

The MMT Wireless Data Transfer User's Instructions



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Minimum System Requirements

- Windows 98 2nd edition or later
- One USB Port
- CD Drive

MMT Wireless Data Transfer Instructions

Loading Software

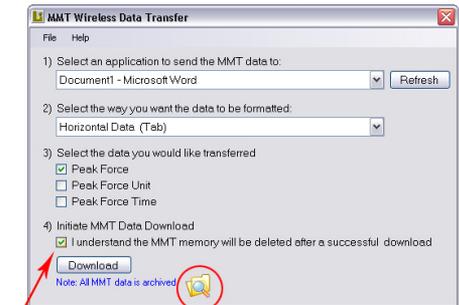
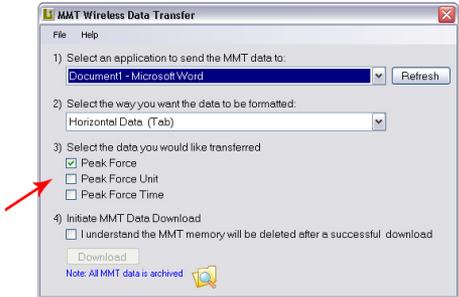
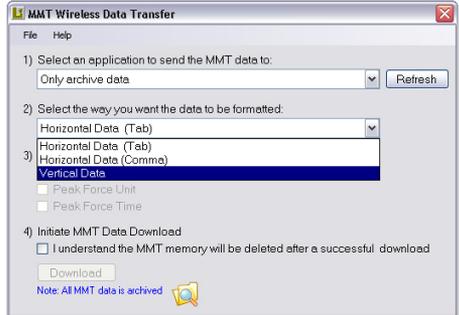
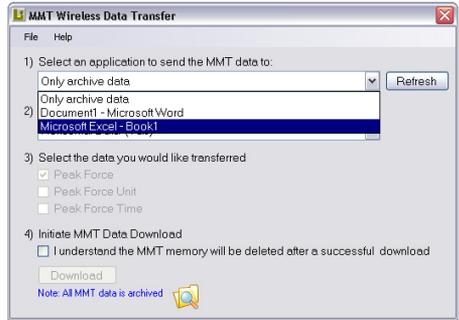
Place software disc into computer CD drive and follow the installation procedures.

Hardware Set Up

Connect one end of the USB cable into the back of the data transfer box. Plug the other end of your USB cable into the USB port of your computer and follow the "New Hardware Wizard" procedures (make certain that the MMT Data transfer Software installation CD is in your CDROM drive).

Software Set Up

1. You must first open the application you wish to transfer data to (i.e. Microsoft Excel or Access) in order for it to appear as an option in your MMT Data Transfer software. Then, open the MMT Data Transfer software by double-clicking the MMT LI icon on your computer desktop, or through "Start" > "All Programs" > "Lafayette Instrument" > "MMT Wireless Data Transfer". Once you have the desired applications open, you will select the application you wish to transfer the data under option 1):
2. Select the way you want the data to be presented (horizontal or vertical).
3. Select the data you would like transferred. Each selection will require a separate cell.



Archive Folder

1. Check the box notifying you that all data will be erased from the MMT storage bank. This only erases the data from the hardware device to enable you to store the next set of data. All data will be archived in the folder presented at the bottom of the screen.

Storing the Data

The MMT can store test data in memory one of two ways, manual or automatic.

Manual Store

To manually store data, press the STORE button.

This will place the reading on the Main Measurement Screen into storage. A single beep indicates successful storage.

Auto-Store

To store data automatically, the AUTO STORE function must be enabled. No beep is given in AUTO STORE mode.

When the Auto-Store function is activated, data is automatically stored by the MMT after every test. The MMT detects when a new test begins and stores the data for that test. Only the peak force and peak time for each test are stored into the memory. The MMT memory is limited to 52 tests. If the memory reaches capacity, a warning screen is displayed every time data storage is attempted. Stored data must be emptied by deleting data using the clear all data registers procedure, turning off the auto store feature, or by downloading the data to the data transfer box.

To activate the Auto-Store function:

1. Enter the Main Menu by pressing the MENU button
2. Press the SCROLL button four (4) times to move the cursor to AUTO STORE
3. Press ENTER to turn on the AUTO STORE



The MMT Wireless Data Transfer

1. Press the SCROLL button two (2) times to move the cursor to END
2. Press ENTER to exit the menu

With the Auto-Store enabled, there is a possibility that unwanted data may inadvertently be stored. The MMT will store all tests including test trials and force readings from inadvertent pressing of the load cell. If a test requires that only a select number of tests be recorded, the Auto-Store function can be disabled and the tests can be stored manually by pressing the STORE button.

Downloading The Data

1. Point the Infrared port in the **bottom of the MMT** at the data transfer box.

Warning: Since the connection is infrared, the line of sight between the computer and MMT must be free from obstructions. The infrared transmitter on the bottom of the MMT must be pointed directly at the data transfer box. The MMT can not be more than 12 feet from the data transfer box. If the MMT is more than 12 feet away, errors may result in the data transmission.

