



MULTI-SPORTS TIMING DEVICE

TIME MASTER 550 • USER MANUAL

REF. ITSTM550

The **Time Master 550** is the chronometer that offers the best accuracy and stability in the world and yet remains easy to use. The data saved is accessible on your smartphone, tablet or computer thanks to the GSM server **www.tagheuertiming.online**.

We will first see what the operating principles of the Time Master 550 are.

Then, in a second step, how to optimize the use of Time Master 550 with the **TAG Heuer GSM server** and **any timing software integrating the TAG Heuer Timing protocol and compatible with the TAG Heuer Timing Online server**.





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EASY TO USE

The **Time Master 550** has the following timing modes :

BASIC

Manage timing from the application or a PC

TIMING

Manage 4 different time recordings configured on the 4 inputs

SPEED

Calculate 4 different speeds configured on the 4 inputs

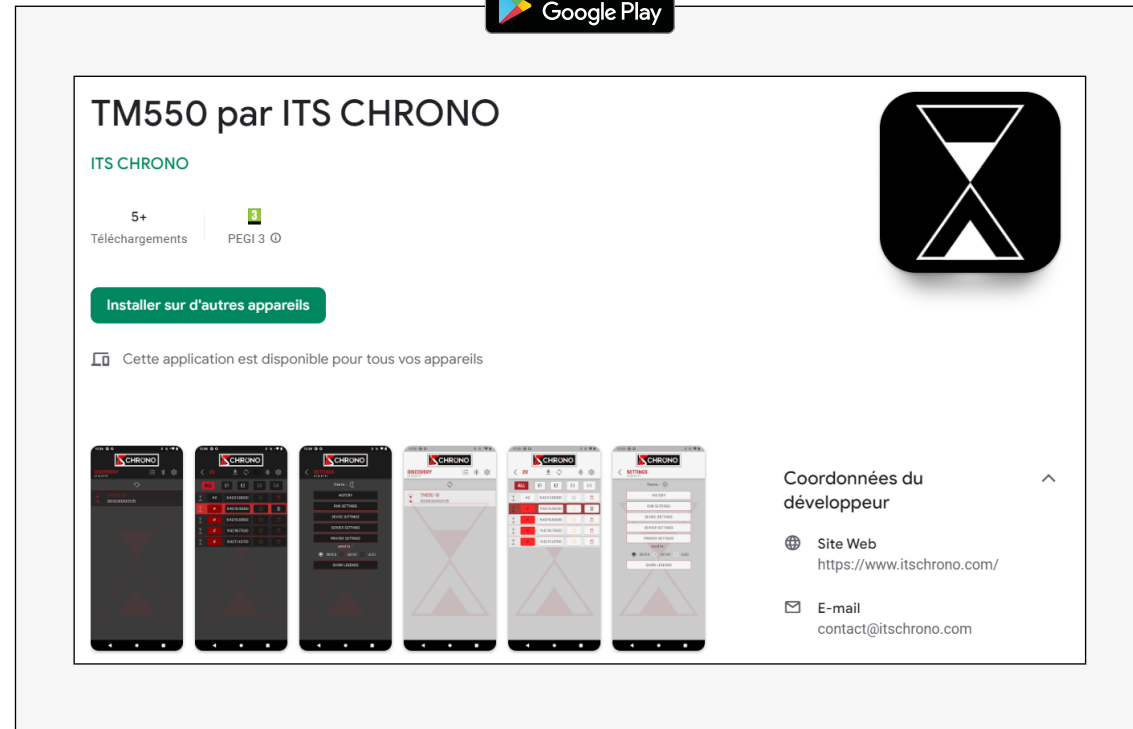
Regarding the handling of the TM550, **please refer to the quick user's guide** available on our website :

QUICK USER'S GUIDE

BLUETOOTH FUNCTION

The Bluetooth function of the TM550 allows access to data on your smartphone, tablet or computer.

For that, it's easy to download **the TM550 app** available on Google Play.



