

12 MONTH LIMITED WARRANTY

MFJ Enterprises, Inc. Warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, Inc. to be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof-of-purchase to MFJ Enterprises, Inc. at the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product under warranty, provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for \$7.00 covering postage and handling.
3. MFJ Enterprises, Inc. will supply replacement parts free of charge for any MFJ product under warranty upon request. A dated proof-of-purchase and a \$7.00 personal check, cashiers check, or money order must be provided to cover postage and handling.
4. This warranty is NOT void for owners who attempt to repair defective units. Technical consultation is available by calling (601) 323-5869.
5. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises, Inc.
6. Wired and tested PC board products are covered by this warranty provided only the wired and tested PC board product is returned. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense unrepairs.
7. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
8. Out-of-warranty Service: MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
9. This warranty is given in lieu of any other warranty expressed or implied.
10. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
11. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed to MFJ Enterprises, Inc., 300 Industrial Park Road, Starkville, Mississippi 39759, USA and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.
12. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

ATOMIC ANALOG WATCH

USER'S INSTRUCTIONS

Congratulations on purchasing our Atomic Analog Watch. Please check the watch status now. If all hands stop at 12:00, go to Section A. If the watch is running, please go to Section B.

FEATURES:

- Radio controlled (RC) time
- Time zone setting
- Auto DST
- AM / PM setting
- Manual time setting
- E.L. light (Optional)

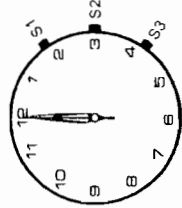
IMPORTANT:

For better reception when originally setting, place the watch away from metal objects and electrical appliances to minimize interference.

A. FACTORY PRESET MODE/STOP MODE:

The watch has been set to STOP mode before delivery. The STOP mode looks like this.

STOP mode display



- If the watch is still in the STOP mode after your purchase, proceed with the following steps to set it:
1. Press and hold any of the S1, S2 or S3 keys for 3 seconds. The second hand revolves one cycle and then stops, then starts the RC reception.
 2. A complete setting generally takes about 2 to 10 minutes, depending on the strength of the radio signal.
 3. After successful setting, the hour, minute and second hand will automatically advance to the correct received time. During this synchronizing period, the second hand turns quickly. No operation can stop it.
 4. After synchronization is completed, the watch will return to normal and start working.
 5. If the unit cannot receive the time signal successfully, it will return to the normal mode after a while.
 6. Please try to ACTIVATE the RC reception manually (Refer to Section E "Manually activating the RC Reception").
 7. If the watch successfully receives the RC signal, go to section C.

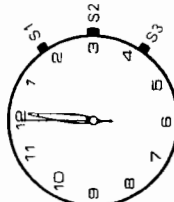
Note:

1. The above operation can only proceed under the original STOP mode. Once the watch is out of STOP mode, the above setting is invalid.

STOP mode



Second hand stops (1 minute later)



B. SETTING YOUR WATCH

If the watch is not in the STOP mode (12 o'clock) after your purchase, eg. at 10:05, proceed with the following steps.

1. Recalibrate the watch to 12 o'clock. (12:00:00).

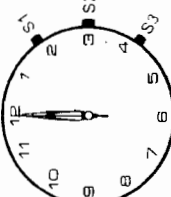
This setting is very important, please set it exactly.

2. Press and hold the S1 key for 3 seconds. The second hand will start turning quickly. When the time is close to 12:00:00, press the S1 key once to stop the second hand.
3. Press S1 key to micro-set the second until you reach 12:00:00.

- Press the S2 key to confirm setting within 10 seconds.
- The second hand revolves one cycle and then stops, then starts the RC reception.
- If the unit cannot receive the time signal successfully, it will return to the normal mode after a while.
- If the watch successfully receives the RC signal, go to section C.
- Please try to **ACTIVATE** the RC reception manually (Refer to Section E "Manually activating the RC reception").

3 HANDS CALIBRATION

10:05



- Note:**
- The 3 hands must be all set to 12:00:00. Otherwise, the unit will not show the correct time, even if it has successfully received the radio signal.
 - If you do not press the S2 key to confirm setting, the watch will not confirm and will exit the setting mode within 10 seconds. Then it will automatically turn back to the previous time. During this period, no operation will stop the hands from turning.
 - If you find the watch runs inaccurately, even if the RC signal is successfully received, please calibrate the watch again. Repeat the steps in this section.