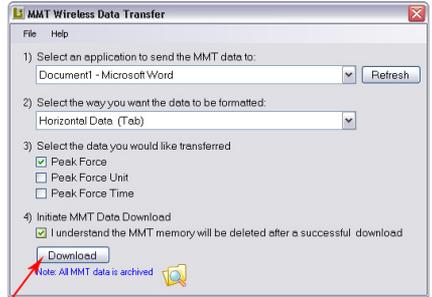


2. Enter the Main Menu by pressing the MENU button
3. First, press the download button on the software and then within 5 seconds press the ENTER button on the Manual Muscle Tester to initiate the download.



Note: If a connection can not be established, an error is given along with two audible beeps.

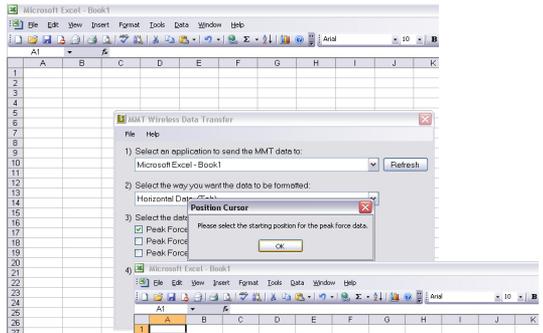
An option menu is then given which allows (1) a retry of communication or (2) canceling the operation. The data transfer box receives the data and transfers it to the computer software. The software then checks the data for validity and reports the checksum back to the MMT. Once the MMT receives the correct checksum, the data registers are cleared. If the correct checksum is not received, the error message is given and the data is not cleared.



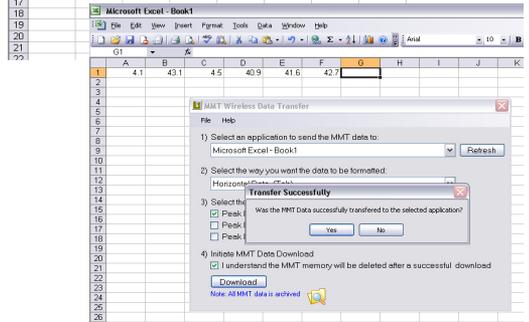
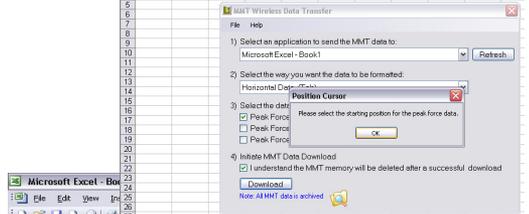
Download



4. If the transfer is successful, a dialog box will appear asking you to select a starting position on your spreadsheet application (i.e. Microsoft Excel). You must select a position in said data file before clicking "OK" on the position cursor dialog box within the MMT Data Transfer software program.



5. Once data is transferred to your opened data file, go back into the MMT Data Transfer software and you will be prompted with a dialog box asking you if the transfer was successful?



Notes

Enter any user notes here for your convenience.

Terms and Conditions

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Phone, Fax, Email or Mail-in Orders

All orders need to be accompanied by a hard copy of your purchase order. All orders must include the following information:

- Quantity
- Part Number
- Description
- Your purchase order number or method of pre-payment
- Your tax status (include tax-exempt numbers)
- Shipping address for this order
- Billing address for the invoice we'll mail when this order is shipped
- Signature and typed name of person authorized to order these products
- Your telephone number
- Your email address
- Your FAX number

Domestic Terms

There is a \$50 minimum order. Open accounts can be extended to most recognized businesses. Net amount due 30 days from the date of shipment unless otherwise specified by us. Enclose payment with the order; charge with VISA, MasterCard, American Express, or pay COD. We must have a hard copy of your purchase order by mail, E-mail or fax. Students, individuals and private companies may call for a credit application.

International Payment Information

There is a \$50 minimum order. Payment must be made in advance by draft drawn on a major US bank; wire transfers to our account; charge with VISA, MasterCard, American Express, or confirmed irrevocable letter of credit. Proforma invoices will be provided upon request.

Exports

If ordering instrumentation for use outside the USA, please specify the country of ultimate destination, as well as the power requirements (110V/60Hz or 220V/50Hz). Some model numbers for 220V/50Hz will have a "C" suffix.

Quotations

Quotations are supplied upon request. Written quotations will include the price of goods, cost of shipping and handling, if requested, and estimated delivery time frame. Quotations are good for 30 days, unless otherwise noted. Following that time, prices are subject to change and will be re-quoted at your request.

