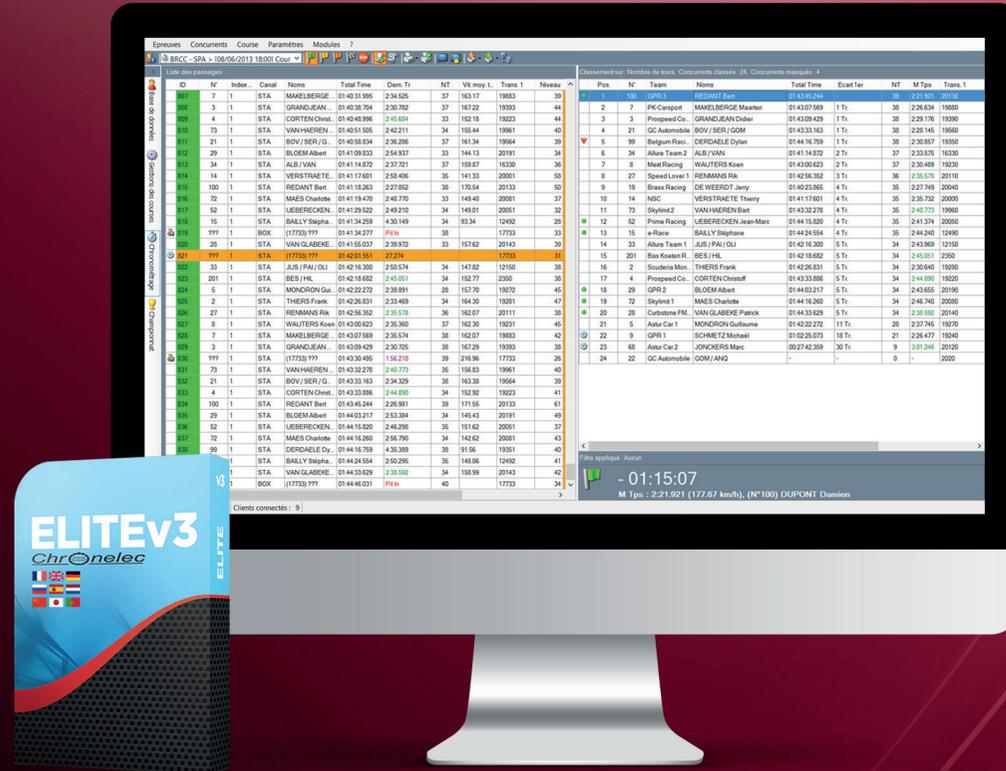# REMOTE DISPLAY

USER MANUAL

NETWORK SOFTWARE, REMOTE DISPLAY CAN GENERATE THE DISPLAY OF RANKINGS AND TRACKING ON TV OR PC SCREENS ON 10 DIFFERENT CHANNELS AND SIMULTANEOUSLY.

THIS SOFTWARE CAN WORK LOCALLY, THAT IS WITH ELITE V3 ON THE SAME COMPUTER, OR NETWORK (RJ45).

DISPLAY SETTINGS ARE SPECIFIC TO A FOLDER, AND SPECIFIC TO A TYPE OF RACE (BEST LAP RANKING, NUMBER OF LAPS, ETC.). SO, YOU NEED TO GO INTO THE FOLDER SETTINGS TO MANAGE THE DISPLAY.

REMOTE DISPLAY

HOW DOES THE SOFTWARE WORK WITH ELITE V3

STEP 1 : ENABLE CHANNELS

In **ELITE V3**, you must **ENABLE CHANNEL 1**. Here, we manage a single channel.

