



MICROTECH INSTRUMENTS CONNECTION BOOK

MICROTECH	CONTENT
WIRELESS CONNECTION TO IOS DEVICES	PAGE 6
WIRELESS CONNECTION TO ANDROID DEVICES	10
WIRELESS CONNECTION TO WINDOWS DEVICES	16
WIRELESS HID CONNECTION WIRELESS HID	26
USB HID CONNECTION USB HID	29
HUB CONNECTION HUB	30
FIRMWARE UPDATE	31
TROUBLESHOOTING	32

MICROTECH INSTRUMENTS FUNCTIONS











			CO	MPUTERIZED		DIGIT	AL
	Functions	TABLET LAB	TABLET	COMPUTERIZED	E-ink	WIRELESS	USB
	Display	Color 3,5"	Color 2,4"	Color 1,54"	Mono 2,13"	Digita	al
	Resolution	480x320	320x240	240x240	250x122		
	Touchscreen	•	•	•	•		
Ch	narging socket		N	Micro-USB IP67			
Rech	argeable battery	•	•	•	•		
В	attery status	•	•	•	•		
Ener	gy saving modes				•	•	•
A	Auto sleep on	•	•	•	•	•	•
	val.	2000	2000	2000	1000		
M	Folders	•	•	•			
Memory	Statistics	•	•	•	•		
	Data transfer	•	•	•	•		
	Wireless	Long r	ange to MDS ap	p for Windows, Android, iO	S. MacOS (Free & Pro v	version)	
	Wireless HID			t to any app and OS (like k			
Connection	Wireless HID+MAC			ct to any app and OS (like I	•		
	USB HID			app and OS (like keyboard			HID USB
	Modbus/PLC	option	option	'' · · · ·	· •		
	2D master	Wireless Sync					
HUB mode	2D slave	, , , , ,		Sync like Slave device			1
	Probe mode	Wireless Sync w					
3D Probes	Manual mode	•					
operating	Auto mode	•					
	netric measuring	•					
	r-driven operation	option					
	ternal joystick	option					
	nnection status	•	•	•	•		
Preset		Preset r	manager with qu	ick activation	•	option	option
Adjuct	table Analog scale	•	• •	ick activating		орион	орстоп
Aujust	Formula	•	•	•	•		
Lin		•	•	•	•		
Limits (Go/NoGo)							
	eak (Min/Max)	•	•	•	•		
	st value (HOLD)	•	•	•	•		option
Resolution selection		•	•	•	•	1	
	/inch selection	•	•	•	•	•	•
	near correction	•	•	•	•		
Tempe	erature correction	•	•	•			
	Timer	•	•	•	•		
	alibration date	•	•	•	•		Ţ
	sword manager	•	•	•			
	lser manager	•					
Fir	mware update	•	•	•	•		

DATA TRANSFER POSSIBILITIES

DATA TRANSFER POSSIBILITIES

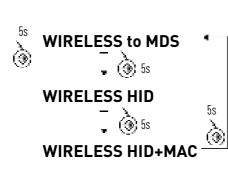
MICROTECH V

DIGITAL WIRELESS INSTRUMENTS

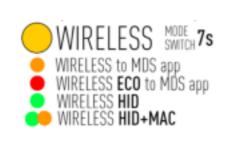
3 DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS
- WIRELESS HID+MAC to any app and OS (with MAC address)









E-INK INSTRUMENTS



3 DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (DOT/COMMA; SYMBOLS config)
- USB HID to any app and OS (dot/comma/symbols config)

EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, by TIMER

CONNECTION STATUS INDICATION



COMPUTERIZED INSTRUMENTS



5 DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- HUB (2D, Probe) synchronization (Slave device)

EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, FOLDERS, TIMER

CONNECTION STATUS INDICATION











TABLET INSTRUMENTS



6 DATA TRANSFER MODES:

- WIRELESS data to MDS app (Windows, Android, MacOS, iOS)
- WIRELESS HID to any app and OS (dot/comma/symbols config)
- WIRELESS HID+MAC to any app and OS (with MAC address)
- USB HID to any app and OS (dot/comma/symbols config)
- HUB (2D, Probe)synchronization (Slave device)
- HUB (2D, Probe) synchronization (Master device)

EXTRA FUNCTIONS: DATA TRANSFER from MEMORY, FOLDERS, GRAPHIC, SYNCHRONIZED DEVICE, TIMER

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS WWW.MICROTECH.UA

MDS IOS FUNCTIONS

Platform Max. instruments

mm/inch conversion

Max Distance, m

Foot-Switch connection

Display value

Go/NoGo functions Graphical mode Timer Measuring history Save data to csv Save graph

User manager Device battery status indication

Voice mode

Multilanguage

MDS for iOS



299100060

up to 50m

English,

Ukrainian,

Russian

INSTRUMENTS CONNECTION TO MDS APP (6)



