necessary.
- Press UP or DOWN to increase or decrease the selected value.
- Press ENTER to confirm.
- After pressing ENTER to confirm "hour", the entry process ends.

Use Countdown Timer:

- Set the timer to the required duration as described above.
- Press ENTER to toggle the time operation.
- When the countdown timer times up, it rings and the "Timer" symbol flashes as an indication.
- Press ENTER once to stop the sound, or the ringing will last for 1 minute.

After the timer stops, press ENTER to reset the timer to previous setting.

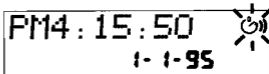
E. DAILY ALARM

- The Daily Alarm rings every day as long as it is set and enabled.
- After entering into this mode, the "Alarm Clock" icon and the alarm time will be displayed. If there is no previous setting, the Alarm Time shows AM 12:00 or 00:00.

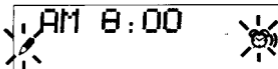
If alarm is enabled, the sign ")))" displays.

If alarm is disabled, the sign ")))" is off.

Set alarm:



- Press SET to start alarm setting



- The input sequence is: Enable/Disable - Hour - Minute.
- Press UP or DOWN to enable or disable the alarm, and adjust the hour and minute values.
- Press ENTER to confirm each value.
- If the alarm is disabled, the entry process ends.
- If the alarm is enabled, continue setting by pressing UP or DOWN to increase or decrease the hour and minute value.
- Press ERASE to edit the previously set value.
- After pressing ENTER to confirm the "minute", the entry process ends and the alarm is enabled.

Use alarm:

- Set alarm time and enable the alarm. When the alarm is enabled, icon ")))" will be shown on the display.
- When the current time matches with the alarm time, the alarm rings.
- Press ENTER once to stop the sound, or ringing will last for 1 minute.

F. STOPWATCH

After entering into the stop watch mode, the "stopwatch" icon and the current counting value will be shown. If it hasn't started or has been reset, all zero will be shown.

Use Stopwatch:

- Press ENTER to start or stop stopwatch.
- If the stopwatch is stopped, press ENTER to restart the counting from when it is stopped.
- When the stopwatch stops, press SET to reset it.

Daily Alarm and count down timer ringing will not be heard but the corresponding icon will still flash as an indication.

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LIMITED WARRANTY
PERSONAL ORGANIZER

We at MEMOREX believe you will be pleased with your new Audio Product. Please read this Warranty carefully. Memorex warrants this product to be free from manufacturing defects including original parts and workmanship for a period of ninety (90) days from the date of original purchase in, and if used in, the United States.

Should you find your unit is not operating properly during the terms of full coverage of this warranty, ninety (90) days, you should contact your original place of purchase for an exchange with a valid receipt. If necessary, Memorex will provide one of the following options (at Memorex's discretion), providing the manufacturing defect is verified along with the date of purchase.

- Repair service for ninety (90) days from the date of original purchase at no charge for labor and parts.
- Replacement of your defective unit with either a new, refurbished, or equivalent model at no charge for ninety (90) days from the date of original purchase.

This warranty is void if the product is:

- A) Damaged through negligence, abuse, misuse, accident, or acts of God.
- B) Used in commercial applications or rentals.
- C) Modified or repaired by anyone other than Memorex or their expressly authorized representative.
- D) Damage resulting from the improper connection to equipment of other manufacturers.

This warranty does not cover:

- A) Cost incurred in the shipping of the product to and from the Memorex authorized repair facility listed.
- B) Damage or improper operation caused by the failure to follow the operating instructions provided with the product.
- C) Routine adjustments to the product which can be performed by the customer as outlined in the owner's manual.
- D) Products not purchased in the United States.
- E) Damage to the products used outside the United States.

In the event that service is required under this warranty, please call our toll free number at 1-800-919-3647 for instructions.

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