STEP 2 : CHANGE THE LOCAL PORT NETWORK

By default, the local port network used is **14000**. You can change it if the port was already being used by another application.
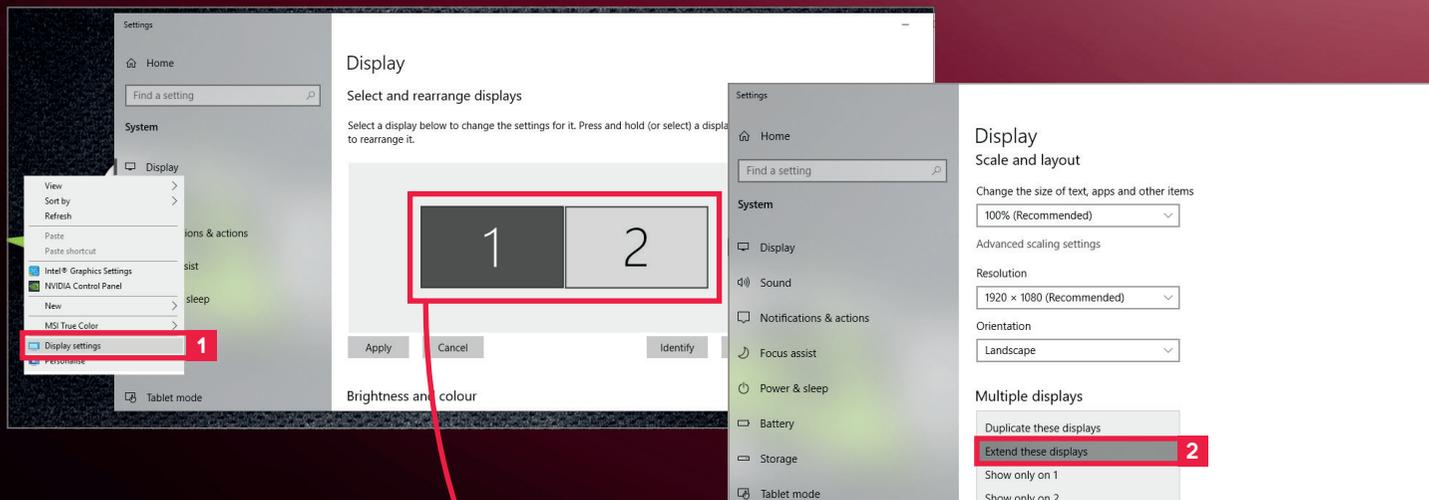
REMOTE DISPLAY

HOW DOES THE SOFTWARE WORK WITH ELITE V3

To have your display on a computer screen connected to the **VGA**, **DVI** or **HDMI** port from your computer, right-click on the desktop of your computer and choose **DISPLAY SETTINGS** and **EXTEND THESE DISPLAYS**.

Your computer screen with icons (screen 1)   *Your 2nd screen without icons*

REMOTE DISPLAY

IN THE REMOTE DISPLAY SOFTWARE

STEP 4 : IP ADDRESS AND REMOTE PORT

You must use the **IP address 127.000.000.1** and the **remote port 14000** *(the same is entered in the **ELITE V3** software)* and select **CHANNEL 1** which was validated in **ELITE V3**. **Fill the screen number** *(in Windows, see on previous page)* and in this example, **Screen 2**.

CHECK THAT THE 'ENABLE SCREEN' BOX IS STILL CHECKED.

Validate your settings by clicking on **APPLY.**
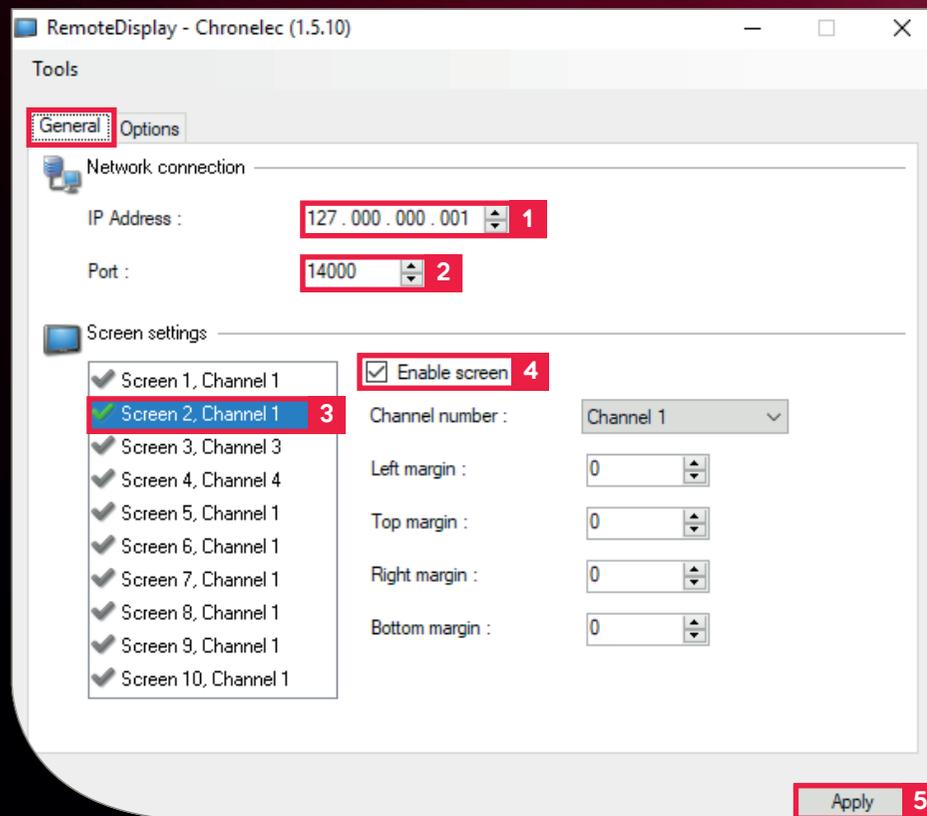
Once your settings are applied, this wallpaper will appear on your 2nd screen :