MICROTECH \

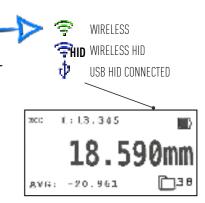
COMPUTERIZED INSTRUMENTS TABLET INSTRUMENTS

- Before starting connection or searching on MDS app Select WIRELESS ON mode on Computerized or Tablet instrument in connection menu
- Select optional Connection Power for better stability and connection distance



E-INK INSTRUMENTS

- Before starting connection and searching on MDS app Select WIRELESS mode on E-ink instrument in connection menu
- MENU+DATA button 2sec Data transfer setting Wireless, Wireless ON -WIRELESS data transfer to MDS App





MDS IOS INSTALLATION

APP INSTALLATION

Install the latest MDS App from App Store. Standard version (2 connections) for FREE. PRO version of MDS_app for iOS can be order throw App

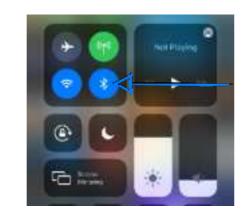




APP ACCESS

Confirm application access to Bluetooth module of Smartphone.

Make sure that Bluetooth is switched on (App request it to receiving data from Wireless and Computerized MICROTECH instruments



DIGITAL WIRELESS INSTRUMENTS

• Before starting the connection, you should start the search in the MDS app and select the WIRELESS mode in the MDS app using the DATA button according to the device manual.

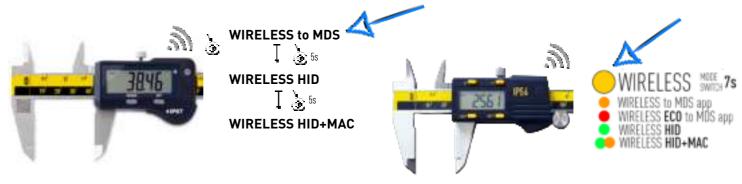
STANDARD MODE

- non stop data transfer 4 times/sec
- CR2032 battery works in non stop data transfer up to 100h

ECONOMY MODE

- data transfer only by Wireless button press
- CR2032 battery works in this mode up to 6 months

We recommend to use ECONOMY MODE for WIRELESS INSTRUMENTS



CONTACT US FOR DEVELOP CUSTOM SOLUTIONS WWW.MICROTECH.UA

Add MICROTECH instruments to DEVICES list:

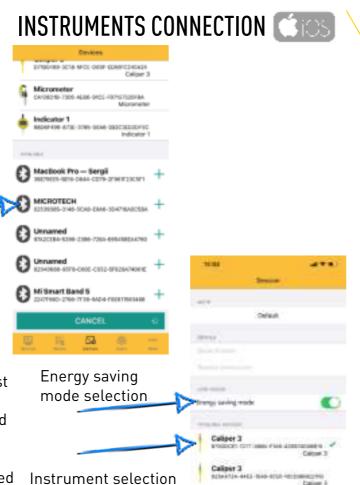
- Switch on the MICROTECH instrument. Activate Wireless mode on instrument.
- Open DEVICES menu in MDS App and TAP SEARCH button
- Wireless devices around the Smartphone will be displayed.
- Find desired device with MICROTECH

name and + button in app to add it.

- You can add any qty of instruments to Device list.

Start SESSION:

- Select one of available devices (added to devices list before)
- For using Wireless instruments (non Computerized electronics) recommended to select **Energy saving mode**».
- Don't use **«Energy saving mode»** with Computerized instruments
- In FREE version you can use up to 2 instruments in a session at the same time.
- In PRO version you can use up to 8 instruments in a session at the same time.





MEASURING PROCESS AND DATA SAVING

When SESSION started you can receive data from connected instruments. In **Standard mode** (data transferring non-stop 4 times/sec) for saving value:

- press the button or tap Touchscreen on instruments
- tap to actual value area on MDS App
- save values by Timer on App or instrument
- receive values from internal memory of instruments

In **Energy saving mode** for saving values:

- Press Wireless button on instrument



Pietrikia:

MEASURING PROCESS (SICE)

ÉiOS \

GRAPH AND DATA MODE

Tap Graph button to activate the Graphical mode.

- view graph
- export graph
- view and export actual data



HISTORY

You can save current SESSION to HISTORY. All saved sessions and values in HISTORY can be viewed and exported.

MICROTECH \



SETTINGS:

Use SETTINGS menu to select Language, Units (Metric or inch system), TTS settings (Voice mode), Display rotation, Backlight, etc.



ACCOUNTS:

You can create users account by account menu. Info about Users displaying in measuring History. Measuring history can be associate with Users.





Actual display the

current values

Basic statics

Platform Max. instruments Energy saving mode

Max Distance, m

mm/inch conversion

Go/NoGo functions

Graphical mode

Reading on Timer Measuring history Save data to xls Save data to csv Save graph User manager

Device battery status indication

Quality control mode

Import & processing details draws, photos

Voice mode

Multilanguage

MDS for Android

299100050 Android 6,0 +

up to 50m

English, Spanish, French. Italian, Ukrainian, Russian,

Chinese, Korean, Turkish, Czech, Poland, Hungarian, etc.