AVAILABLE SOON ON





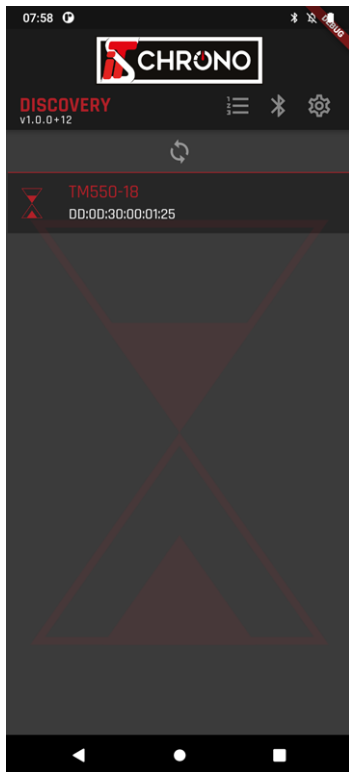
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APPLICATION

Once the application is downloaded and the Bluetooth of your phone is activated, you just have to go to the **COMMUNICATION** menu and activate the Bluetooth of your TM550 : **ON** to pair the 2 devices.

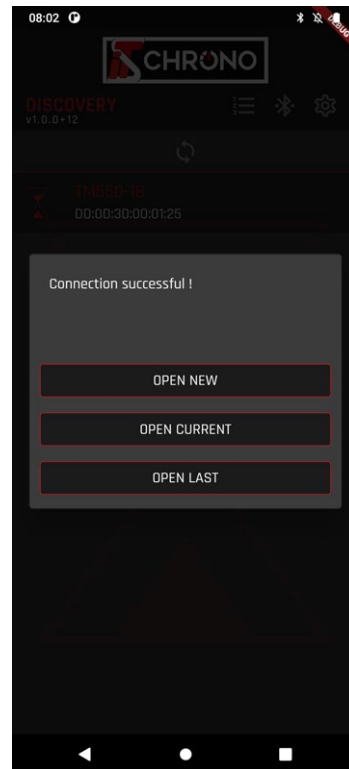


NEW RACE

After selecting the device you are using, a **CONNECTION SUCCESSFUL!** message will appear and offer you to :

- start a new race : **OPEN NEW**
- resume the current race : **OPEN CURRENT**
- open a past race : **OPEN LAST**

In our example, click on **OPEN NEW** to start a new race. Your TM550 will automatically reset and you can now start a new timing session.



AUTOMATIC OR MANUAL IDENTIFICATION

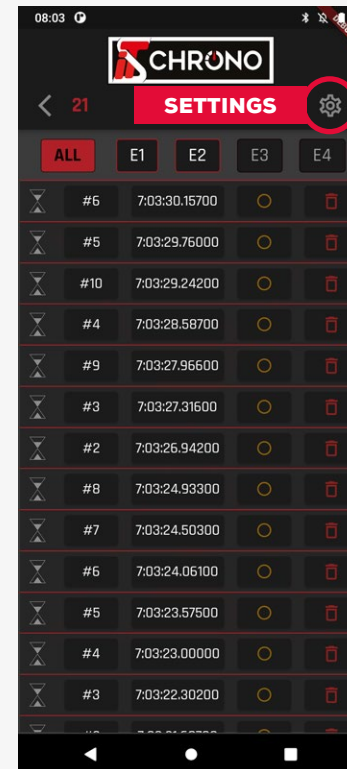
From now on, each pulse emitted by the TM550 will be transferred into the application. You will be able to **see each passage on your smartphone** and even **enter a competitor number** on the passages automatically or manually.

The selection of **automatic** or **manual** identification is done via the application settings.

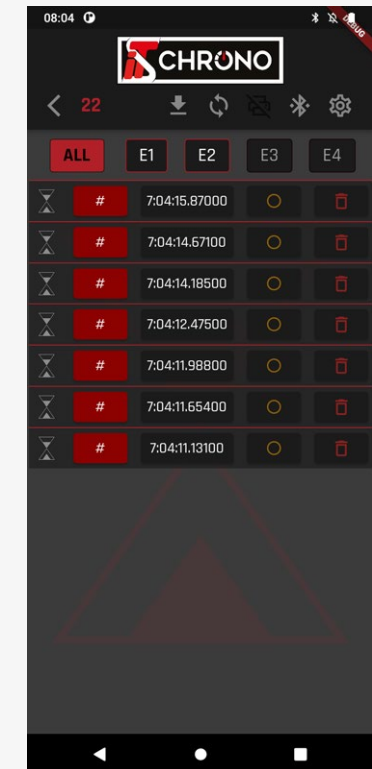
You can also **synchronize the time** of your TM550 to that of your smartphone via the settings of the application - **SYNCHRONIZE TIME** button.

You are ready to use your TM550 with your smartphone. But the advantages of this device do not stop there, we will now see how to **optimize its use** and even **how to do a timing** entirely with this device.

