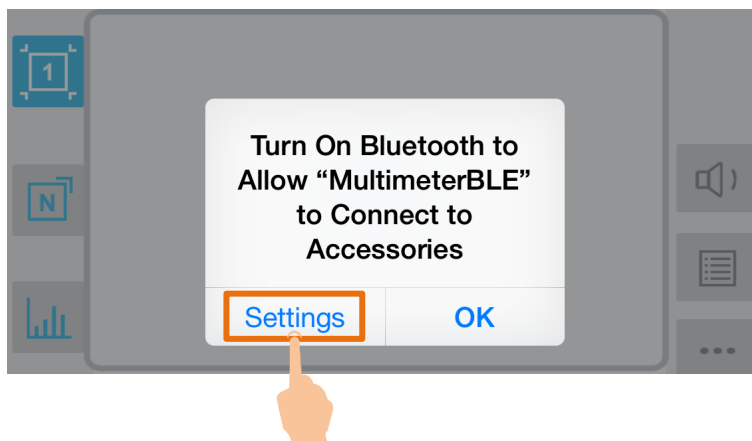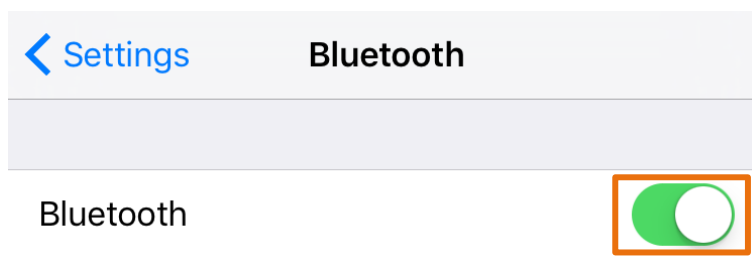# multicomp PRO

Bluetooth DMM MP730026

iOS App Quickstart Guide

How to connect with iOS Device

(1) Download the app BLE DMM and Install the free software for iOS on your iOS smart device.

(2) Launch the application. If the Bluetooth function is not activated, a dialog box will prompt you to turn on Bluetooth. Tap on "Settings".
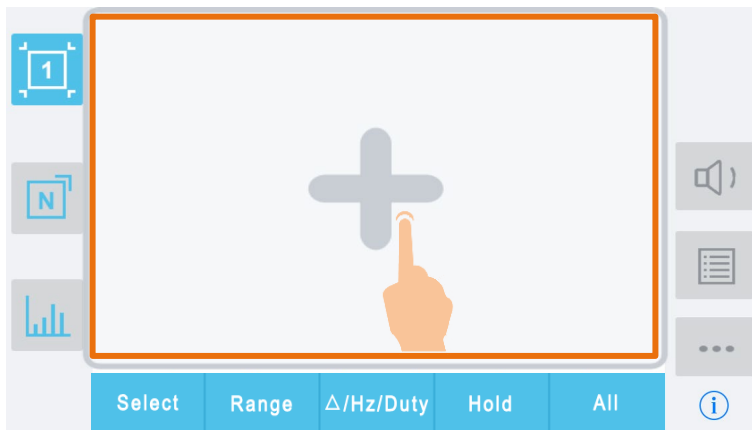

Turn on Bluetooth, and return to the multimeter APP.

(3) Turn on the multimeter, press and hold ![Hz/Duty △/*] until ![Bluetooth] appear on the display.

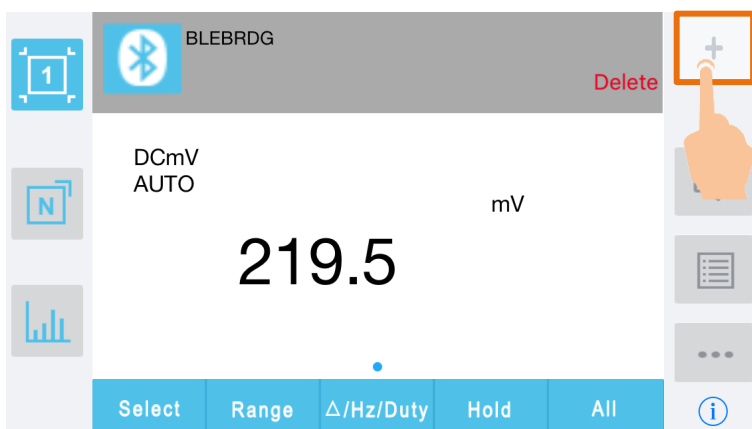(4) Tap on the center to launch device connection.