MDS ANDROID FUNCTIONS











MDS ANDROID INSTALLATION



APP INSTALLATION

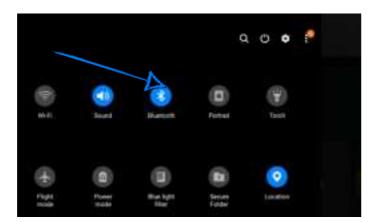
Install the latest MDS App from GooglePlay. Standard version (2 connections) for FREE. PRO version of MDS_app for iOS can be order throw GooglePlay.





APP ACCESS

Confirm application access to Bluetooth module of Smartphone. Make sure that Bluetooth and Location are turned on (App request it to receiving data from Wireless and Computerized MICROTECH instruments)



INSTRUMENTS CONNECTION () assets



MICROTECH \

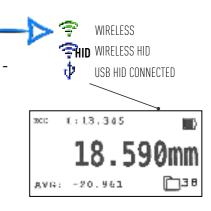
COMPUTERIZED INSTRUMENTS TABLET INSTRUMENTS

- Before starting connection or searching on MDS app Select WIRELESS ON mode on Computerized or Tablet instrument in connection menu
- Select optional Connection Power for better stability and connection distance



E-INK INSTRUMENTS

- Before starting connection and searching on MDS app Select WIRELESS mode on E-ink instrument in connection menu
- MENU+DATA button 2sec Data transfer setting Wireless, Wireless ON -WIRELESS data transfer to MDS App



11

DIGITAL WIRELESS INSTRUMENTS

• Before starting the connection, you should start the search in the MDS app and select the WIRELESS mode in the MDS app using the DATA button according to the device manual.

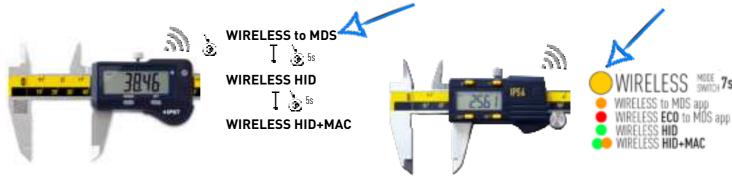
STANDARD MODE

- non stop data transfer 4 times/sec
- CR2032 battery works in non stop data transfer up to 100h

ECONOMY MODE

- data transfer only by Wireless button press
- CR2032 battery works in this mode up to 6 months

We recommend to use ECONOMY MODE for WIRELESS INSTRUMENTS



CONTACT US FOR DEVELOP CUSTOM SOLUTIONS WWW.MICROTECH.UA

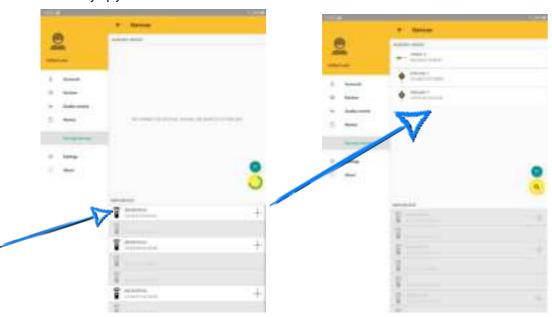


DEVICE CONNECTION (1993-1993)



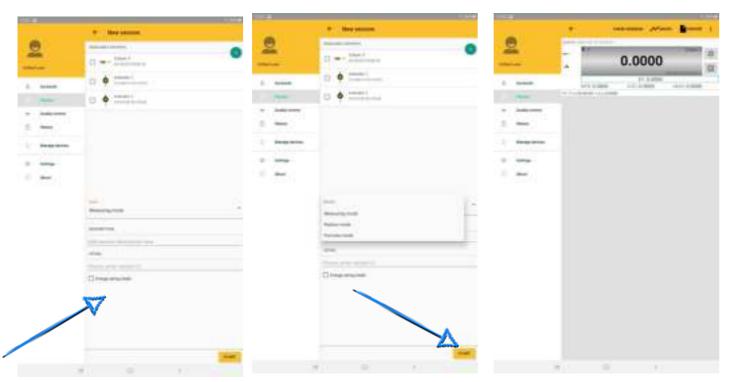
Add MICROTECH instruments to DEVICES list:

- Switch on the MICROTECH instrument. Activate Wireless mode on instrument.
- Open MANAGE DEVICES menu in MDS App and Press SEARCH button
- Wireless devices around the Tablet or Smartphone will be displayed. If you can't find any Wireless device around - check App setting (Bluetooth and Location must be switch on)
- Find desired device with MICROTECH name and MAC adress and touch + button in app to add it.
- You can add any gty of instruments to Device list.



