

Advanced Dimmer with IFEN Neuroscience Launcher



User Manual

Advanced Dimmer

R 2.0

www.neurofeedback-partner.de

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1 About

1.1 IFEN

The Institute for EEG Neurofeedback, IFEN, was founded in 2008 and is today one of the leading educational centers for neurofeedback in Germany and Europe. It was one of the first institutions that incorporated the concept of Z-Score Training into its curriculum, which today has become one of the most successful and widely known approaches of neurofeedback. CAPITO offers you many opportunities to measure the most critical parameters of attention, processing speed, and impulse control. These are also called executive functions, which are mainly orchestrated by the frontal lobes and the attention networks in the brain.

Our goal:

We want to prepare you for an interesting, exciting and satisfying career. If you want to improve your skills, expand your knowledge, and stay at a high professional level, we offer workshops with internationally renewed experts in the field of neurotherapy (Mark L. Smith, Estate M. Sokahdze Ph.D.). We are also constantly collaborating with universities and hospitals to support and initiate research and development in the neurofeedback field. The educational content is geared towards the fast growing knowledge in neurotherapy, neurosciences and psychophysiology.

1.2 IFEN Neuroscience Launcher

The Launcher is a tool for managing all the components developed by IFEN from just one single place. This is graphical user interface mainly focuses on the productivity for Neurofeedback and experiments for research purposes.

This program comes with bonus Neurofeedback games. A game called **Make Room** is now given as a bonus game with **IFEN Neurofeedback Launcher** software. Game developers are also developing some other bonus game which will come with **IFEN Neurofeedback Launcher** software in future.

Another software called **Capito**, which is used for **Cognitive & Psychophysiological Test Operations** is also given with **IFEN Neuroscience Launcher**.

To know more about **Capito**, you can [visit this link](#).

1.3 Advanced Dimmer

Advanced Dimmer is the first ever dimmer software developed by IFEN.

This is not just a simple dimmer like any other dimmer software. It has some special features like customized frequency set options, maximizing window, changing dimmer colors etc.

Advanced Dimmer comes with IFEN Neuroscience Launcher v1.4 or above. So, you don't have to install Advanced Dimmer separately.

2 Installation / Uninstallation (Advanced Dimmer)

Though Advanced Dimmer comes with IFEN Neuroscience Launcher, so we're going to install IFEN Neuroscience Launcher.

2.1 System Demands

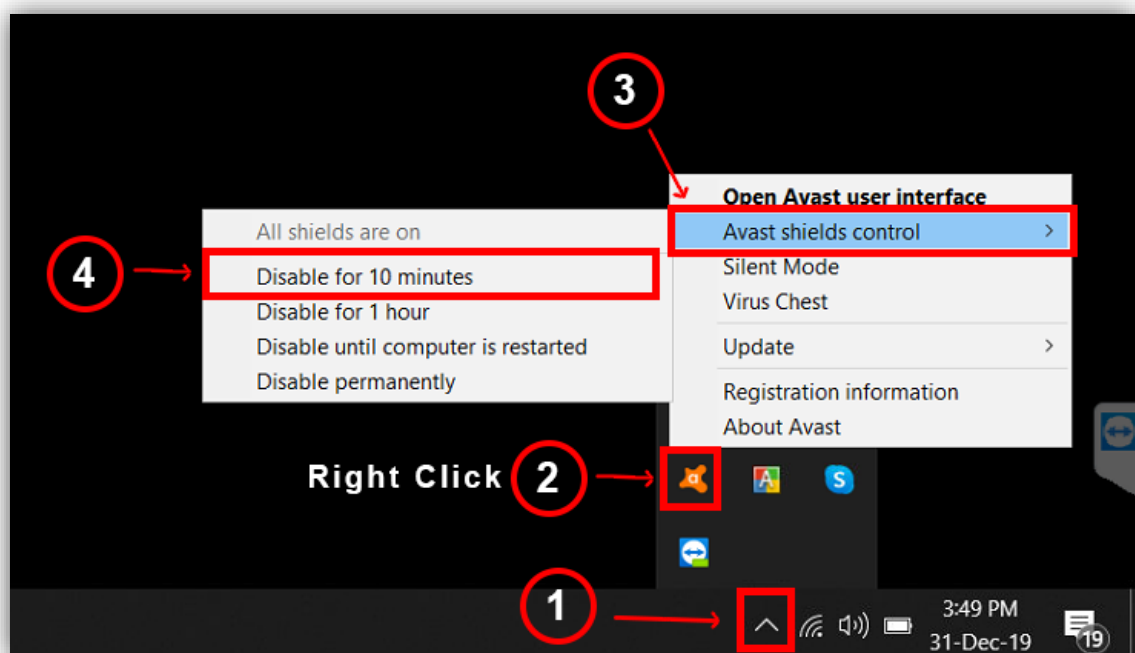
Make sure that the following system demands are fulfilled before installing IFEN Neuroscience Launcher on your computer.

