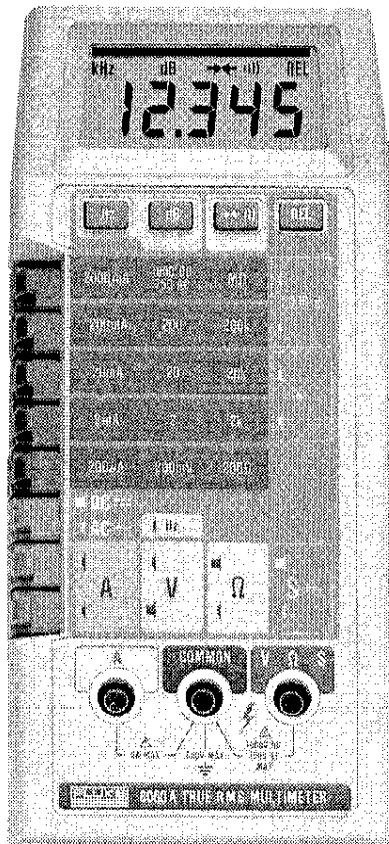


8060A/8062A 4½ Digit Handheld DMMs

A Test Lab in Your Toolbox

True-rms



Fluke's 8060A and 8062A 4½-digit/20000 Count DMMs offer more measurement capabilities than many bench/portable models. Well suited for engineers and technicians working in audio, video, telecommunications, or computer technology, both meters combine precision and accuracy with a wealth of features to fit nearly every application.

- True-rms AC voltage and current measurement
- Fast audible-visual continuity tests
- Relative Reference (offset): When measuring ohms with the 8060A or 8062A, the relative reference function

displays only the difference between a stored reference value and a measured value, even if the range was changed between readings. Relative mode works in all functions and ranges.

- Low-power ohms on all resistance ranges, for in-circuit resistor tests
- Constant-current diode test mode
- Resistance and conductance measurements
- Frequency and dB measurements (8060A). The 8060A's direct dB readout (referenced to 600Ω) easily and accurately measures the dB gain or loss of amplifiers, filters or attenuators.

Features

	8060A	8062A
True-rms	Volts to 100 kHz	Volts to 30 kHz
Digital Display/Counts	20000	20000
AC & DC Voltage	•	•
AC & DC Current	•	•
Resistance to 300 MΩ	•	•
Low Power Ohms	•	•
Diode Test	•	•
Fast Audible/Visual Continuity Test	•	•
Relative Mode	•	•
dBm or Relative dB	•	
Conductance	•	
Frequency	•	

Specifications

Function	Range and Resolution	8060A	8062A
VDC	200.00 mV, 2.0000V, 20.000V, 200.00V, 1000.0V	±[0.04%+2]	±[0.05%+2]
VAC (True-RMS, AC Coupled)	200.00 mV, 2.0000V, 20.000V, 200.00V, 750.0V	±[0.2%+10]	±[0.5%+10]
dBm, 600Ω reference	-50.00 - +60.00 dBm	±[0.15 dB]	NA
ADC	200.00 μA, 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA	±[0.2%+2]	±[0.3%+2]
AAC (True-RMS)	200.00 μA, 2.0000 mA, 20.000 mA, 200.00 mA, 2000.0 mA	±[0.75%+10]	±[0.75%+10]
Resistance	200.00Ω, 2.0000 kΩ, 20.000 kΩ, 200.00 kΩ, 300.0 MΩ	±[0.07%+2]	±[0.1%+2]
Frequency	200.00 Hz, 2.0000 kHz, 20.000 kHz, 200.00 kHz	±[0.05%+1]	NA
Conductance	2000.0S [equivalent to 500 kΩ]	±[0.5%+20]	NA

Battery Life: 170 hours typical (9V alkaline)

Weight: 0.41 kg (0.90 lb)

Size: 180 mm L x 86 mm W x 45 mm D (7.1" L x 3.4" W x 1.8" D)

One Year Warranty: One year guaranteed calibration

Accessories and Ordering Information

Included Accessories

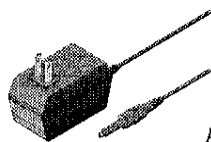
Both meters come with TL70A test leads, 9V battery, operator's manual, and spare fuse.

Ordering Information

8060A DMM

8062A DMM

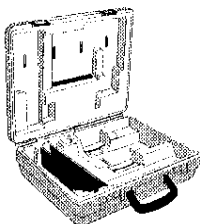
Recommended Accessories



A81 Battery Eliminator



C90 Soft Case



C100 Universal Carrying Case

using Sidekick 98 as your organizer. Then only the required files will be installed, rather than the entire TrueSync Information Manager organizer.