Start SESSION:

- Select one of available devices (added to devices list before, if necessery press + to add more)
- For using Wireless instruments (non Computerized electronics) recommended to select «Energy saving mode».
- Don't use «Energy saving mode» with Computerized instruments
- Radius and Formula mode can be used for special measurings
- In FREE version you can use up to 2 instruments in a session at the same time.
- In PRO version you can use up to 8 instruments in a session at the same time.



MEASURING PROCESS •



MICROTECH \

MEASURING PROCESS AND DATA SAVING

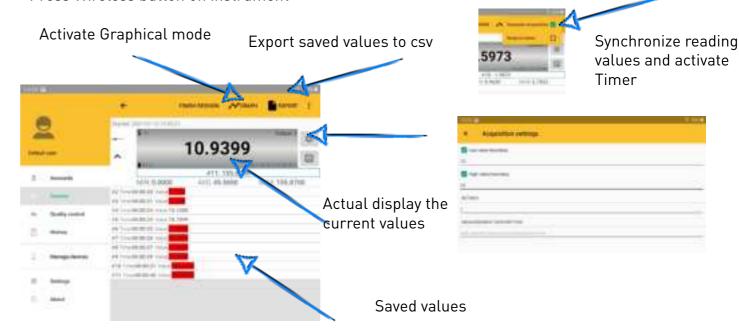
When SESSION started you can receive data from connected instruments.

In WIRELESS Standard mode (data transferring non-stop 4 times/sec) for saving value:

- press the button or tap Touchscreen on instruments
- tap to actual value area on MDS App
- save values by Timer on App or instrument
- receive values from internal memory of instruments

In **Energy saving mode** for saving values:

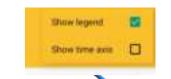
- Press Wireless button on instrument



GRAPH MODE

Tap Graph button to activate Graphical mode.

- possbile to view online values updates on Graph or view the saved values from SESSION window
- graph settings gives possibility to view legend and time axis on graph.
- export graphic in png format

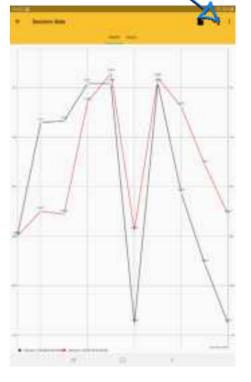


HISTORY

You can save current SESSION to HISTORY.

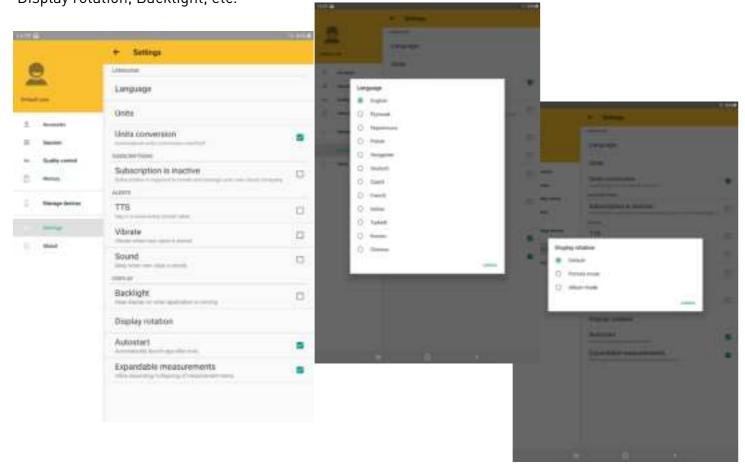
All saved sessions and values in HISTORY can be viewed and exported.





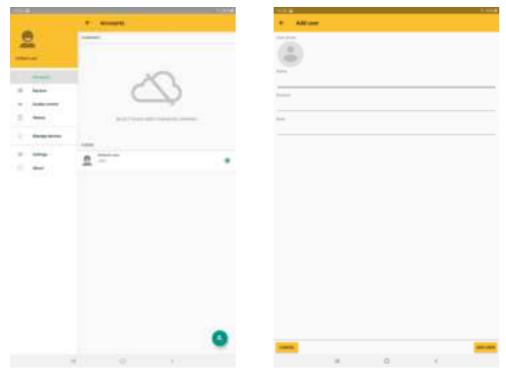
SETTINGS:

Use SETTINGS menu to select Language, Units (Metric/inch system), TTS settings (Voice mode), Display rotation, Backlight, etc.



ACCOUNTS:

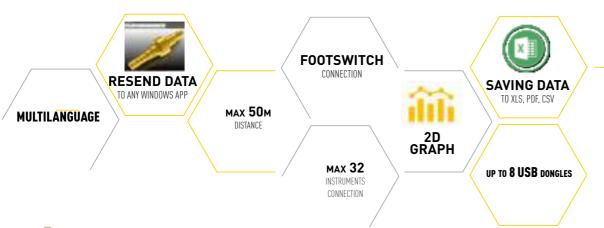
You can create users account by account menu. Info about Users displaying in measuring History. Measuring history can be associate with Users.