When you enter a race in **ELITE V3**, this type of display will appear :

|	Pos.	N°	Nat	Nom	Véhicule	S1 (1) 20.457	S2 (111) 17.320	Tps. tour	NT	Ecart 1er
🏁	1	111		BLAZUSIAK Tadeusz	KTM	21.409	18.247	40.355	12	-
🏁	2	10		HAAKER Colton	Husqvarna	21.420	32.126	54.137	12	22.716
🏁	3	1		WEBB Cody	KTM	21.262	21.492	42.754	12	28.896
🏁	4	13		TARRES Pol	Husqvarna	27.837	25.496	53.333	11	1 Lp.
🏁	5	96		GUERRERO RUIZ Cristobal	YAMAHA	25.752	31.492	57.244	10	2 Lp.
🏁	6	71		GALLAS Kevin	Husqvarna	23.508	21.818	48.320	10	2 Lp.
🏁	7	321		JUSZCZAK Emil	KTM	26.205	23.399	48.849	10	2 Lp.
🏁	8	33		GUTZEIT Blake	Husqvarna	23.837	24.727	48.564	10	2 Lp.
🏁	9	21		VIEIRA Diogo	YAMAHA	26.026	23.774	49.800	10	2 Lp.
🏁	10	28		LEON SOLE Xavier	Husqvarna	25.166	22.454	47.663	10	2 Lp.
🏁	11	55		JUAN BERNABEU Jose Maria	SHERCO	27.422	28.969	56.391	10	2 Lp.
🏁	12	61		KARGUL Grzegorz	KTM	28.068	46.796	1:14.864	10	2 Lp.
🏁	13	56		LEONOV David	Husqvarna	28.075	28.187	56.262	9	3 Lp.
🏁	14	77		GRAU Alex	SHERCO	28.679	42.790	1:11.469	8	4 Lp.

REMOTE DISPLAY
IN THE REMOTE DISPLAY SOFTWARE

STEP 5 : CUSTOMIZE YOUR DISPLAY

In **OPTIONS** tab of REMOTE DISPLAY, you can customize your view using the menu **SELECT AN IMAGE**.

Then give the access pattern of the desired image by clicking on the icon FOLDER 📁