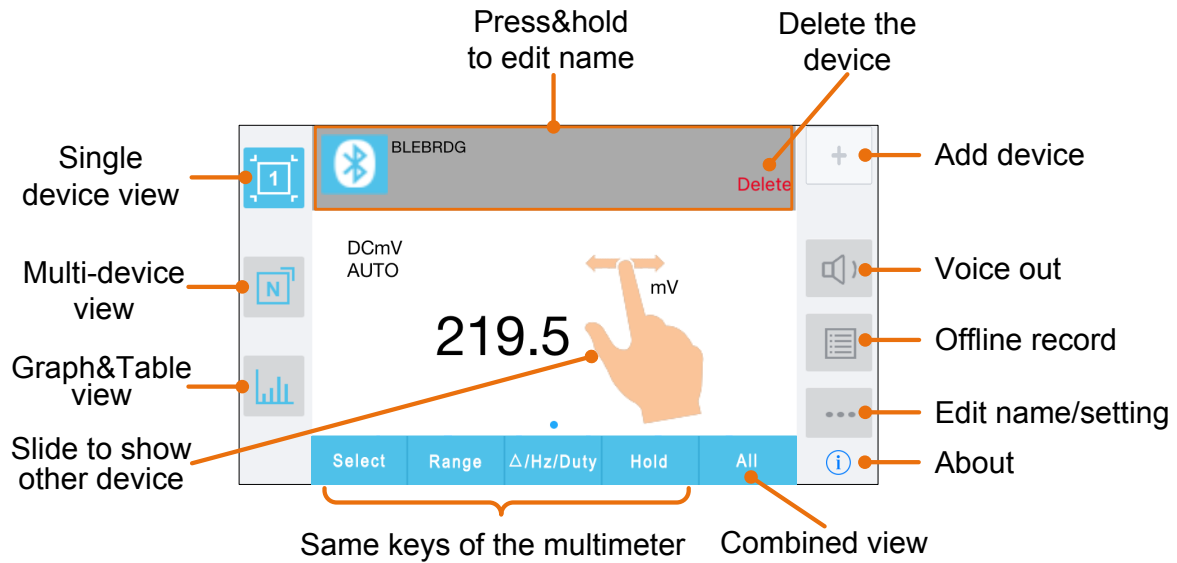(5) Select the desired multimeter in the device list.

(6) The measurements will be shown if the connection is successful. You can tap on the ➕ softkey on the right to add another multimeter.
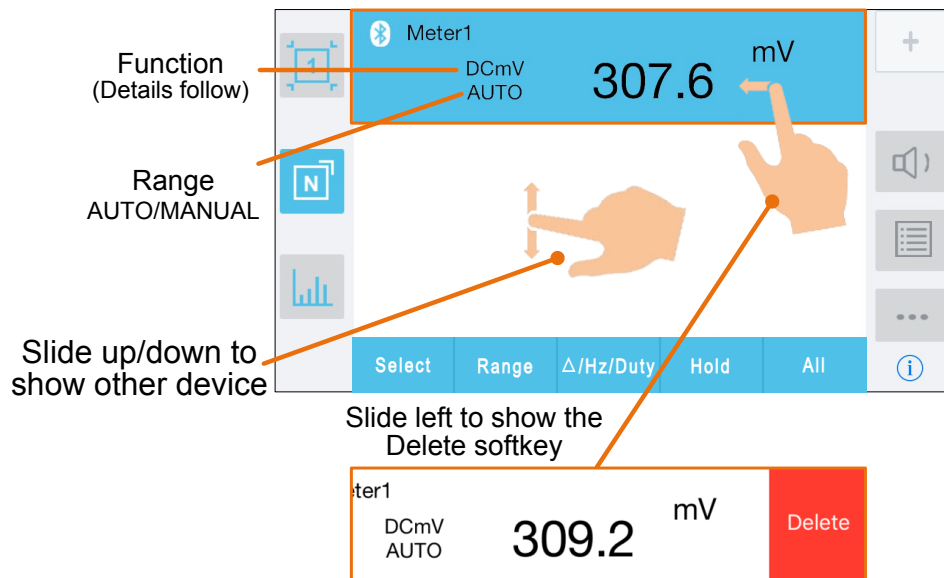
User Interface in iOS App

