# **User Manual**

### 1. Installation

#### 1.1 System Requirements

To Install this software, your computer should contain:

- Pentium 1G-megahertz (MHz) processor or faster
- At least 1GB of RAM
- At least 2GB of available space on the hard disk
- USB 2.0 / 3.0 Port(s)

The software only supports the following operating systems: Windows with version no lower than Vista

#### 1.2 Install software

- 1. Insert the installation CD-ROM into your computer.
- 2. The menu will be opened automatically (if installation doesn't start immediately, double-click autorun.exe in your CD-ROM directory).

# 2. Launch the software

To start the application, please go to Start Menu->All Programs->DMM

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Main screen of the software is as follows:

1	Main menu area	Users can access different functions through the main menu.
2	Toolbar area	Users can access different functions through the Toolbar.
3	Display area	Shows the current measured value.
4	Command area	Users can send command to device.
5	Record area	Display the measure data in list form.
6	Measure chart area	Display the measure data in a graphical format.

# 3. Using the software



Click <u>Connect</u> connected to the PC and meter will automatically start taking

measurements(Before connection, make sure you have enabled its data transmission function).

#### 3.1 Main menu area

1	File -> Options	Setting the software.
2	File -> Exit	Exit the software.
3	Device -> Connect	Connect/Disconnect device.
4	View -> XXXX	Show/Hide Child window.
5	Help -> Manual	User manual.

#### 3.2 Fast bar area

1	Connect	Connect/Disconnect device.
2	Options	Setting the software.
3	E <u>x</u> it	Exit the software.
4		Show/Hide Child window.
5	User Manual	User manual.

### 3.2.1 Setting the software

	Options	
	Record	
5	Sample Points Sample Rate	10,000 Trifinite Infinite I
		OK Cancel
1	Sample Points	Instruct the recorder to take a finite number of readings.
2	Sample Rate	Instruct the recorder to readings at a specific rate.

3	Skip repeat Reading	System will not record a duplicate reading if this option was
		checked.

# 3.3 Display area

Shows the current measured value.

## 3.4 Command area

# 3.4.1 Change the secondary function

Sa	ave	Record	Company Compan
1	Save		Click to open SAVE menu, refer to 3.4.1.1.
2	Record	I	Click to open Record menu, refer to 3.4.1.2.
3	) MaxMir	ı	Enter/exit MAXMIN mode.
4	Hold		Enter/exit Hold mode.

### 3.4.1.1 Save Menu



1	层 Save	To save a datum
2	📋 View	To display stored data, refer to 3.4.1.1.1
3	前 Delete All	To delete all stored data

# 3.4.1.1.1 Display stored data

NO.		10							-					
	Time	Mode			Ran	ge			м	leasureVali	ue			
	Time	Pri	Sec	Other	Min	Max	Main	Unit	Aux1	Unit	Aux2	Unit	Aux3	Un
1	2014-04-09 14:59:16	mVDC	mVDC		-60	60	-3.001	mVDC						
2	2014-04-09 14:59:17	mVDC	mVDC		-60	60	-4.820	mVDC	3			J		
3	2014-04-09 14:59:31	mVDC	mVDC		-60	60	-0.572	mVDC						
4	2014-04-09 14:59:32	mVDC	mVDC		-60	60	-2.445	mVDC						
5	2014-04-09 14:59:32	mVDC	mVDC		-60	60	-0.840	mVDC						
6	2014-04-09 14:59:33	mVDC	mVDC		-60	60	-0.865	mVDC						
7	2014-04-09 15:19:12	mVDC	mVDC		-60	60	-2.433	mVDC						
8	2014-04-09 15:19:14	mVDC	mVDC		-60	60	-2.728	mVDC						
9	2014-04-09 15:19:14	mVDC	mVDC		-60	60	-1.004	mVDC						
10	2014-04-09 15:19:15	mVDC	mVDC		-60	60	-0.530	mVDC						
11	2014-04-09 15:19:15	mVDC	mVDC		-60	60	-4.012	mVDC						
12	2014-04-09 15:19:16	mVDC	mVDC		-60	60	-4.012	mVDC						
13	2014-04-09 15:19:16	mVDC	mVDC		-60	60	2.883	mVDC						
14	2014-04-09 15:19:16	mVDC	mVDC		-60	60	2.883	mVDC						
15	2014-04-09 15:19:17	mVDC	mVDC		-60	60	-1.978	mVDC						
16	2014-04-09 15:19:17	mVDC	mVDC		-60	60	-1.978	mVDC						
17	2014-04-09 15:19:17	mVDC	mVDC		-60	60	-4.175	mVDC						
18	2014-04-09 15:19:17	mVDC	mVDC		-60	60	-4.493	mVDC						
19	2014-04-09 15:19:18	mVDC	mVDC		-60	60	-4.493	mVDC						
20	2014-04-09 15:19:18	mVDC	mVDC		-60	60	-0.138	mVDC						