AUTOMATIC



MANUAL





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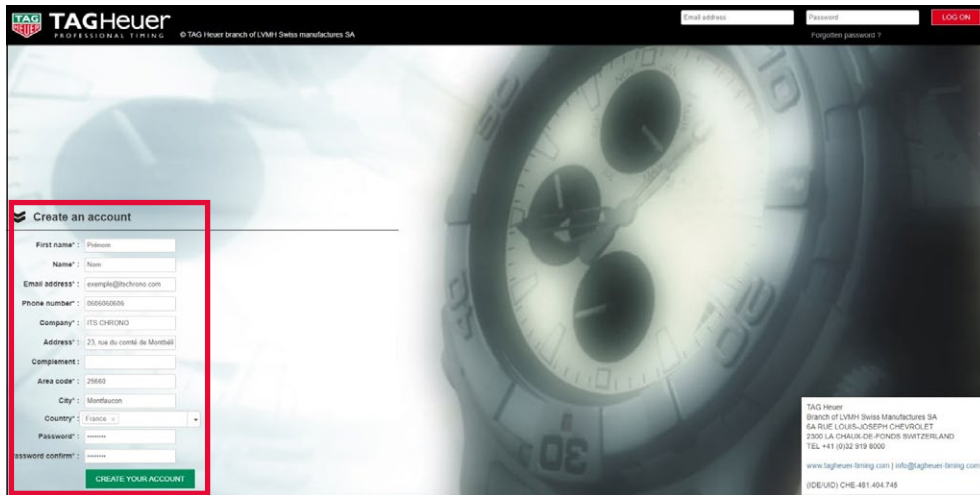
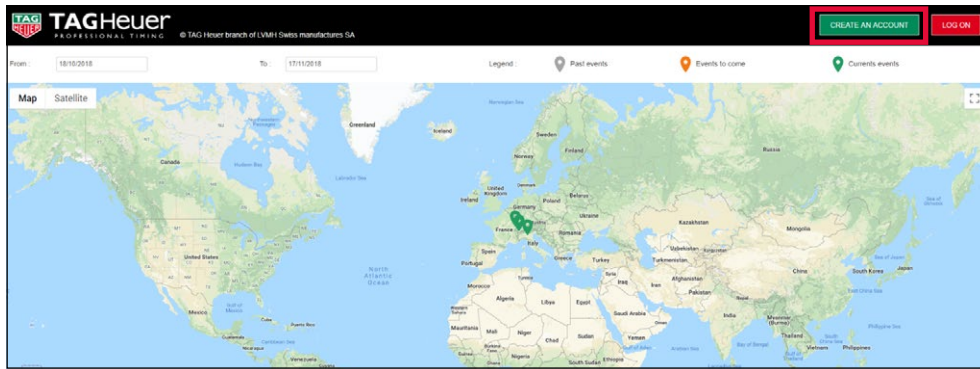
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CONNECTION TO THE SERVER

The dialog between your TM550 and your smartphone is now operational, but you still have to make your smartphone dialog with the **TAG Heuer GSM server**. As a first step, you have to go to the **TAG Heuer Timing** website to create your personal account.

<https://tagheuertiming.online/>



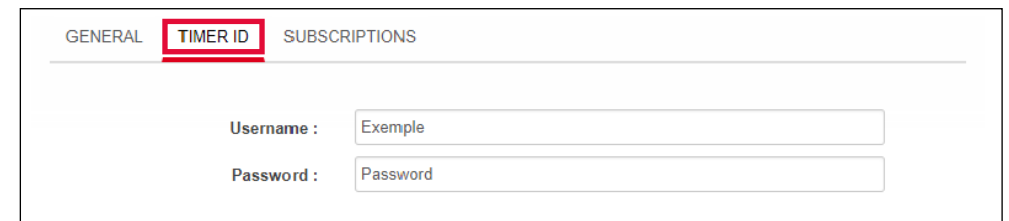
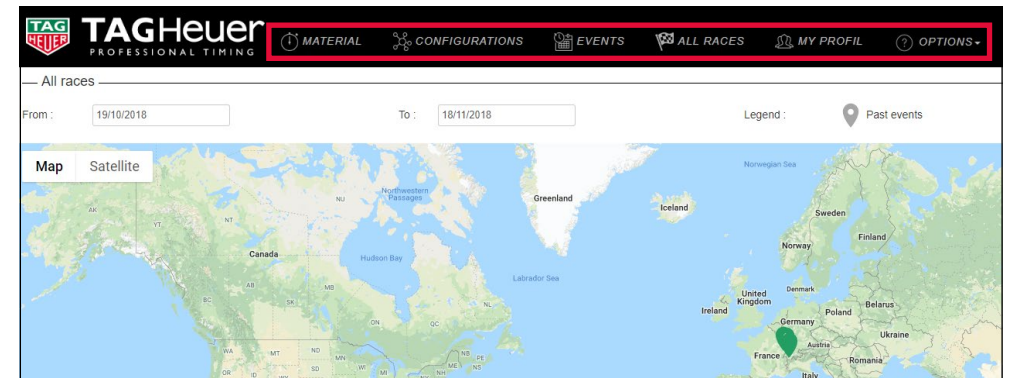
INFORMATION OF PERSONAL DATA