Single Device View

Press&hold to edit name

Delete the device

Single device view

Multi-device view

Graph&Table view

Slide to show other device

BLEBRDG

Delete

DCmV
AUTO

219.5

mV

Select | Range | Δ/Hz/Duty | Hold | All

Add device

Voice out

Offline record

Edit name/setting

About

Same keys of the multimeter

Combined view

Multi-device View

Function
(Details follow)

Range
AUTO/MANUAL

Slide up/down to show other device

Meter1

DCmV
AUTO

307.6

mV

Select | Range | Δ/Hz/Duty | Hold | All

Slide left to show the Delete softkey

...ter1
DCmV
AUTO

309.2

mV

Delete

Function Description Table

Display	Function
DC	Direct Current
AC	Alternating Current
RES	Measuring Resistance
DIO	Testing Diodes
BEEP	Testing for Continuity

Display	Function
CAP	Measuring Capacitance
Hz	Measuring Frequency
DUT	Measuring Duty Cycle
TEMP	Measuring Temperature
NCV	Non-contact Voltage Detect

Graph&Table View

Show/hide the table

Select device

Zoom the graph using button or gesture

NO.	Function	Value	Unit
66	DCmV	305.0	mV
67	DCmV	305.0	mV
68	DCmV	304.9	mV
69	DCmV	304.8	mV
70	DCmV	304.8	mV
71	DCmV	304.8	mV
72	DCmV	304.7	mV
73	DCmV	304.7	mV
74	DCmV	304.6	mV
75	DCmV	304.6	mV
76	DCmV	304.5	mV
77	DCmV	304.4	mV

Meter1

Record/pause

Save Data —— Save the displayed data into .CSV file

Clear Data —— Clear the data that is being displayed

Choose File —— Enter the selecting file interface

Setting —— Enter the setting Interface

Selecting File Interface

< Back   Choose File   Edit

Device1.csv

More

Load Data

Share

Rename file

Delete

Cancel

Be selected

File operations

Setting Interface

Upper/lower limit

Alert on/off

Record interval in the application software

< Back

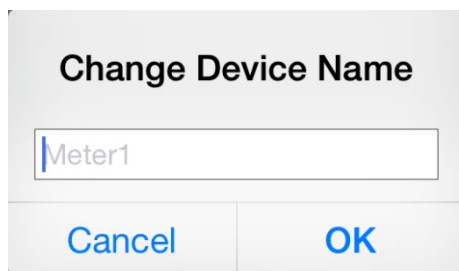| Warning Max	300		Sampling interval	3sec
Warning Min	20			
Voices Speed				

Operations in iOS App

● **Customize the meter name**

The device name of the meter can be customized. Press and hold the device name (in single device view), or click [···] softkey (in single or multi-device view) and select "Change Device Name", a dialog box below will pop up. You can input the customized name, this name will be memorized in the device. If this meter is connected to the same device next time, the customized name will be shown. If this meter is connected to another device, the name is still the default one or the customized name to the connected device.

Change Device Name

Meter1

| Cancel | OK |

● **Add meter**: In single or multi-device view, click [+] softkey.

● **Select meter**: In single device view, slide left or right to switch the meter view. In multi-device view, click a device item to select it, the background is turned to blue.

● **Disconnect meter**: In single device view, click "Delete". In multi-device view, slide a device item to the left to show the "Delete" softkey, and click it.

● **Voice out function**: In single or multi-device view, click the [🔊] icon to turn on voice out. Click [🔊] to turn off. In settings interface, you can adjust the reading speed.