Validate your choices by clicking on **APPLY**.
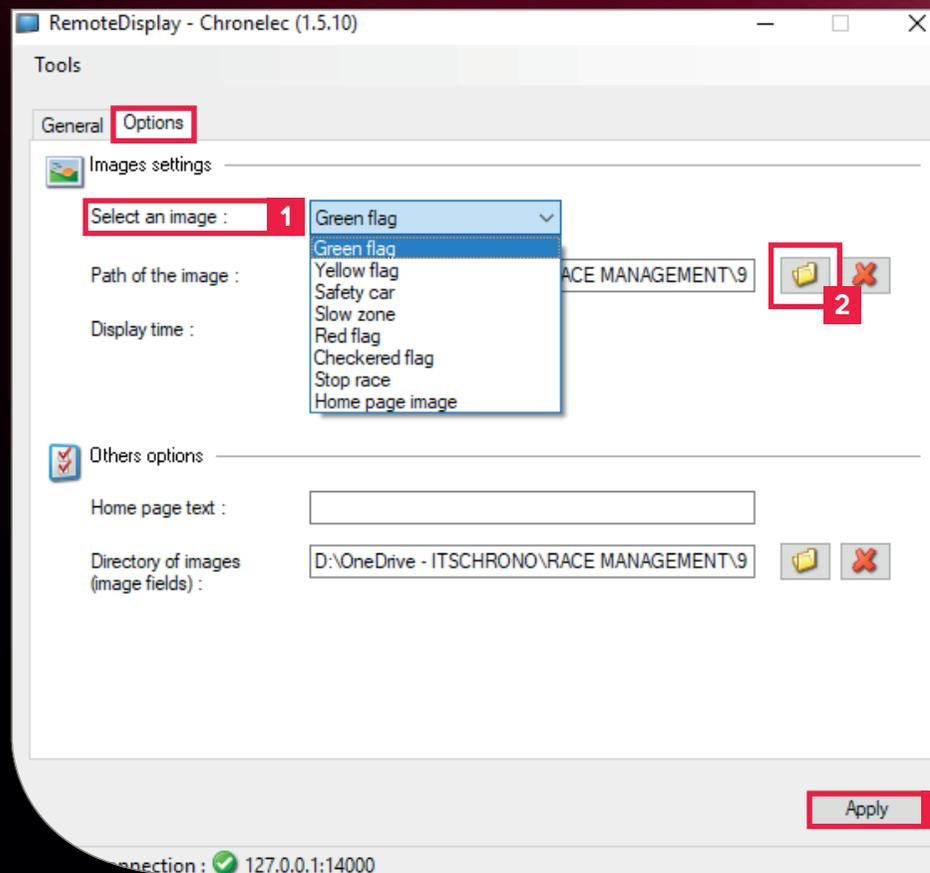
Settings, Green flag, Yellow flag, Stop Race... displays an image on your screen 2 automatically when ordering **ELITE V3** software. Example below with a Green flag :
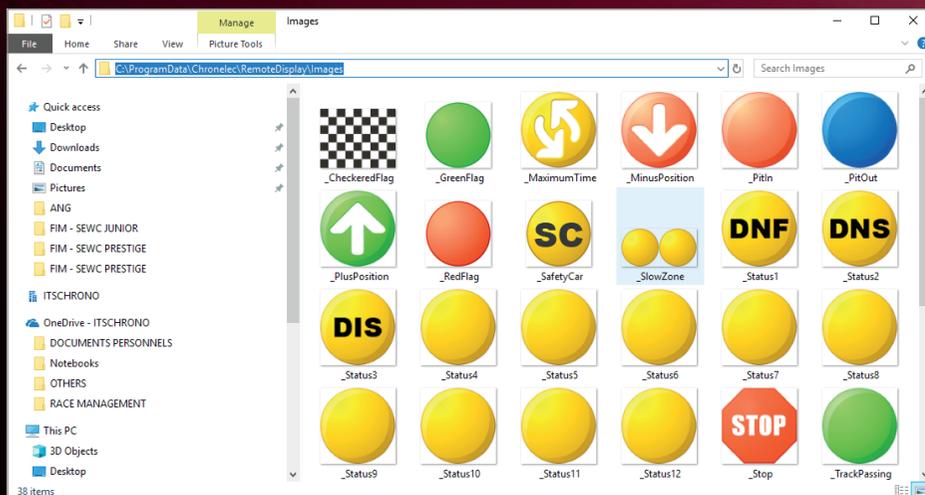
REMOTE DISPLAY

THE MULTIPLE POSSIBILITIES OF THE SOFTWARE

PREDEFINED IMAGES

In the default directory **[C:\ProgramData\Chronelec\RemoteDisplay\Images]**, you will see the content of the folder **IMAGES** which provides a large number of predefined images :
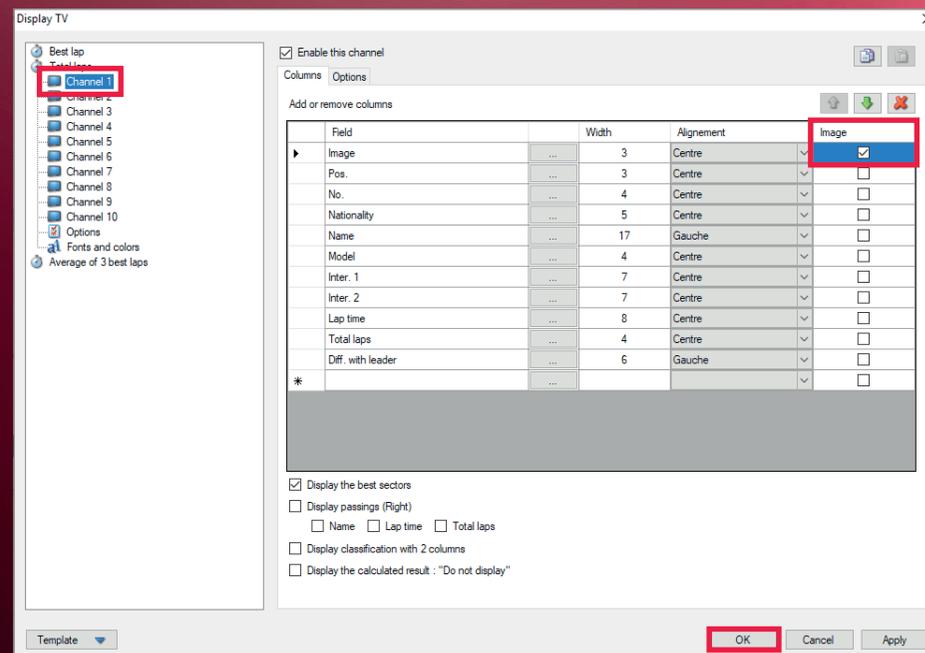