In addition, if you originally installed TrueSync for the PalmPilot and you are using a REX Docking Station, you must close HotSync Manager. To do this, right-click the icon with red and blue arrows in Windows system tray and choose Exit. Then run TrueSync configuration to configure the REX card.

Message: "No Memory!" on REX device

Q: The REX displays a "No Memory!" message after selecting Calendar or Contacts view or a specific day or contact. What may be causing this?

A: There are numerous issues that may cause this behavior. If you have an alarm that goes off while you are viewing an event or contact that has a very large note associated with it, this problem may occur. In addition, extremely long notes associated with an event or a contact, or large memos may also cause this behavior. This has nothing to do with the free memory reported on the REX; it is a distinct memory region on the REX. A damaged record may also cause this problem.

Here is a list of possible workarounds:

1. Synchronizing again has been known to resolve this issue.
2. Reset the REX, then synchronize again. If a soft reset does not resolve this, you may need to clear the memory on the REX by holding down the View key on the REX, then very gently press insert a paperclip into the recessed reset button on the back. You should see a list of items, one of which is Clear Memory. When "Done" appears on screen, select Restart, and then try synchronizing again. Or, you can simply remove both batteries for approximately 10 minutes instead.
3. Check your data for long notes associated with calendar events or contacts, or long memos. You may want to only synchronize one category at a time to narrow down the problem.
4. If the problem occurs in Contacts view, make sure that your contacts have data in at least one of the following fields: Last name, First name, or Company fields and one of the phone number fields.
5. If the message appears when viewing a specific day, contact, or memo, delete that item in your organizer, and then re-enter it in case that record is damaged. One user reported that a recurring event was causing this problem. He deleted all occurrences and re-entered it to resolve.
6. Try another set of batteries in the REX and ensure that the battery doors are tightly closed since the buttons are on the same side as the doors and pressing the button may be opening them slightly.
7. Make sure you are not bending the REX by storing it in your pants pocket. This can cause data loss or the "No Memory" message.
8. Test the REX memory by following these instructions:
 - a. Turn the REX off.
 - b. While holding down the View key, very gently press the recessed reset button on the back of the REX using the end of a paper clip. "System Mode" should appear.

c. Press the down arrow key to select "Clear Memory" and press the Select key. When "Done" appears, press the Select key again.

d. Press the down arrow key to select "Memory Tests" and press the Select key. Press the Select key again when done testing. To restart the REX, press the down arrow key to select Restart and press the Select key once more.

If any of the memory tests fail, it is most likely that the REX is defective. Contact Franklin's Customer Service, by calling 1-888-REX-6400 (1-888-739-6400). Press 2 when prompted to request a warranty replacement. You can also call 1-609-386-2500.

Message: "REXTIM caused an invalid page fault in module BCOSKSYNC.DLL"

Q: After installing TrueSync Information Manager, the message "REXTIM caused an invalid page fault in module BCOSKSYNC.DLL" appears when trying to synchronize. I have tried re-installing, yet the same problem occurs. What should I do to resolve this?

A: Backup all of your data files, which are stored in the Userdata folder by default. Uninstall REX TrueSync Information Manager by choosing Settings | Control Panel | Add/Remove Programs from Windows Start menu. Restart your computer. Delete the remaining REX TrueSync folders. Make sure you do **NOT** delete your backup data. Edit the registry by following the steps below:

WARNING Be extremely careful when editing your registry to delete only what is specified here. Deleting or changing anything else could result in serious problems running Windows 95 or other applications. We recommend backing up your registry before proceeding by making a backup copy of USER.DAT and SYSTEM.DAT. These are hidden files and can be found in the Windows folder. Consult your Windows documentation and your network administrator for additional help backing up your registry files.

1. From the Windows Start Menu choose Run, enter "regedit," and then click OK.
2. Delete the following registry key:

HKEY_LOCAL_MACHINE\SOFTWARE\Starfish\REX TrueSync Information Manager

3. Choose Registry | Exit to close the Registry.
4. Re-install TrueSync Information Manager and copy your original data files back into the REX TrueSync\Userdata folder.

If these steps do not resolve this issue, you may need to install while in Safe mode. To do this, hold down the F5 key while "Starting Windows 95" is displayed on screen during startup or simply hold down the Shift key. Choose "Safe mode", and then re-install TrueSync Information Manager. Restart Windows in the normal mode after re-installing.