System component	Demand
System Software	Windows Vista, Windows 7, or Windows 10
Screen Size	We recommend screens with 17,3 inches, a second screen for the depiction of the visual stimuli at around 21 inches or higher.
Screen Resolution	1366 x 768 pixels
Processor	Intel, AMD
Processor speed	2.2 GHz or more
RAM-size	4 GB or more

2.2 Installation of IFEN Neuroscience Launcher

Follow these steps for installing IFEN Neuroscience:

1. Before Installing you've to deactivate your antivirus if you have installed any antivirus. If you have installed Avast Antivirus, you can do like below: -



2. Double-click on the Software-Exe-file.



3. If Windows Defender is installed on your computer there might be showing up a warning (see image below):



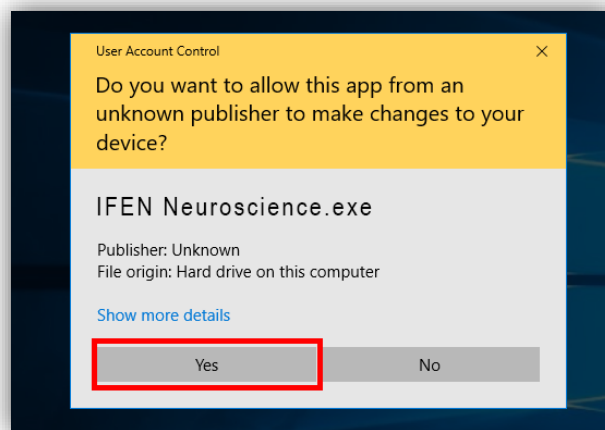
4. Ignore this warning and click the option "more info" (see image below):



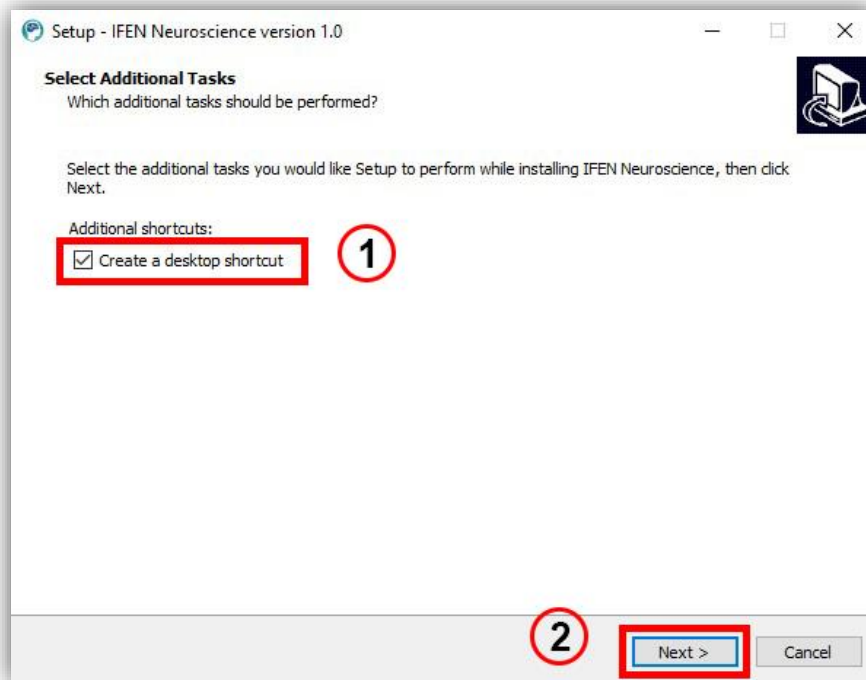
5. Click “Run anyway” as shown in the next image:



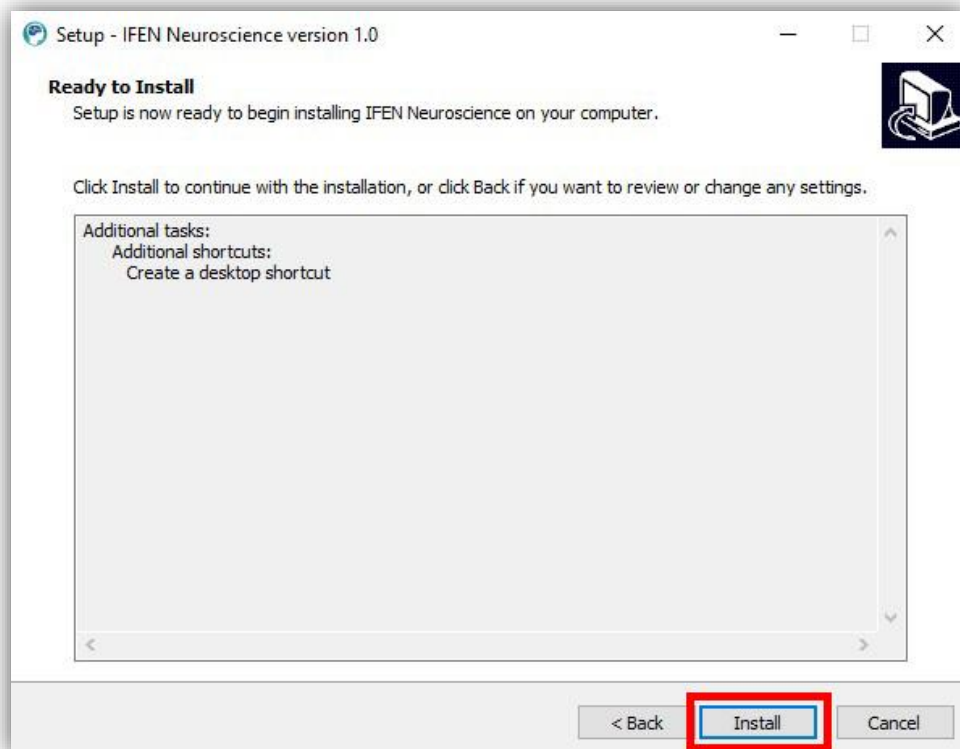
6. If “User Account Control” popup appears, then click “Yes”.



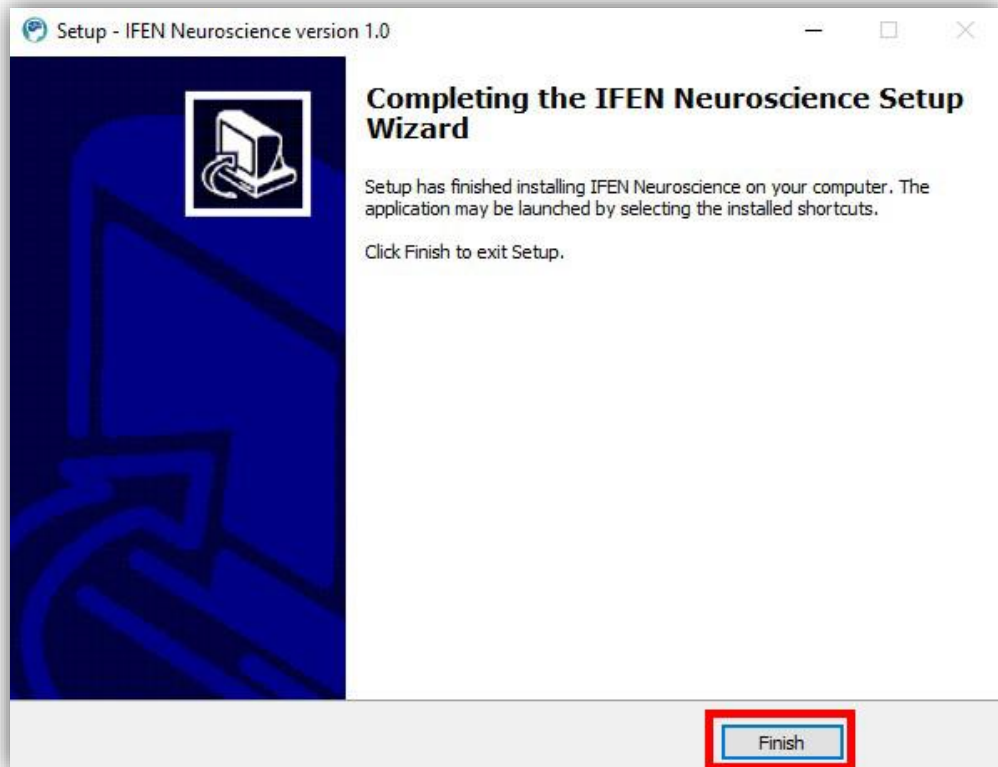
7. Select “Create a desktop shortcut” and click “Next”