WWW.MICROTECH.UA



MDS INSTALLATION Windows





FUNCTIONS

techData for v	Vindows	
FREE	STANDARD	PR0
299100530	299100550	299100570
	Windows 7, 8, 10	
1	4	32
1	1	8
+	+	+
	up to 50m	
+	+	+
+	+	+
-	+	+
+	+	+
+	+	+
+	+	+
+	+	+
-	+	+
-	+	+
+	+	+
+	+	+
+	+	+
+	+	+
+	+	+
+	+	+
-	+	+
microtech.ua	USB-drive	USB-drive
	FREE 299100530 1 1 1 + + + + + + + + + + + +	299100530







APP INSTALLATION

Download & Install the latest MDS App for Windows from www.microtech.ua or order PRO and STANDARD version from nearest MICROTECH distributor





ACCESORIES FOR MDS APPLICATION

Item NoType299100550MDS 5.0 STANDARD app for Windows299100570MDS 5.0 PRO app for Windows299190001USB-Dongle for Windows
299100570 MDS 5.0 PRO app for Windows 299190001 USB-Dongle for Windows
299190001 USB-Dongle for Windows
3
299190004
299190000 USB-Footswitch for Windows
299190009 Wireless / USB-Footswitch for Windows



CONNECTION SET



			Accesories in SET		Recommended
Item No	Туре	Application	USB-dongles	Cable-Extentions	(max) connected devices
299110504	STANDARD MDS data set	MDS 5.0 STANDARD app for Windows	1	1	4
299110810	PRO MDS data set	MDS 5.0 PRO app for	2	2	10 (16)
299110840	PRO+ MDS data set	Windows	4	4	16 (32)

Connect USB -dongle to PC

-Check driver status on device manager

-In MDS software you can check how many USB-Dongle is active.

USB DONGLE CONNECTION Windows

Audio inputs and outputs

- SysAdmin-PC

Batteries

() Elizatooth

Carmeras.

Computer

- Disk drives

Display adapters

imaging devices

Network adapters Forts (COM & UPT)

Keyboards

Monitors

R Print queues

Human Interface Devices

TO IDE ATA/ATAPI controllers

Mice and other pointing devices.

Bluegiga Bluetooth Low Energy (COM3)





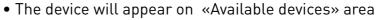
• Before starting connection or searching on MDS app Select WIRELESS ON mode on Computerized or Tablet instrument in connection menu

• Select optional Connection Power for better stability and connection distance

In WIRELESS ON mode data transfer can be executed via pressing the button or use touchscreen on Computerized device, by Timer on Computerized device, by clicking on actual value in Windows app, by Timer in Windows App, by Footswitch in Windows app.

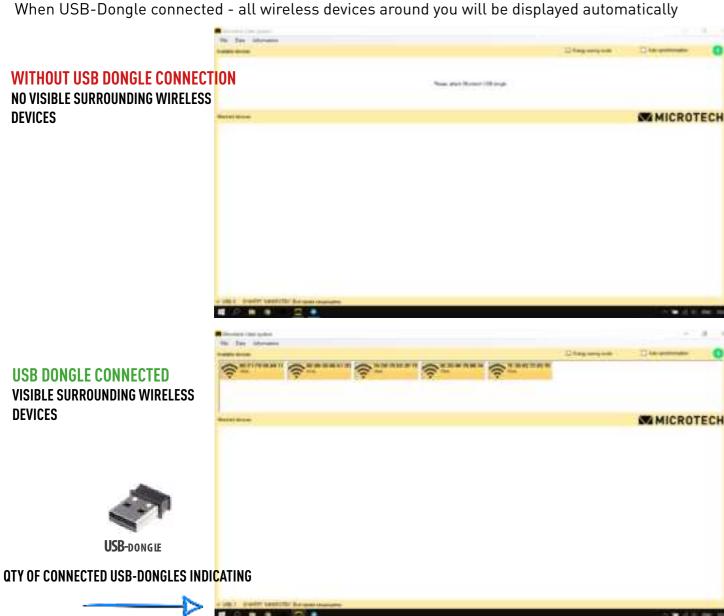


MICROTECH \



- Move selected instrument from «Available devices» area to «Activated devices» area.
- Activate Auto Synchronization to automatic activating switched on MICROTECH devices
- Select Filtering device mode in Connection menu to view only MICROTECH instruments.

area



Compider Managemen

File Action View Help

System Tools

To connect instruments to PC, it is necessary to use USB-dongle on PC (Item 299190001)

▲ Computer Management (Local)

Task Scheduler

Shared Folders

Local Users and Groups

Edi Event Viewer

No Performance

. Device Manager

TOok Management

Services and Applications



CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

Cerusi

INSTRUMENT CONNECTION Windows



DIGITAL WIRELESS INSTRUMENTS

Before starting connection or searching on MDS app press and hold the data transmission button for 5 Seconds. By default, digital wireless devices start in WIRELESS mode, which is indicated by a constantly blinking wireless icon on the display. When you hold the button for 5 Seconds for the first time, WIRELESS mode is activated.



