

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.

- 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.
- 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.
- 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 \$5.00 personal check, cashiers check, or money order must be provided to cover postage and handling.
- This warranty is NOT void for owners who attempt to repair defective units. Technical consultation is available by calling (662) 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 unrepaired.
- 7. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
- 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.
- 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-ofpurchase.
- 12. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

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MFJ 24/12 Hour *Atomic* Wall Clock General Information and Operating Instructions

Thank you for purchasing the MFJ-13 1RC 24/12 *Hour Atomic* Wall Clock. The 12-inch dial is clear and easy to read from a distance. The dial lets you know the time in 24/12-hour format plus seconds.

The MFJ-131 RC works by receiving the time radio signal generated by the US Atomic Clock located in Colorado. Any place that can receive the signal can use the MFJ-131RC. Anyplace that cannot receive the signal will have to set the time manually. The Atomic Clock in Colorado is operated by the US Department of Commerce's National Institute Standards and Technology. To enhance good reception of the signal. avoid placing your MFJ-131 RC near television sets, metal surfaces, computers, or any other electrical device that may interfere with the reception of the radio signal.

MFJ-131 RC Controls / Settings



LENVI INSTALLATION & INTITALIZATION

- The MFJ-131 RC requires one AA battery (not included).
- Insert a fresh AA battery in the Battery Compartment according to the polarity indicators on the case.
- Once the battery is installed, the second had will begin ticking and the MFJ-131 RC will begin to search for the time signal and set itself.
- If the MFJ-131RC begins to lose time, remove the old battery and replace with a fresh AA cell.

SETTING THE TIME ZONE

- To set the Time Zone, press the button on the back of the clock corresponding to the time zone you want the MFJ-131 RC to set itself.
- The following options are available:

PT -	Pacific Time Zone
MT -	Mountain Time Zone
CT -	Central Time Zone
ET -	Eastern Time Zone

- After pressing the Time Zone Selection Button, the MFJ 131RC will begin to advance and then stop at 4 o'clock.
- The MFJ-131 RC is now searching for the time signal.
- After reception of the time signal, the MFJ-131 RC will automatically set the time to the exact second.
- If the signal is not initially received, the MFJ-131 RC will search for the signal again at night when atmospheric interference is lower and reception of the radio signal is best.
- The setting process can take up to 24 hours to complete.
- If the MFJ-131 RC has not set itself after 24 hours of initialization, proceed with setting the time manually or move the clock near a window facing Ft.Collins, Colorado for better reception of the time signal.
- The MFJ-131 RC will search for the time signal once every day and make any adjustments necessary.

SETTING THE THVIE MANUALLY

- If the MFJ-131 RC cannot receive the time signal, you must manually set the time.
- Press and hold the Manual Setting Button.
- The red second hand will begin moving at a fast rate and stop at zero. The minute hand will also begin moving at a fast rate and continue until the manual setting button is released.
- When the proper time is reached, release the Manual Setting Button.

DAYLIGHT SAVINGS TIME

- The time signal that is broadcast will automatically tell the MFJ-131 RC to adjust the time for daylight savings time.
- If you live in a time zone that does not observe Daylight Savings Time, press the Daylight Savings Time ON/OFF switch with a ballpoint pen to disable.
- Press the Daylight Savings Time ON/OFF switch with a ballpoint pen again to enable.

WARNING

- This clock is designed for consumer use and not a scientific instrument. The success of time reception is not guaranteed and subject to the condition of the environment and distance from the signal source.
- This clock is designed or indoor use only.
- Please avoid exposure to high humidity, high temperatures, vibration, shock, and direct sunlight.
- Do not clean with abrasives. If cleaning is required, use a slightly damp cotton cloth.

FCC Statement

The MFJ-131RC might cause TV or radio interference when operating properly. To determine whether the MFJ-13 1RC is causing interference, take out the batteries to turn it off. If the interference goes away, the MFJ-131RC is causing the interference. Try to eliminate the interference by reorienting the MFJ-131RC and/or increasing the separation between your equipment and the MFJ-131RC. If you cannot eliminate the interference, the FCC requires that you stop using the clock.