Message: "REXTIM caused an invalid page fault in REXTIM.EXE"

Q: The following message appears when **adding a record** to a cardfile: "REXTIM caused an invalid page fault in REXTIM.EXE." How can I fix this?

A: Export your cardfile to another file format, and then import this file into TrueSync Information Manager. Most likely, this process will remove any damaged data. To export the cardfile:

1. Make a backup copy of your cardfile.

2. Save your current cardfile to a new name by choosing File, Save Cardfile As.
3. Then, export the cardfile to another file format.
4. Import that file back into TIM and save it with the original name cardfile name, in the original folder.

Try adding a record to the cardfile to see if it will now work.

Message: "REXTIM caused an Invalid Page Fault in REXTIM.EXE"

Q: The following message appears when **starting** REX TrueSync Information Manager: "REXTIM caused an Invalid Page Fault in Rextim.exe." What can I do to resolve this?

A: Close REX TrueSync Information Manager, rename your *.SKCard file (where * is equal to your cardfile name) to .old. By default, TrueSync Information Manager data files are stored in the Starfish\REX TrueSync\Userdata folder. Then open REX TrueSync Information Manager. If an invalid page fault still appears, uninstall, and then re-install REX TrueSync Information Manager to resolve.

Message: "REXTIM caused an invalid page fault in module SKACCESS.DLL"

Q: The message, "REXTIM caused an invalid page fault in module SKACCESS.DLL" appears when trying to import or synchronize a calendar or contacts. What can I do to resolve this?

A: Here are a few suggestions:

1. Choose Help | About to check for the version of TrueSync Information Manager. If no version is listed, you have v1.0 installed. To receive your free TrueSync Information Manager 1.6 update, please send e-mail to cs@starfish.com with "TIM 1.6" in the subject heading and you will be sent download instructions.
2. One customer found that he had added extensive text in a Schedule+ appointment. Once he deleted the text, he was then able to import his data.
3. A similar problem has been reported while synchronizing contacts. One user found that changing one character in a contact last, first or company field resolved this problem.

Message: "REXTIM caused an invalid page fault in module WININET.DLL"

Q: When attempting to launch REX TrueSync Information Manager, the message "REXTIM.EXE caused an Invalid Page Fault in Module WININET.DLL" appears. The program continued to load and does appear functional. Is there any way to prevent the message from appearing?

A: There are two known solutions to this issue:

1. Delete your Internet cache files. If you are using Internet Explorer, they are located in the 'Temporary Internet Files' folder. There are four Cache folders (Cache1, Cache2, etc.) If you are using Netscape Communicator, they are in the Program Files\Netscape\Users\Default\Cache folder.
2. Re-install Internet Explorer.

Message: "SIDEKICK caused an invalid page fault in module DATALINK.DLL"

Q: The message, "SIDEKICK caused an invalid page fault in module DATALINK.DLL" appeared when trying to synchronize Contacts and Memos. What do I need to do to correct this?

A: Restart your computer and close all other applications except Explorer, Systray, and TrueSync. To make sure all other applications have been closed, hold Ctrl+Alt, and then press the Del key once. Select each program listed other than those listed above, and then click End Task. You can now try to synchronize by right-clicking the REX TrueSync icon in the system tray and choosing Synchronize.

Message: "SKCALIMP caused an invalid page fault in module MSVCRT.DLL"

Q: When attempting to import a Microsoft™ Outlook calendar, the following message appears:

"SKCALIMP caused an invalid page fault in module MSVCRT"

What can I do to resolve this?

A: Starfish has an updated version of TrueSync Information Manager 1.6 available. This enhanced version has improved the import capabilities of Outlook, Schedule+, Organizer, and Act! into TrueSync Information Manager. To receive your free TrueSync Information Manager 1.6 update, please send e-mail to cs@starfish.com with "TIM 1.6" in the subject heading and you will be sent download instructions.

In addition, refer to technical document, "Common Outlook Import Questions." A link to our support documents can be found on the REX & TrueSync Information Manager Web page at the following address: <http://www.starfishsoftware.com/service/support/rex.html>

This document provides detailed instructions for removing archived data from your Outlook calendar, which may also be the cause of this problem

Message: "SKCALIMP caused an Invalid Page Fault in module RPCRT4.DLL"

Q: When trying to import Schedule+ contacts, the message "SKCALIMP.EXE caused an Invalid Page Fault in module RPCRT4.DLL." What may be causing this and is there a possible solution?