- The device will appear on «Available devices» area
- Move selected instrument from «Available devices» area to «Activated devices» area.
- Activate Auto Synchronization to automatic activating switched on MICROTECH devices
- Select Filtering device mode in Connection menu to view only MICROTECH instruments.



INSTRUMENT CONNECTION

E-INK INSTRUMENTS

Before starting connection or searching on MDS app hold MENU+DATA button for 2sec and sellect WIRELESS ON mode. Wireless mode indicating by ricon on a top right coner.







- The device will appear on «Available devices» area
- Move selected instrument from «Available devices» area to «Activated devices» area.
- Activate Auto Synchronization to automatic activating switched on MICROTECH devices
- Select Filtering device mode in Connection menu to view only MICROTECH instruments.



MEASURING PROCESS



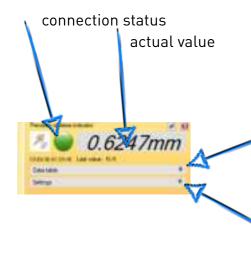
Connect USB dongle and power on Wireless or Computerized devices.

Wireless and Computerized devices will be appeared in Available devices area

To start data transfer move them to Attached devices area. If Auto synchronization is switched on, devices will be moved to Attached devices area automatically.









Data table area with saved data from instrument



Values settings:

- Limit's indication in table
- Timer function
- Resend data to other Windows app activation
- Device extended info (Device name, serial No, Operator info)

RESOLUTION & UNIT SELECTION







Resolution (Number of digit after decimal point) mm/inch selection selection in Setting menu

SAVE & RESEND VALUES Windows





How to save values to table in STANDARD mode:

by pressing the button or tapping touch screen on your device

by timer activating inside instrument

by pushing actual value on MDS Windows app

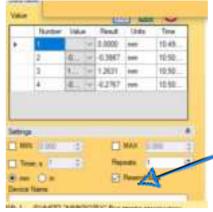
by timer activating on MDS Windows app

by footswitching on MDS Windows app





RESEND VALUES

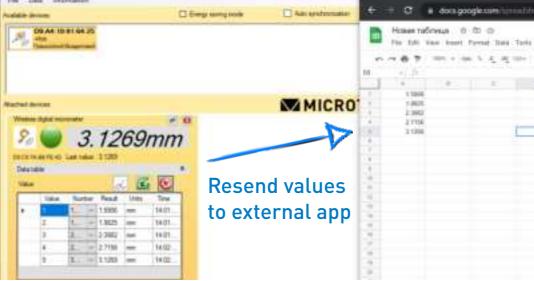


Actual values (receiving from instrument) can be

Activate Resend data



If necessary select value options (Dot/Comma) and Control symbol in Setting menu



CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

EXPORT DATA & GRAPH

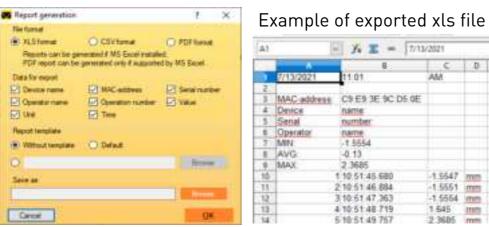


SETTINGS & REGISTRATION









12 1211	LX
nat PDF format soci retailed.	Al
# massorted by MS Excel	0-
ALC: THE RESIDENCE	
tres Serainarioe	2.
nneer Divar	3
Control of the Control	4.1
	5.
	2.3
The second second	8.7
The same of the sa	0.3
	10
	11
	12
THE PARTY NAMED IN	13
NAME OF TAXABLE PARTY.	54

A3		Y ₄ I = 7/11	/2021	
Ξ		6	1.6	D
•	7/13/2021	11:01	AM:	
2		E:		
3	MAC-address	C9 E9 3E 9C D5 0E		
4	Device	name		
5.	Senal	number		
	Operator	name		
2	MIN:	-1.5554		
8.	AVG	-0.13		
φ.:	MAX.	2.3685		
10		1 10 51 45 680	-1.5547	me
11	- 2	210.51.46.884	-1.5551	me
12.	1 3	3 10:51.47,363	-1.5554	me
13	2	4 10 51 48 719	1.545	mm
14		5 10 51 49 757	2.3685	mm

Export saved data table values for external files Select necessary to save columns on Data for export subsection csv report can be generated in any Windows PC xls report can be generated if MS Excel installed on your PC pdf report can be generated only if supported by MS Excel (the latest versions)



Export saved values to Graph mode Graph can be saved to png format

ACTIVATE PRO version

Language selection

in Setting menu



CROTECH

MDS app versions info

WWW.MICROTECH.UA

To activate PRO version (must be pre-paid with your local distributor)

- 1) Open Register product sub-menu
- 2) Copy and send activation UID code from appllication and Serial No from USB-drive to tool@microtech.ua
- 3) After checking we will send to your e-mail activation license key. Add activation key to activation area and press OK.