8. Click “Install”. It will take a while.



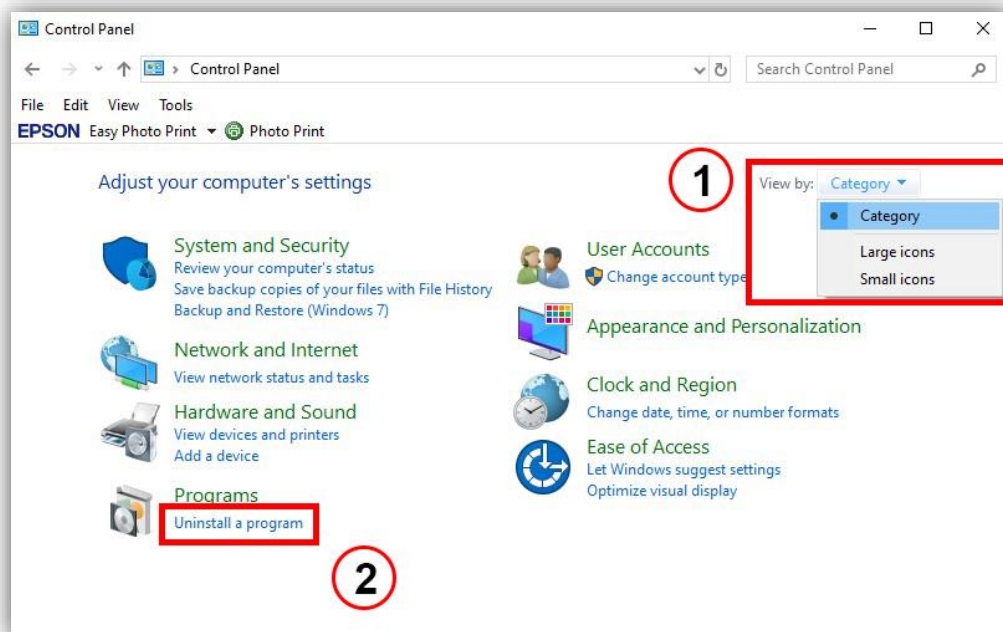
9. Installation is completed now. Click “Finish”



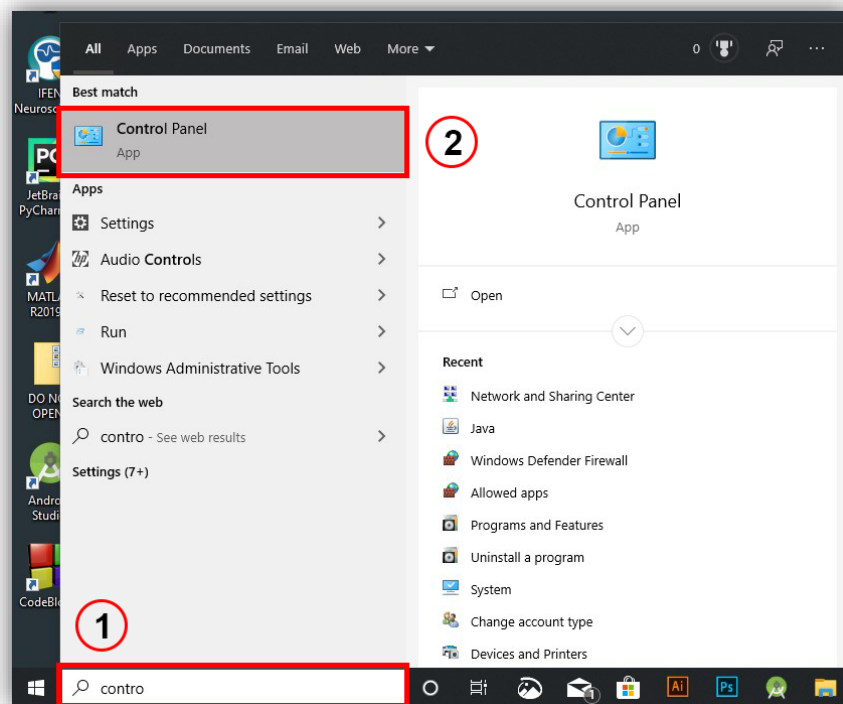
2.3 Uninstall IFEN Neuroscience Launcher

Follow these steps for uninstalling IFEN Neuroscience Launcher:

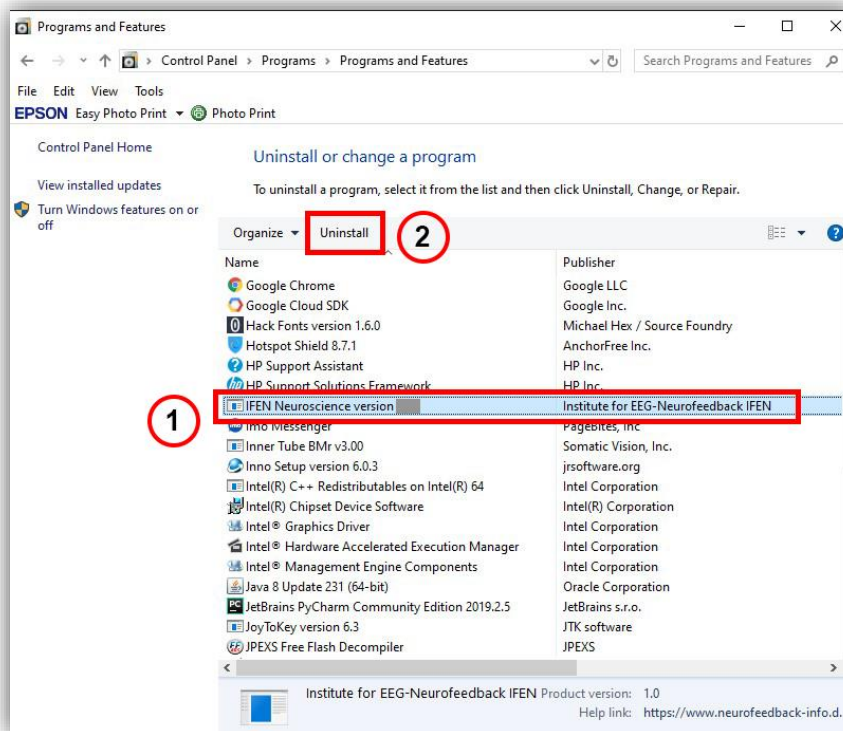
1. Launch Control Panel.
2. Select "View by" as "Category" and after that click on "Uninstall a program" as like below:



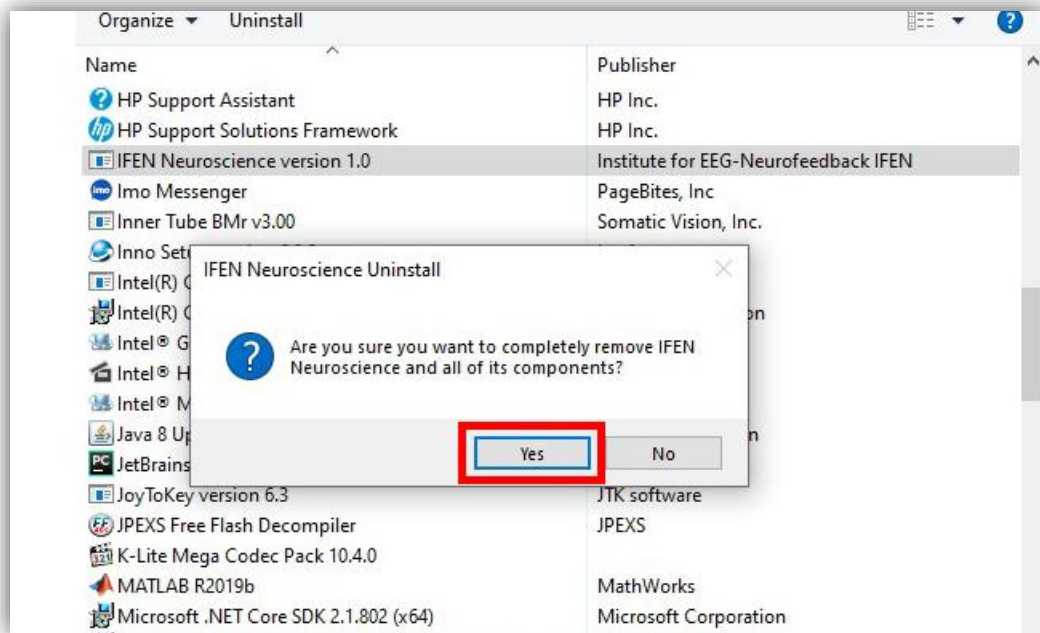
3. Microsoft Windows 10 has a different layout like below to open control panel. You just have to search control panel in the "Search Bar" and click "Control Panel" to open.