1	Toolbar area	Refer to 3.4.1.1.1.1
2	Information area	Display the quantity of the stored data and set the number of
		data to be displayed on each page when load stored data
3	Display area	Display the loaded stored data

#### 3.4.1.1.1.1 Toolbar area

1	Save	Save the loaded stored data
2	Print	Print the loaded stored data
3	La Refresh	Reload the stored data
4	) Delete	Delete selected stored data
5	Prior	Last page of stored data
6	1	Current page number
7	Next	Next page of stored data

### 3.4.1.2 Record Menu

=	Start
	Stop
	View
	Delete All

1	📇 Start	Start recording new record data, Refer to 3.4.1.2.1
2	👳 Stop	Stop recording record data
3	Uiew	Display record data, refer to 3.4.1.2.2
	<u> </u> Delete All	Delete all record data

# 3.4.1.2.1 New Record Data Settings

Name:	REC_0	01		
Interval:	×	0 Min 💂	1 Sec	
Duration:	•	0 Days 💌	0 Hrs 💌	1 Min

Press Start to begin recording new record data

# 3.4.1.2.2 Display Record Data

<b>Save</b>	Load	La Refresh	) Delete	<b>E</b> xit	Prior	15	8	O Next	1
Name:	REC_00		Start:	14/04/08 16:2	27:21				
Interval:	0 min	1 sec			Maximum:		2,888 mVDC		
Duration:	0 day	0 hrs	14 min	50 sec	Average:	-	-2,412 mVDC		2
Samples:		891			Minimum:	ł	2.949 mVDC		
and the second s					-				
				Ind	lex: 1	Time:	2014-04-08	16:27:21	Value: -2.949
2.500 - 2.000 - 1.500 - 1.000 - 0.500 - 0 -0.500 - -1.000 - -1.500 -				······································					3
-2.000 -		the first of the second s							
-2.000 - -2.500 - 2014-	24.00	4-04-08	2014-04-08	2014-04-08	2014-04-08	2014-04-08	2014-04	-08 2014-04	-08 2014-04-08

1	Toolbar area	Refer to 3.4.1.2.2.1
2	Description area	Display the description of record data
3	Chart area	Display record chart, refer to 3.4.1.2.2.2

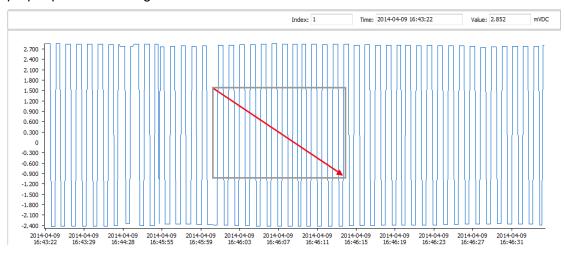
# 3.4.1.2.2.1 Toobar area

1	Save	Save the record data
2	Load	Load the saved record data and enter into loading mode
3	La Refresh	Reload the record data
4	) Delete	Delete the selected record data
5	exit	Exit the loading mode
6	Prior	Previous record data record
7	9	Number of record data
8	1	Current page number

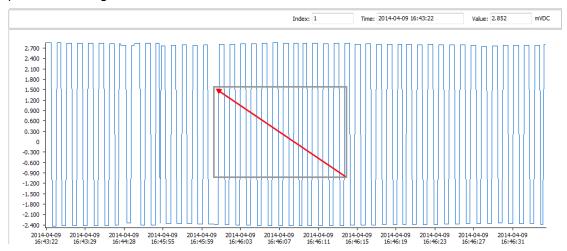
9	Next	Next record data record			
3.4	3.4.1.2.2.2 Chart area				
1	1 Stop loading record data				

#### 3.4.1.2.2.2.1 Zoom in on Record Chart

Zoom in: Press down the left mouse button and drag it to lower right, and then release at a proper position. See figure below:



Restoration: Press left mouse button and drag it to upper left, and then release at a proper position. See figure below:



### 3.4.2 Change the measure mode

imary Mode		
mVDC	O AC+DC O Peak	
Secondary Mo	le	
mVDC	() REL	· · · · · · · · · · · · · · · · · · ·



# 3.4.3 Change the Range

Range	
Auto	•

Select range from the drop-down list

# 3.5 Record area

Cle	ar Save	Load	😝 Print
1	Clear	Clear all data.	
2	Save	Save data.	
3	Load	Load data.	
4	Print	Print data.	