NB : The default software images preceded by a **[_]** as **[_PitIn. png]** can be modified but must remain exactly the same heading because these are automatic and direct links related with software commands in **ELITE V3**.

To change or add images, always store them in the same folder in .PNG

DISPLAY OF IMAGES ON SCREEN 2

To display images on the **screen 2**, you must first, **in the display settings of ELITE V3**, select **IMAGE** :
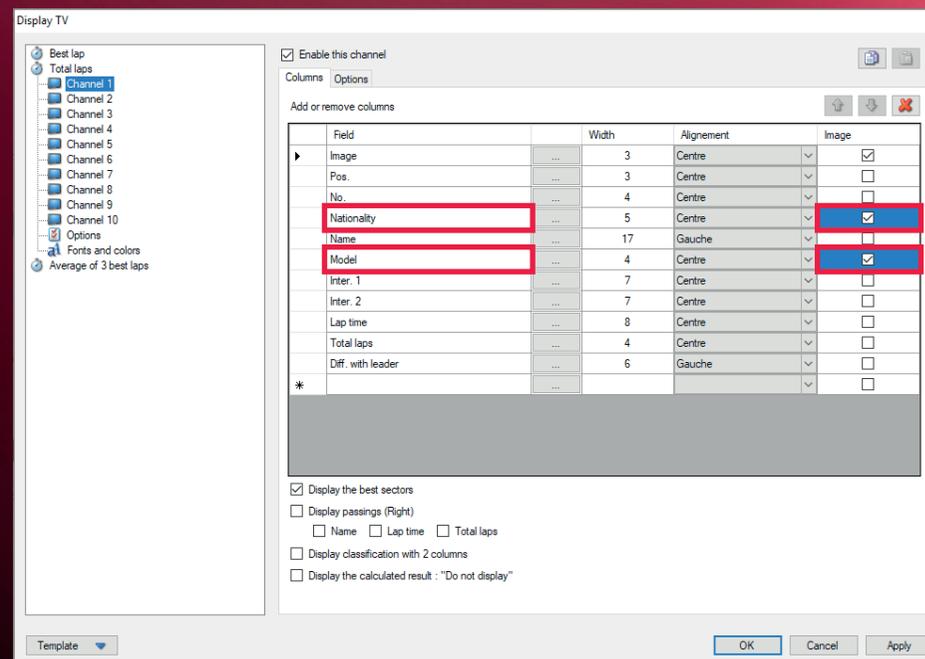
ASSIGN AN IMAGE TO A FIELD

If you want to display images, place **[.PNG]** files in the **IMAGES** folder of the **REMOTE DISPLAY** software. These images will have to be named in the same way as what is indicated in **ELITE V3**.

In the example below, the **[NATIONALITY]** and **[MODEL]** fields have an assigned image. For the competitor **[N° 111]**, its fields **[NATIONALITY]** and **[MODEL]** are filled with **[POL]** and **[KTM]**. The images in the folder must therefore also be named this way.

Check the **IMAGE** boxes in the **ELITE V3 DISPLAY SETTINGS**.

When **ELITE V3** software sends information to **REMOTE DISPLAY**, the software will point to the corresponding image if it exists in the **IMAGES** folder and display it.