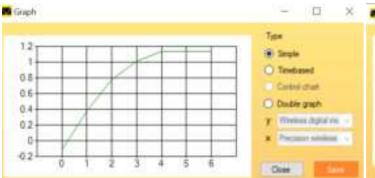


Microtech Data System

Short guide in Information menu

UID code

Simple Graph

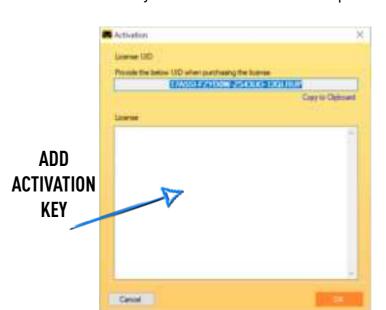




Simple Graph with Timebased

2D Doublegraph for special measuring solutions







CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

WIRELESS HID DATA TRANSFER

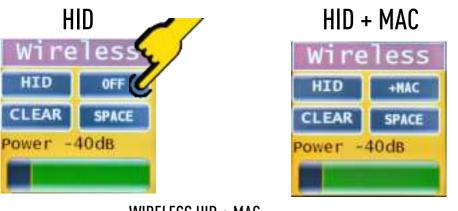
WIRELESS HID DATA TRANSFER

MICROTECH COMPUTERIZED AND DIGITAL WIRELESS INSTRUMENTS have **WIRELESS HID and HID + MAC** data outputs to transfer Data direct to any compatible operation systems and applications in keyboard mode.

NO DONGLE



WIRELESS HID data transfer (like keyboard) direct to any customers app and system



WIRELESS HID + MAC
Activating by press on OFF section

TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS





TRANSFER DATA TO CAD, SPC OR OTHER

NOTICE:

Always remember to disconnect and remove the device from your Bluetooth settings before changing modes to avoid conflicts and ensure a smooth transition.

Arr down

CONNECTION

- 1) Switch on HID mode in WIRELESS menu
- 2) Connect MICROTECH device to you PC or Tablet
- 3) Select settings of Data transfer (Dot/Coma, Trail symbol -Tab, Arr Down, CL-LF) It gives possibility operate in different localizations, table editors
- 4) You can direct transfer data to any Windows or other OS application.

OPERATION

For transfer DATA throw WIRELESS HID you can use some variants:

- Button Push
- Touchscreen Push
- Timer function activation
- Send data from internal memory
- Data tansfer in auto-Force mode (Computerized eForce calipers only)



DIGITAL WIRELESS INSTRUMENTS

To switch between wireless modes (WIRELESS, HID, and HID + MAC), press and hold the data transmission button for 5 Seconds.

By default, digital wireless devices start in WIRELESS mode, which is indicated by a constantly blinking wireless icon on the display. When you hold the button for 5 Seconds for the first time, WIRELESS mode is activated. Press and hold the button again for 5 Seconds to switch to HID mode. After a third press and hold for 5 Seconds, the device will enter HID + MAC mode.

You can easily identify the current mode by searching for Bluetooth devices, where the device name will indicate the mode, either MICROTECH HID or MICROTECH HID + MAC.

NOTICE:

Always remember to disconnect and remove the device from your Bluetooth settings before changing modes to avoid conflicts and ensure a smooth transition.





CONTACT US FOR DEVELOP CUSTOM SOLUTIONS WWW.MICROTECH.UA

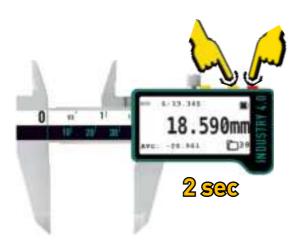
WIRELESS HID DATA TRANSFER

USB HID DATA TRANSFER

E-INK INSTRUMENTS

Before starting connection or searching on MDS app hold MENU+DATA button for 2sec and sellect **HID** mode. HID mode indicating by icon on a top right corner.

You can easily identify the current mode by searching for Bluetooth devices, where the device name will indicate the mode, either MICROTECH HID or MICROTECH HID + MAC.



NOTICE:

Always remember to disconnect and remove the device from your Bluetooth settings before changing modes to avoid conflicts and ensure a smooth transition.

WIRELESS HID data transfer (like keyboard) direct to any customers app and system



CONNECTION STATUS INDICATION



MICROTECH COMPUTERIZED INSTRUMENTS have **USB HID** data output to transfer Data direct to any compatible operation systems and applications in keyboard mode.