C. TIME ZONE SETTING:

- To add hours:**
- Press and hold the S2 key for 3 seconds, so the second hand points to "1". Repeat the same operation to advance the second hand, if your desired time is 5 hours faster than the received time, you will need to press the S1 key 5 times.
 - Press the S2 to confirm setting. The second hand should turn quickly to the desired time.

To reduce hours:

- Press and hold the S2 key for 3 seconds, so the second hand directs to "12".
- Press the S3 key once until the second hand directs to "1". Repeat the same operation to advance the second hand one by one, if your desired time is 5 hours behind the received time, you will need to press the S3 key 5 times.
- Press the S2 to confirm setting. The second hand should turn quickly to the desired time.

Note:

- If you do not press the S2 key to confirm the setting, the watch will not set the time and will continue running again after a while.
- The available setting time is +/- 12 hours.

Note (For WWVB version only):

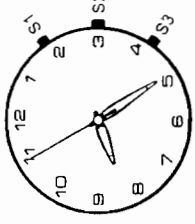
The default time zone for WWVB version is the Pacific zone. If your location is out of the Pacific zone, please set the time zone as follows:

Mountain: +1 hour
Central: +2 hours
Eastern: +3 hours

Add or reduce 1 hour



Add or reduce 11 hours



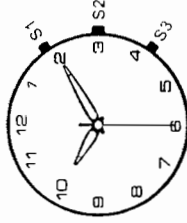
E. MANUALLY ACTIVATING THE RC RECEPTION:

- Press the S1 and S3 keys simultaneously for 3 seconds. The second hand will turn to "12" quickly and stop running. The watch will start searching for the RC time signal.
- Once the unit successfully receives the radio signal, it will synchronize its time immediately. During the synchronizing period, no function can be activated except the E.L. backlight.
- If the unit does not receive the time signal successfully, it will return to normal mode after a while.

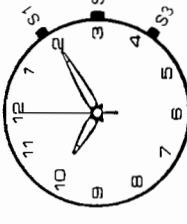
F. RC RECEPTION STATUS CHECKING:

To check the reception status, please do the following:
 Press the S1 once. The second hand points to "6". It is a successful reception. If it points to "12", reception has failed. During its indication, the watch keeps still and no function can be activated except the E.L. light. The watch will resume working after a while.

RC Successful Reception



RC Failed Reception



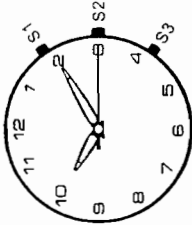
G. SETTING THE TIME MANUALLY:

- If the unit cannot receive the time signal successfully, you can set the time manually.
- Press and hold the S3 key for 3 seconds. The second hand starts turning around quickly (it will finish 1 hour's changing in one minute).
 - When the watch has nearly reached the desired time, press the S3 key once. The second hand will stop turning.
 - Press the S3 key again to micro set the second (Press S3 once to change 1 second) until you reach your desired time.
 - Press the S2 key to confirm setting or let it automatically confirm 10 seconds later.
 - The watch will start working after confirmation.

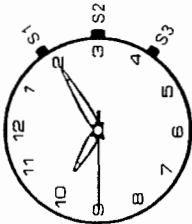
H. AM / PM VIEWING & SETTING:

- Press the S3 key once. The second hand points to "3" meaning AM, and points to "9" for PM.
- During its indication, the watch keeps still and no function can be activated except the E.L. light. The watch will resume working after a while.
- When the second hand shows AM or PM within 10 seconds, Press and hold the S3 key for 3 seconds. The watch will switch between AM and PM and will automatically confirm setting within 10 seconds.
- During its indication, the watch keeps still and no function can be activated except the E.L. light. The watch will resume working after a while.

AM



PM



I. LOW BATTERY INDICATOR:

WITH THE E.L. LIGHT VERSION:

Press S2 key once, the E.L. backlight will last for 3 seconds. The battery needs to be replaced if the backlight is not on.

WITHOUT THE E.L. LIGHT VERSION:

When the watch shows a wrong time, it means that the battery needs to be replaced.

IMPORTANT:

After replacing the battery, follow the steps under Section B, "Setting Your Watch".

D. ABOUT THE RC RECEPTION:

The watch is programmed to synchronize its time at 2:00AM everyday. 3:00AM and 4:00AM is optional searching time. If the watch cannot receive the time signal at 2:00AM, it will repeat searching at 3:00AM. If the reception at 3:00AM still fails, it will try again at 4:00AM. If the reception at 4:00 AM still fails, it will continue to search the signal once per two hours after that time.

Note: During the reception period, no function can be activated except the E.L. backlight.