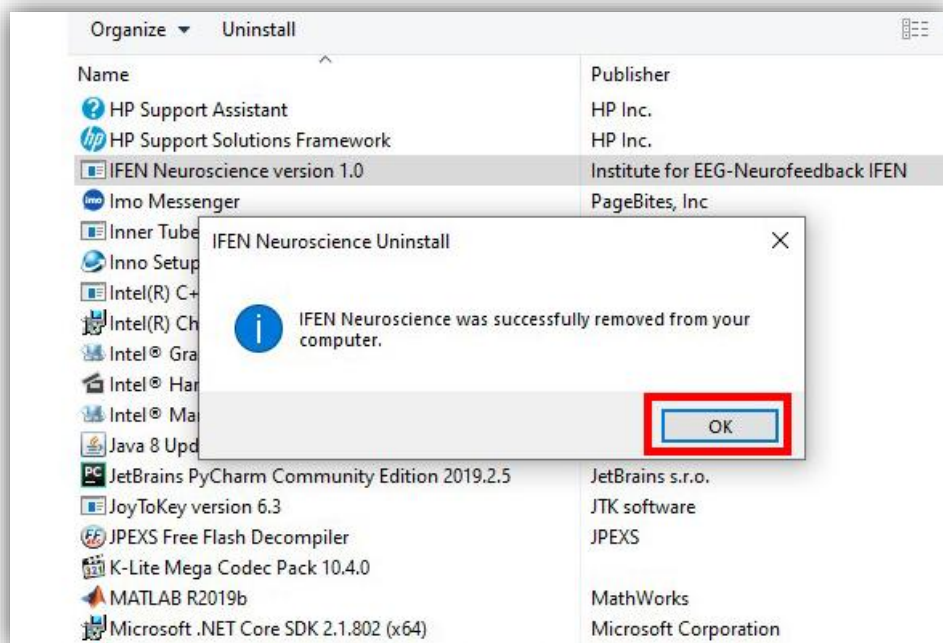
4. Select "IFEN Neuroscience" from the program list and click "Uninstall" as the image below:



5. Click "Yes". This will take some moments.



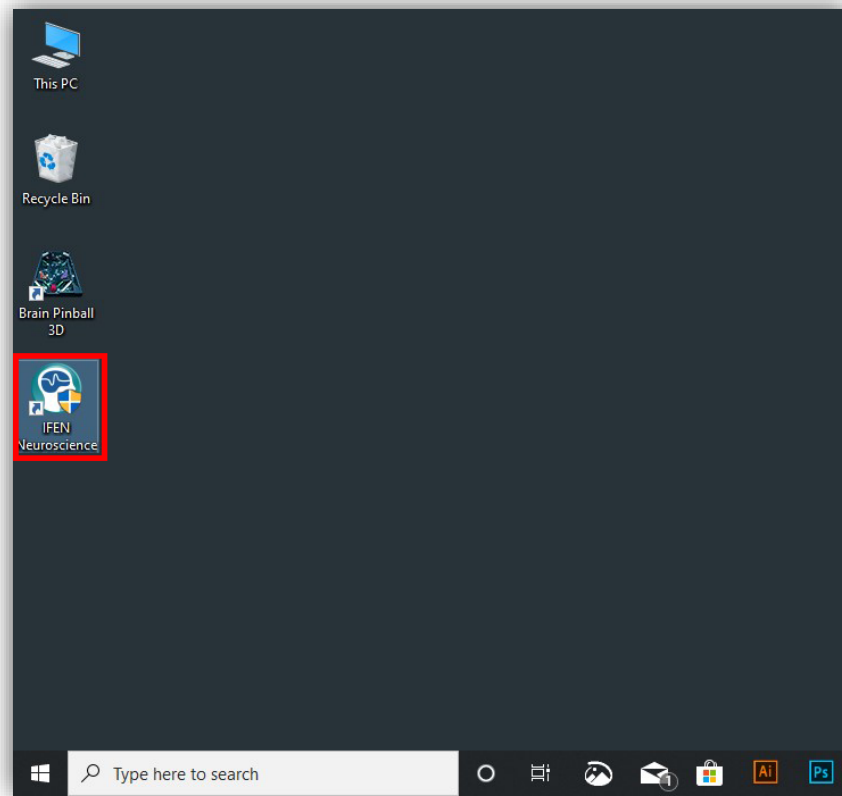
6. IFEN Neuroscience Launcher uninstallation has been finished now. Click "OK"



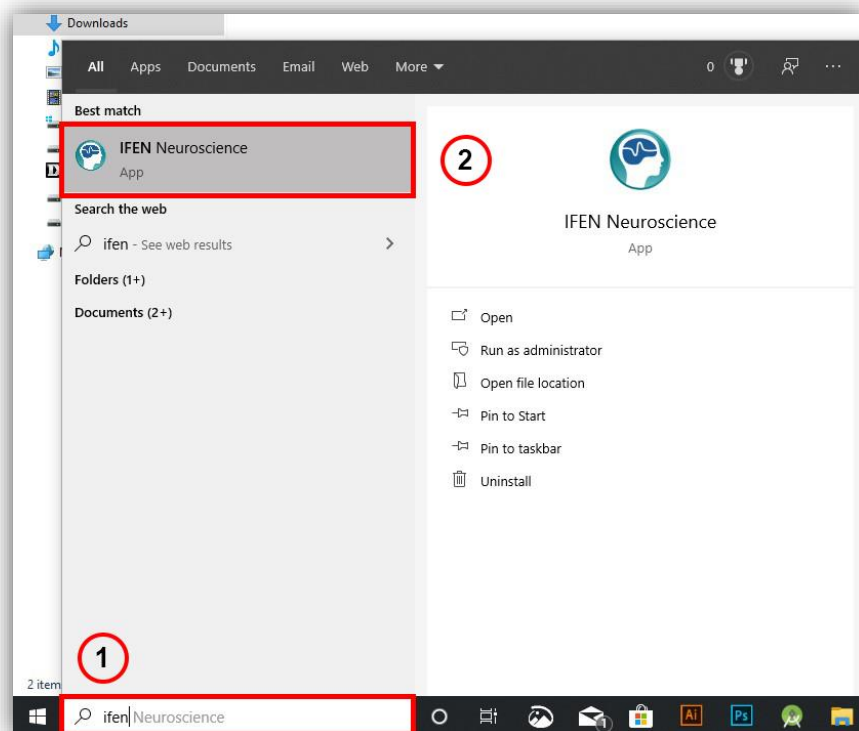
IFEN Neuroscience Launcher is now successfully uninstalled.