Once your account is created, you will have access to the following topics :

MATERIAL • CONFIGURATIONS • EVENTS • ALL RACES • MY PROFIL • OPTIONS

Go to the section **MY PROFIL** then **TIMER ID** to finish the information of personal data. Indeed the information that you will provide in this section are very important because **they will be requested on your smartphone (on the TM550 application) and on your computer (on GSM Interface)** to log in to your account and activate the transfer data to the GSM server.

REMEMBER TO SAVE AND VALIDATE BEFORE LEAVING THIS PAGE



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CONNECTED DEVICES

This step consists of the information of the various devices that will be linked to the GSM server.

To do this, go to the **MATERIAL** section and add your TM550 and your **computer**.

INFORMATION OF THE TM550

Material type :*

Model :*

Color :

Serial number :*

INFORMATION OF THE COMPUTER

Material type :*

Model :*

Color :

Serial number :*

IMPORTANT

THE TM550 SERIAL NUMBER MUST BE FILLED WITH ONLY

4 DIGITS

IN THE EXAMPLE ABOVE, THE SERIAL NUMBER ON THE BACK OF THE TM550 USED IS 15'054, AND THE ONE ENTERED WHEN ADDING THE DEVICE IS 0008.

FOR THE SERIAL NUMBER OF THE PC YOU CAN PUT A 4-DIGIT NUMBER OF YOUR CHOICE AS LONG AS IT IS NOT ALREADY USED BY ANOTHER DEVICE.

CONFIGURATION

With devices added, you can go to **CONFIGURATIONS**.

This topic consists of creating a configuration to tell which device sends information via the GSM server to which device.

For the configuration below, there are only one TM550 and one computer of selected. This is the TM550 that sends its information to the computer.

Name* :*

Filtered

Color :

MATERIAL LIST				
Material type	Model	Serial number	Color	
<input checked="" type="checkbox"/>	Windows PC	PC Interface	1007	●
<input checked="" type="checkbox"/>	Time Master	TM550	0008	●

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CONFIGURATION

RECEPT	PC Interface 1007	TM550 0008
--------	-------------------	------------

SEND

PC Interface 1007	TM550 0008
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Legend : The material at the top of the table sends its data to the left material.





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CREATION OF AN EVENT

The last step on the **TAG Heuer Timing Online** website is the creation of the event, which is done via the **EVENTS** section. To do this, simply fill in the requested information.

For the **ACTIVATE CONFIGURATION** field you must select the configuration created previously. At the bottom of the page you will have a reminder of the selected configuration.

Whether to activate the **TEST** field affects only the visibility of your event on the TAG Heuer Timing Online site map.

Event : RACE TM550

GENERAL DATA

Test : Non

Name : RACE TM550

Start date : 12/12/2022

End date : 16/12/2022

Start country : FR - France

Start city : Montfaucon, France

Time zone : Europe/Paris

Activate configuration* : TM550

Event URL :

Live timing URL :

Label	Model	Serial number	Color	Timekeeping	Phone number	Software port
<input type="checkbox"/>	Time Master	TM550	0008	●		7000
<input type="checkbox"/>	Windows PC	PC Interface	1007	●		

Enregistrements 1 - 2 sur 2

Legend : The material at the top of the table sends its data to the left material

FINALIZATION OF THE CONFIGURATION

All the configurations of the website being made, you can return to your smartphone to **finalize the configuration** and make **sending information to the server** possible.

SETTINGS OF THE APP

Indicate the **USERNAME** and Password fields that correspond to the fields previously entered in the **TIMER ID** section on the **TAG Heuer Timing Online** website.