Cancellations

Orders for custom products, custom assemblies or instruments built to customer specifications will be subject to a cancellation penalty of 100%. Payment for up to 100% of the invoice value of custom products may be required in advance. Cancellation for a standard Lafayette Instrument manufactured product once the product has been shipped will normally be assessed a charge of 25% of the invoice value, plus shipping charges. Resell items, like custom products, will be subject to a cancellation penalty of 100%.

Exchanges and Refunds

Please see the cancellation penalty as described above. No item may be returned without prior authorization of Lafayette Instrument Company and a Return Goods Authorization (RGA#) number which must be affixed to the shipping label of the returned goods. The merchandise should be packed well, insured for the full value and returned along with a cover letter explaining the reason for return. Unopened merchandise may be returned prepaid within thirty (30) days after receipt of the item and in the original shipping carton. Collect shipments will not be accepted. Product must be returned in saleable condition, and credit is subject to inspection of the merchandise.

Repairs

Instrumentation may not be returned without first receiving a Return Goods Authorization Number (RGA). When returning instrumentation for service,

please call Lafayette Instrument to receive a RGA number. Your RGA number will be good for 30 days. Address the shipment to:

Lafayette Instrument Company
3700 Sagamore Parkway North
Lafayette, IN 47904, USA.

Shipments cannot be received at the PO Box. The items should be packed well, insured for full value, and returned along with a cover letter explaining the malfunction. An estimate of repair will be given prior to completion ONLY if requested in your enclosed cover letter. We must have a hard copy of your purchase order by mail or fax, or repair work cannot commence for non-warranty repairs.

Damaged Goods

Damaged instrumentation should not be returned to Lafayette Instrument prior to a thorough inspection. If a shipment arrives damaged, note damage on delivery bill and have the driver sign it to acknowledge the damage. Contact the delivery service, and they will file an insurance claim. If damage is not detected at the time of delivery, contact the carrier/shipper and request an inspection within 10 days of the original delivery. Please call the Lafayette Instrument Customer Service Department for repair or replacement of the damaged merchandise.

Limited Warranty

Lafayette Instrument Company warrants equipment manufactured by the company to be free of defects in material and workmanship for a period of one year from the date of shipment, except as provided hereinafter. The original manufacturer's warranty will be honored by Lafayette Instrument for items not manufactured by Lafayette Instrument Company, i.e. resell items. This assumes normal usage under commonly accepted operating parameters and excludes consumable products.

Warranty period for repairs or used instrumentation purchased from Lafayette Instrument is 90 days. Lafayette Instrument Company agrees either to repair or replace, at its sole option and free of part charges to the customer, instrumentation which, under proper and normal conditions of use, proves to be defective within the warranty period. Warranty for any parts of such repaired or replaced instrumentation shall be covered under the same limited warranty and shall have a warranty period of 90 days from the date of shipment or the remainder of the original warranty period whichever is greater. This warranty and remedy are given expressly and in lieu of all other warranties, expressed or implied, of merchantability or fitness for a particular purpose and constitutes the only warranty made by Lafayette Instrument Company.

Lafayette Instrument Company neither assumes nor authorizes any person to assume for it any other liability in connection with the sale, installation, service or use of its instrumentation. Lafayette Instrument Company shall have no liability whatsoever for special, consequential, or punitive damages of any kind from any cause arising out of the sale, installation, service or use of its instrumentation. All products manufactured by Lafayette Instrument Company are tested and inspected prior to shipment. Upon prompt notification by the Customer, Lafayette Instrument Company will correct any defect in warranted equipment of its manufacture either, at its option, by return of the item to the factory, or shipment of a repaired or replacement part. Lafayette Instrument Company will not be obliged, however, to replace or repair any piece of equipment, which has been abused, improperly installed, altered, damaged, or repaired by others. Defects in equipment do not include decomposition, wear, or damage by chemical action or corrosion, or damage incurred during shipment.

Limited Obligations Covered by this Warranty

1. In the case of instruments not of Lafayette Instrument Company manufacture, the original manufacturer's warranty applies.
2. Shipping charges under warranty are covered only in one direction. The customer is responsible for shipping charges to the factory if return of the part is required.
3. This warranty does not cover damage to components due to improper installation by the customer.
4. Consumable and/or expendable items, including but not limited to electrodes, lights, batteries, fuses, O-rings, gaskets, and tubing, are excluded from warranty.
7. Failure by the customer to perform normal and reasonable maintenance on instruments will void warranty claims.
8. If the original invoice for the instrument is issued to a company that is not the company of the end user, and not an authorized Lafayette Instrument Company distributor, then all requests for warranty must be processed through the company that sold the product to the end user, and not directly to Lafayette Instrument Company.

Export License

The U.S. Department of Commerce requires an export license for any polygraph system shipment with an ULTIMATE destination other than: Australia, Japan, New Zealand or any NATO Member Countries. It is against U.S. law to ship a Polygraph system to any other country without an export license. If the ultimate destination is not one of the above listed countries, contact us for the required license application forms.