A: Delete and then re-enter recurring appointments in Schedule+. Or, you can check for any multiple recurring appointments that are setup for the exact same time period and delete and re-enter both of them.

Message: "The custom form could not be opened. Outlook will use an Outlook form instead."

Q: While importing an Outlook 97 calendar in offline mode the following messages appear: "The custom form could not be opened." "Outlook will use an Outlook form instead." "The object does not support the requested action". The system hangs while importing.

A: This problem may be due to items in your database that are in conflict with one or more other items. To correct this in Outlook, select View - Current - View by Category and check for items with a crossed sword icon next to them. These items are in conflict with one or more other items and need to be deleted prior to importing in REX TrueSync Information Manager.

Message: "The file you have selected cannot be read. Please select another file to import."

Q: The message, "The file you have selected cannot be read. Please select another file to import." appears when trying to import into REX TrueSync Information Manager or Sidekick 98. What may be causing this?

A: If you are importing Outlook, Lotus Organizer, ACT!, or Schedule+ data, make sure that the appropriate application is installed on the machine you are trying to import from.

Message: "This Application failed to initialize properly (0xc0000005)"

Q: When I attempted to install True Sync Information Manager on WinNT 4.0, it seems to install properly, but when I try to launch REX TrueSync Information Manager, the message, "This Application failed to initialize properly (0xc0000005)" appears. Any ideas how to resolve this?

A: One customer found a conflict with a Lotus Notes file called QNC.EXE. He closed QNC.EXE, and then was successfully able to open REX TrueSync Information Manager.

Message: "Transferring updates from your REX card"

Q: REX TrueSync Information Manager displays, "Transferring updates from your REX card." What is REX TrueSync Information Manager doing when it initially begins synchronizing?

A: REX TrueSync Information Manager currently only performs a one-way sync of your calendar, contacts, and memos. When synchronization begins, it is checking for available memory, preferences (password information), and the battery status. The data is compiled and compressed, then written to the REX device.

Message: "TrueSync caused an invalid page fault in the DATALINK.DLL"

Q: The message "TrueSync caused an invalid page fault in the DATALINK.DLL" appears when trying to synchronize to the REX card. Also, no fields are listed during configuration. What can I do to resolve these issues?

A: Create a new card file, add a card, and then save the cardfile with a unique name. Configure TrueSync to synchronize the newly created file, and then try synchronizing again. If synchronization is successful, reconfigure TrueSync once more to synchronize your original card file. If the same message appears, try the following:

1. Create a backup copy of your cardfile. The easiest way to do this, is to simply choose File - Save As and enter a unique name.
2. Create a new cardfile. Select none when prompted for template. Click Cancel when the Define Cardfile Fields window opens.
3. Select your backup cardfile tab. Select all cards by clicking the first card, hold down the Shift key, and then click the last card. Hold down your left mouse button and drag those cards to the new Untitled cardfile tab towards the bottom of the screen. Note that this step will move all cards from your backup file to the newly created file.
4. Choose Cards - Sort and define the sort order that you prefer (i.e., Last name, First name, Company). This will also define what appears in the index.

5. Save this new cardfile with a unique name.
6. Configure TrueSync to synchronize this new cardfile.

Message: "TrueSync caused an invalid page fault in module KERNEL32.DLL"

Q: The message "TrueSync caused an invalid page fault in module KERNEL32.DLL" appears on screen when trying to open TrueSync Information Manager for the first time after installing it. What can I do to resolve this?

A: Uninstall TrueSync Information Manger using Add/Remove Programs by choosing Settings - Control Panel from Windows Start menu. Restart Windows in Safe mode. To do this, hold down the F5 key while "Starting Windows 95" is displayed on screen during startup or simply hold down the Shift key instead. Choose "Safe mode," and then re-install TrueSync Information Manager. Restart Windows in the normal mode after re-installing.

Message: "TrueSync caused an invalid page fault in module SKACCESS.DLL."

Q: The following message appears when trying to import an Outlook 97 calendar: "TrueSync caused an invalid page fault in module SKACCESS.DLL." What may be causing this and how can I fix it?

A: Damaged recurring events may be causing this problem. Delete and re-enter all recurring events in Outlook. Or, check your list of recurring events in Outlook and look for any extended ASCII characters. If any are found, delete and re-enter only the problem events.

Message: "Unable to open file"

Q: When trying to open REX TrueSync Information Manager, the message, "Unable to open file" appears on screen.

A: This message may appear if a DLL is missing. Uninstall REX TrueSync Information Manager, close all other applications, including any virus scanning programs, and then re-install REX TrueSync Information Manager.

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