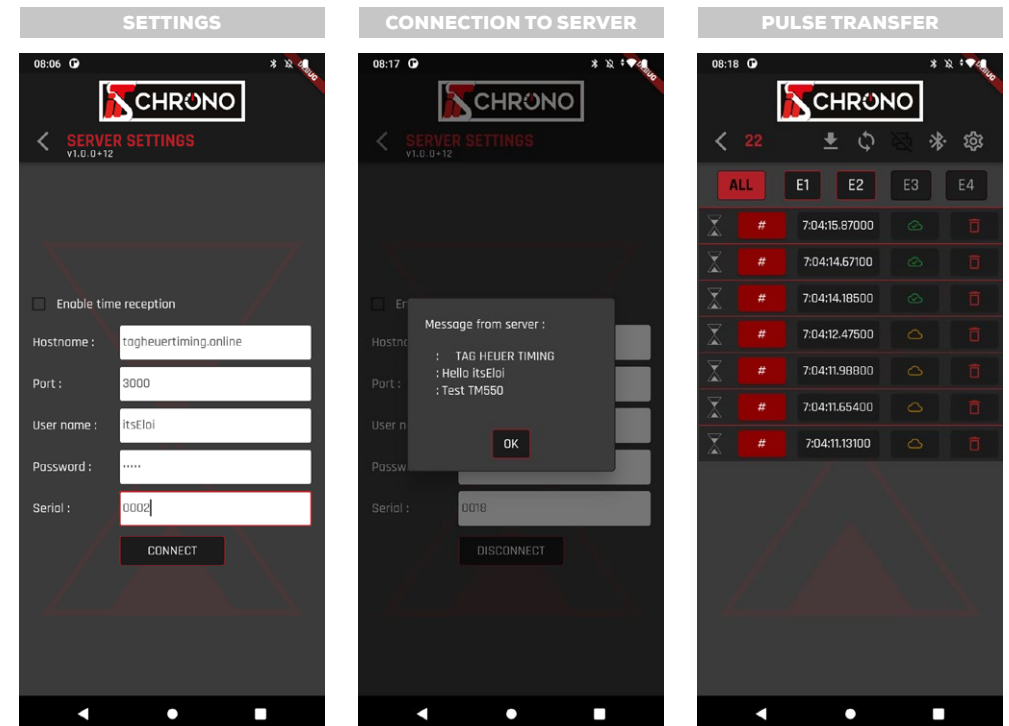
You also need to enter the **serial number** of your TM550 (*always in 4-digit format*) and tell which timing channel you want it to match.

CONNECTION TO THE SERVER

Once the finalization of the configuration is done and validated, a message telling you that the connection with the server is operational will appear at the top of your screen.

PULSE TRANSFER

From now on, every pulse sent by the TM550 and received on your smartphone is transferred to the server. You can see this validation with **the cloud on the right that becomes green**.





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LINK BETWEEN THE TIMING SOFTWARE AND TAG HEUER SERVER

Your computer must be able to access server information.

To do this, you must download the **GSM Interface** software available in the **OPTIONS** section of your TAG Heuer Timing Online account.

Once downloaded, you must fill in the required fields. The **Software ID Number** corresponds to the serial number previously entered for your computer.

And, as on the smartphone application, the **User Name** and **Password** correspond to the fields previously entered in the **TIMER ID** section on the TAG Heuer Timing Online website.

Configuration

TAG Heuer
SWISS AVANT-GARDE SINCE 1860

Configuration

Software ID Number : 1007

Server Addr : tagheuertiming.online

Server Port : 3000

User Name : itschrono

User Password : *****

Log File : GSM_Interface_Log.csv

RESET SAVE

CONNECTION

IN THE TIMING SOFTWARE

Unlike the smartphone application, nothing happens here once the information is filled in and validated. You just have to **start the timing software and declare the TM550** with the IP address 127.000.000.001 and the remote communication port 7000.

The TM550 using the same communication protocol.

It can be declared as CP545 or CP540 if your timing software does not offer the TM550.



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ACCESSIBLE PULSE

All the pulses emitted by the TM550 are now accessible on it, on your smartphone, on your TAG Heuer Timing Online account, on the GSM interface of your computer and especially on the timing software on your computer.

PROVIDED, OF COURSE, THAT THE TIMING SOFTWARE HAS A START TIMING SESSION.

GSM INTERFACE

By returning to GSM Interface you will see that on the right side of the screen, connection information will be displayed. And at the bottom left is also your list of devices used.