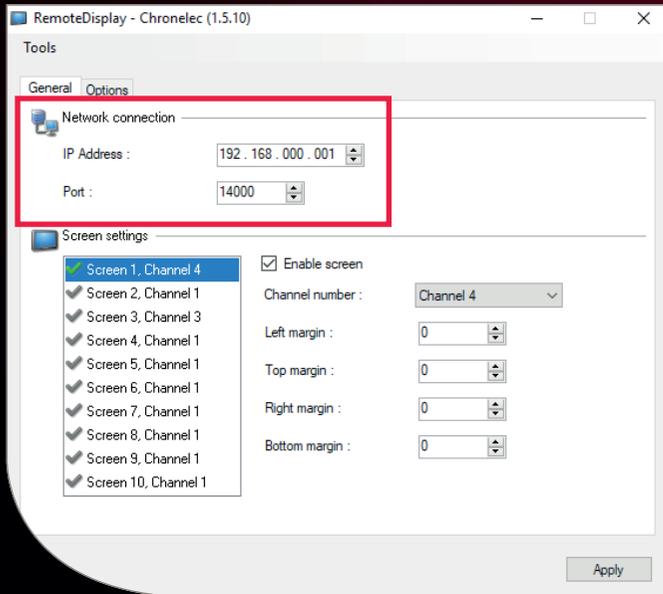**THIS EXAMPLE IS VALID FOR ALL OTHER FIELDS IN ELITE V3 SOFTWARE.**

REMOTE DISPLAY

NETWORKING : MULTI-USER CONFIGURATION

All the features of a multi-user configuration remain the same as those of a local configuration. In the example below, the **TIMING COMPUTER** uses the **ELITE V3** software and has activated the **10 TV display channels** (see step 1). The other 3 computers, being on the same network, can therefore display one or more of these 10 channels thanks to the **REMOTE DISPLAY** software.

THIS COMPUTER SENDS ON **PORT 14000** ALL THE TV DISPLAY INFORMATIONS (SEE STEP 2).

TIMING COMPUTER
ELITE V3 - MANAGEMENT DISPLAY

THE IP ADDRESS MUST BE THE ONE OF THE COMPUTER THAT SENDS THE TV DISPLAY INFORMATIONS ON THE NETWORK (TIMING COMPUTER), AND THE PORT MUST CORRESPOND TO THE ONE FILLED ON THE TIMING COMPUTER IN STEP 2 (IN THIS CASE 14000).

AVAILABLE CHANNELS

CHANNEL 1	CHANNEL 6
CHANNEL 2	CHANNEL 7
CHANNEL 3	CHANNEL 8
CHANNEL 4	CHANNEL 9
CHANNEL 5	CHANNEL 10

RemoteDisplay - Chronelec (1.5.10)

Tools

General | Options

Network connection

IP Address : 192 . 168 . 000 . 001

Port : 14000

Screen settings

Screen 1, Channel 4
Screen 2, Channel 1
Screen 3, Channel 3
Screen 4, Channel 1
Screen 5, Channel 1
Screen 6, Channel 1
Screen 7, Channel 1
Screen 8, Channel 1
Screen 9, Channel 1
Screen 10, Channel 1

☑ Enable screen

Channel number : Channel 4

Left margin : 0

Top margin : 0

Right margin : 0

Bottom margin : 0

Apply

SPEAKER COMPUTER
REMOTE DISPLAY
EXAMPLE : CHANNEL 1

RACE DIRECTION 1 COMPUTER
REMOTE DISPLAY
EXAMPLE : CHANNEL 4

RACE DIRECTION 2 COMPUTER
REMOTE DISPLAY
EXAMPLE : CHANNEL 9

RJ 45

VIA THE **REMOTE DISPLAY**, EACH PC CAN DISPLAY ONE OR MORE CHANNELS.

TAGHeuer
PROFESSIONAL TIMING
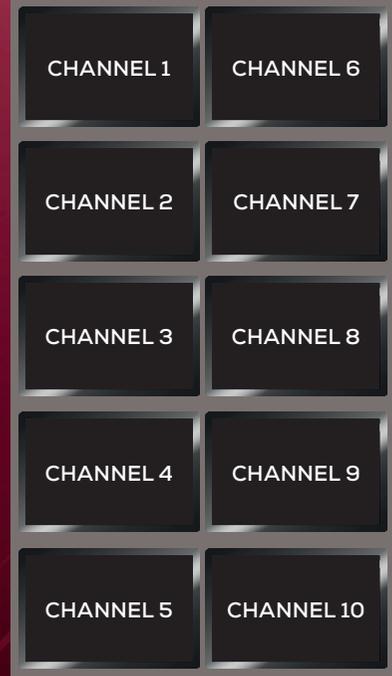
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V1