● **Alert**: In setting interface, you can enable the alert notification, and set the upper/lower limit. APP will alert for any out-of-limit event.

● **Upgrade Online**: In single or multi-device view, click [ⓘ]. If "Latest" is shown, indicates it is the latest version, no need to update. If "Update" is shown, you can click to update the APP.

● **Remote Control**: In single or multi-device view, the control softkeys below

| Select | Range | △/Hz/Duty | Hold | which can be short or long pressed to perform control, just as pressing the corresponding keys of the multimeter.

Multimeter Offline Record (iOS)

When measuring with MP730026, you can use iOS device APP to send a command, the multimeter will start recording the measurements. After receiving the command, the connection will be disconnected automatically. The multimeter will record the measuring data in its own memory. After completion of the record, use APP to reconnect the multimeter, and then you can read the measuring data into the iOS device as a CSV file. You can use this function to record for a long time without staff on duty, while reducing Bluetooth consumption to conserve the battery power of the multimeter.

Note: When the low battery indicator appears on the meter screen, the offline record function may not work correctly. Please check the batteries of the meter to ensure them in a good state.

(1) Connect the iOS device with the multimeter, see "*How to connect with iOS* Device" on P1.

(2) In APP device view, tap on the softkey on the right, select "**Record setting**" from the pop-up menu.

Tips:The earlier record in the multimeter will be overwritten.

Record interval _____1_____Sec

Record counts ___10____Maximum is 10,000
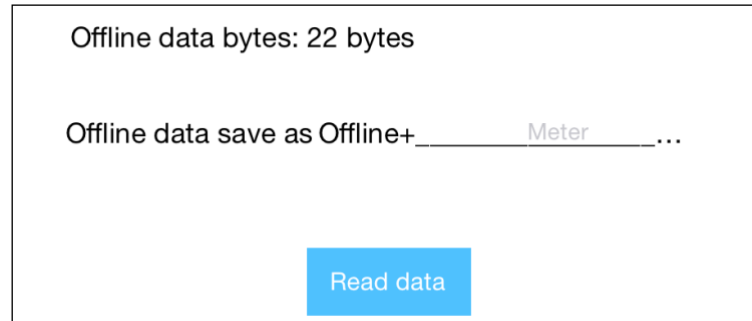
Record will cost time about: 9Sec

start offline record

(3) Set "Record interval" and "Records counts" (maximum records count is 10,000). Tap on "**start offline record**". The memory in the multimeter can only store one recording data at a time. When starting to record, the earlier offline record stored in the multimeter will be overwritten.

Note: If you want to interrupt the recording process of the multimeter, reconnect the iOS device and the multimeter, select "Stop recording".
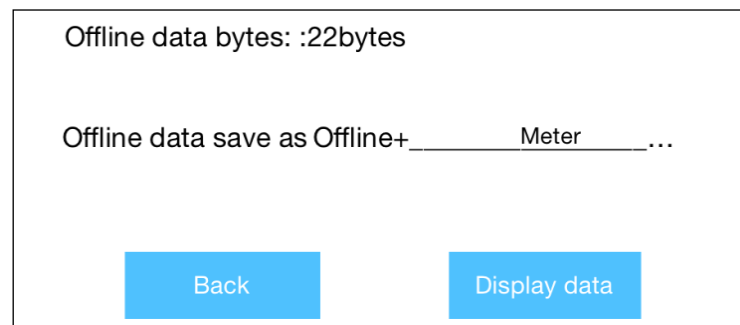
(4) After completion of the record, to read the measuring data, reconnect the iOS device and the multimeter.

(5) In APP device view, tap on the [icon] softkey on the right, select "**Record read**" from the pop-up menu. The file name start with "Offline", the following part can be customized.

Offline data bytes: 22 bytes

Offline data save as Offline+_____Meter_____...

Read data

(6) Tap on "**Read data**", APP will read the measuring data and save as a CSV file into the iOS device.
   After reading, display as below:

Offline data bytes: :22bytes

Offline data save as Offline+_____Meter_____...

Back   Display data

(7) Tap on "**Display data**", the data will be displayed in Data Graph and Table interface.