The screenshot shows the TAG Heuer Configuration software interface. On the left, there is a 'Configuration' section with fields for Software ID Number (1007), Server Addr (tagheuertiming.online), Server Port (3000), User Name (mathis25), and User Password (*****). Below these fields are 'RESET' and 'SAVE' buttons, and a 'CONNECTION' button. On the right, there is a 'FRAMES' table with columns: ID Frame, Date, Hour, Model, Serial number, Message, and Port. The table contains multiple rows of data, including connection status and timing messages. At the bottom left, there is a 'MATERIAL LIST' table with columns: Label, Model, Serial number, Color, Timekeeping, and Phone number. The table lists 'Time Master' (TM550, 0008) and 'Windows PC' (PC Interface, 1007).

ID Frame	Date	Hour	Model	Serial number	Message	Port
---	06/12/2022	08:58:30	---	---	Instance Connected.	7000
190	06/12/2022	08:58:38	PC	0000	#GC 1	
191	06/12/2022	08:58:39	PC	0000	#PL TAG HEUER TIMING	
192	06/12/2022	08:58:39	PC	0000	#PL Hello mathis25	
193	06/12/2022	08:58:39	PC	0000	#PL RACE TM550	
000	06/12/2022	08:58:39	CP545	0007	TN 8 M1 23:28:01.19600 836996DE	7000
000	06/12/2022	08:58:39	CP545	0007	TN 7 M1 23:26:16.65800 83699C0F	7000
000	06/12/2022	08:58:39	CP545	0007	TN 6 M1 23:25:10.67700 836995AA	7000
000	06/12/2022	08:58:40	CP545	0007	TN 5 M1 23:24:57.75900 83699F13	7000
000	06/12/2022	08:58:40	CP545	0007	TN 4 M2 23:24:39.64700 836998EB	7000
000	06/12/2022	08:58:40	CP545	0007	TN 4 M1 23:24:34.64400 83699282	7000
000	06/12/2022	08:58:40	CP545	0007	TN 3 M2 23:16:59.04800 836998C7	7000
000	06/12/2022	08:58:40	CP545	0007	TN 2 M2 23:16:58.16100 83699287	7000
000	06/12/2022	08:58:41	CP545	0007	TN 1 M2 23:16:57.22600 83699271	7000
000	06/12/2022	08:58:41	CP545	0007	TN 3 M1 23:16:55.45100 8369917B	7000
000	06/12/2022	08:58:41	CP545	0007	TN 2 M1 23:16:54.38100 83699168	7000
000	06/12/2022	08:58:41	CP545	0007	TN 1 M1 23:16:53.19600 83699361	7000
000	06/12/2022	08:58:41	CP545	0007	TN 9 M1 23:28:50.52600 83699814	7000
000	06/12/2022	08:58:41	CP545	0007	TN 10 M1 23:28:55.40200 836998D9	7000
000	06/12/2022	08:58:41	CP545	0007	TN 5 M2 23:29:35.26200 836996E0	7000
000	06/12/2022	08:58:42	CP545	0007	TN 6 M2 23:29:46.41600 83699A18	7000
000	06/12/2022	08:58:42	CP545	0007	TN 11 M1 23:31:24.58300 836998FB	7000
000	06/12/2022	08:58:42	CP545	0007	TN 7 M2 23:31:45.14100 83699E91	7000
000	06/12/2022	08:58:42	CP545	0007	TN 12 M1 19:37:23.74709 837401C1	7000
000	06/12/2022	08:58:43	CP545	0007	TN 11 M1 19:37:23.13420 83748F24	7000
000	06/12/2022	08:58:43	CP545	0007	TN 10 M1 19:37:22.69311 8374C75F	7000
000	06/12/2022	08:58:43	CP545	0007	TN 9 M1 19:37:22.33807 8374A08B	7000
000	06/12/2022	08:58:43	CP545	0007	TN 8 M1 19:37:21.92731 83749F83	7000
000	06/12/2022	08:58:43	CP545	0007	TN 7 M1 19:37:21.56707 8374A176	7000
000	06/12/2022	08:58:44	CP545	0007	TN 6 M1 19:37:21.18954 8374A269	7000
000	06/12/2022	08:58:44	CP545	0007	TN 5 M1 19:37:20.84840 83749D40	7000

Label	Model	Serial number	Color	Timekeeping	Phone number
Time Master	TM550	0008	●		
Windows PC	PC Interface	1007	●		

YOU'RE FINALLY READY TO PERFORM TIMING WITH A SIMPLE TM550 AND A TIMING SOFTWARE !





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