CONNECTION

- 1) Connect micro USB cable from instrument to computer/tablet USB Cable must be with data transfer wires
- 2) Activate USB connection mode on COMPUTERIZED instrument **DON't activate USB connection without cable connection**
- 3) Select settings of Data transfer (Dot/Coma, Trail symbol -Tab, Arr Down, CL-LF) It gives possibility operate in different localizations, table editors
- 4) You can direct transfer data to any Windows or other OS application.

OPERATION

For transfer DATA throw USB cable you can use some variants:

- Button Push
- Touchscreen Push
- Timer function activation
- Send data from internal memory
- Data transfer in auto-Force mode (Computerized eForce calipers only)





CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

www.microtech.ua

MEASURING HUB

MEASURING **HUB**

- 2 **DEVICE** indication on main screen
- FORMULA
- SYNCRONIZATION
- 2D and ON-LINE SYNC GRAPTH
- QUICK autoconnection
- 2 axis MEMORY MANAGER

PROBE MODE

- PROBE MODE-saving data by Probe Touch
- AUTO-PROBE MODE Touch volue compensation
- quick **WIRELESS** Probe connection



2D MODE

- 2 AXIS measuring
- SYNC reading
- 2D GRAPH
- 2D DATA transfer
- WIDE CONFIGURABLE





HUB connection

- 1) MASTER device: select in WIRELESS menu 2D-M Master device on WIRELESS connection on HUB mode
- 2) SLAVE device: select in WIRELESS menu 2D-S Slave device on WIRELESS connection on HUB mode
- 3) HUB mode on MASTER device select requested mode (PROBE, 2D) and Connect SLAVE device

PROBE MODE

A.C.on - Auto Connection active A.C.off - Auto Connection no active

PROBE -Saving data when Probe will reach value PROBE Auto - Saving data when Probe will reach value with this value compensation

2D - 2 axis data reading

2D Sync- Synchronized 2 axis data reading **Disable -** switch off modes

HUB MODE Connect Axis X 0.500

External Wireless device conneciton

Axis priority selecting

Setting PROBE limit value

HUB MODE

A.C,on

2D Sync

Connect

TAB

Gr. X,Y

A.C.on - Auto Connection active A.C.off - Auto Connection no active

PROBE -Saving data when Probe will reach value

PROBE Auto - Saving data when Probe will reach value with this value compensation

2D - 2 axis data reading

2D Sync- Synchronized 2 axis data reading

Disable - switch off modes

2D MODE

External Wireless device conneciton

Symbol between Axis

Graphic mode indication setting

FIRMWARE UPDATE

- 1) Connect USB cable to Windows PC (with data transfer possibilities)
- 2) Push 10 times FIRMWARE UPDATE BUTTON to activate process



Push 10 times to FIRMWARE UPDATE

- 3) You will enter to BOOTLOADER secsion on device
- 4) Run NordBootloader.exe for WINDOWS file (request from MICROTECH)
- 5) Click Scan port -> Connect -> 2times Ping (on your device should display some numbers) -> Cheking -> Update and select *.bin file with lasted firmware that you have been downloaded.



6) After successful flashing will display "Loading finished" on device screen.

Now you can plug off Micro USB



7) After that, you need to reset the device to factory settings.

Tap «RESET TO FACTORY» 10 times. The firmware update is complete

Password RESET TO FACTORY firmware update 10

Push 10 times to RESET device to factory settings

WWW.MICROTECH.UA

HOW TO SOLVE BLINKING SCREEN



Following these steps should resolve any blinking screen issues and ensure that your MICROTECH device works properly. Always remember to disconnect and remove the device from your Bluetooth settings before changing modes to avoid conflicts and ensure a smooth transition.

Following these steps should resolve any blinking screen issues and ensure that your MICROTECH device works properly. Always remember to disconnect and remove the device from your Bluetooth settings before changing modes to avoid conflicts and ensure a smooth transition.

If your MICROTECH measuring device's screen starts blinking, it's likely

because the Wireless modes were not switched correctly. This problem usually happens when the device is still remembered in an old mode by your computer or mobile device. To fix this, you need to remove the device from the Bluetooth settings before changing the mode.

Step-by-Step Solution

Make sure to disconnect and remove the MICROTECH device from your computer or mobile device's Bluetooth settings. Here's how to do it: On a PC: Go to your Bluetooth settings, find the MICROTECH device, and select «Remove» or «Forget».

On an Android Phone: Open Settings, go to Bluetooth, find the MICROTECH device, and tap «Forget» or «Remove».

On an iPhone: Open Settings, go to Bluetooth, find the MICROTECH device, tap the info icon (i), and select «Forget This Device».

MICROTECH MICROTECH

innovative measuring instruments

61001, Kharkiv, Ukraine, str. Rustaveli, 39

tel.: +38 (050) 323-65-30 www.microtech.ua tool@microtech.ua

FIND YOUR DISTRIBUTOR

WWW.MICROTECH.UA