3 IFEN Neuroscience Launcher

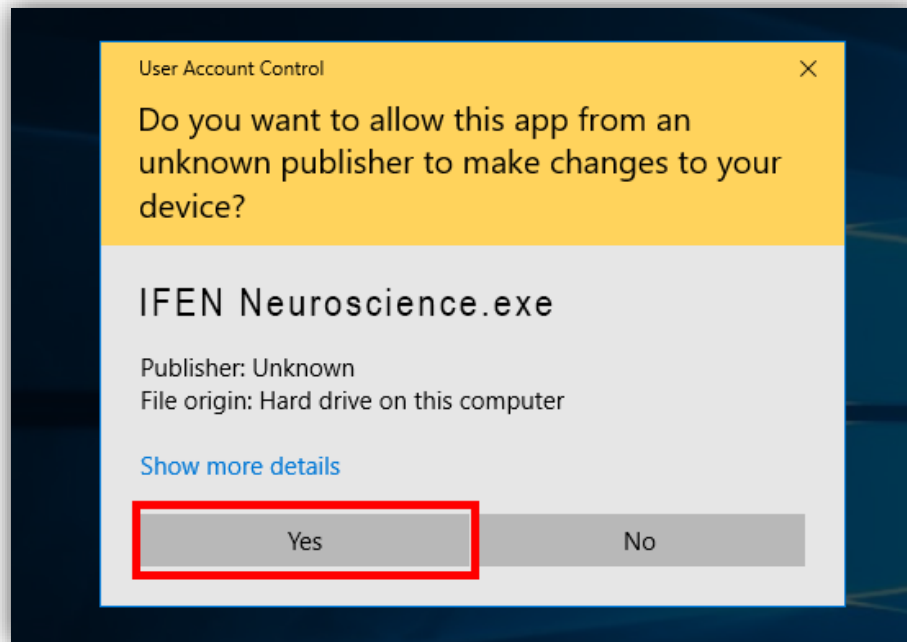
1. Double click on “IFEN Neuroscience” from your desktop icon:



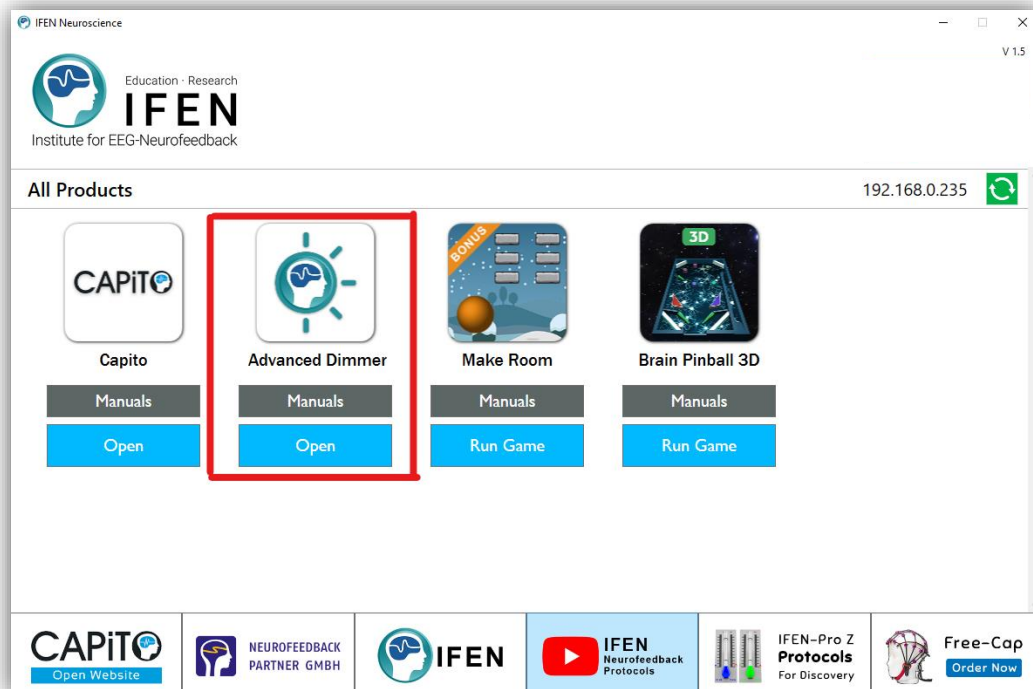
2. Or, you can also open “IFEN Neuroscience” by searching “IFEN Neuroscience” in the search bar as shown below:



3. If “User Account Control” popup will appear, you’ve to click on “**Yes**”. After that, IFEN Neuroscience software will open.



4. The following screen is shown when launching the IFEN Neuroscience software:



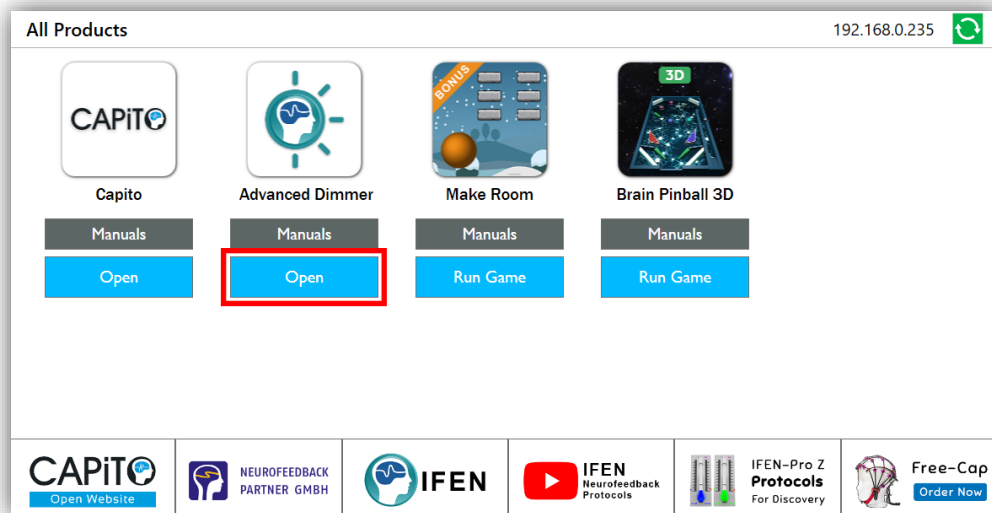
This is IFEN Neuroscience Launcher home screen.

You can see **Advanced Dimmer** in this launcher screen.

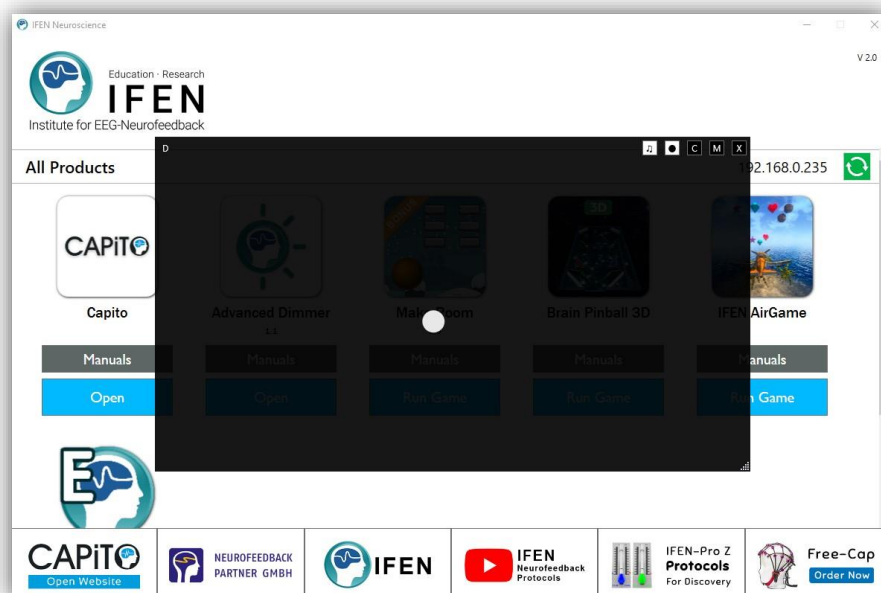
4 Advanced Dimmer

Open **IFEN Neuroscience** and follow these steps: -

1. You will see **Advanced Dimmer** icon on **All Products** section in **IFEN Neuroscience** launcher screen. Click on **Open**: -



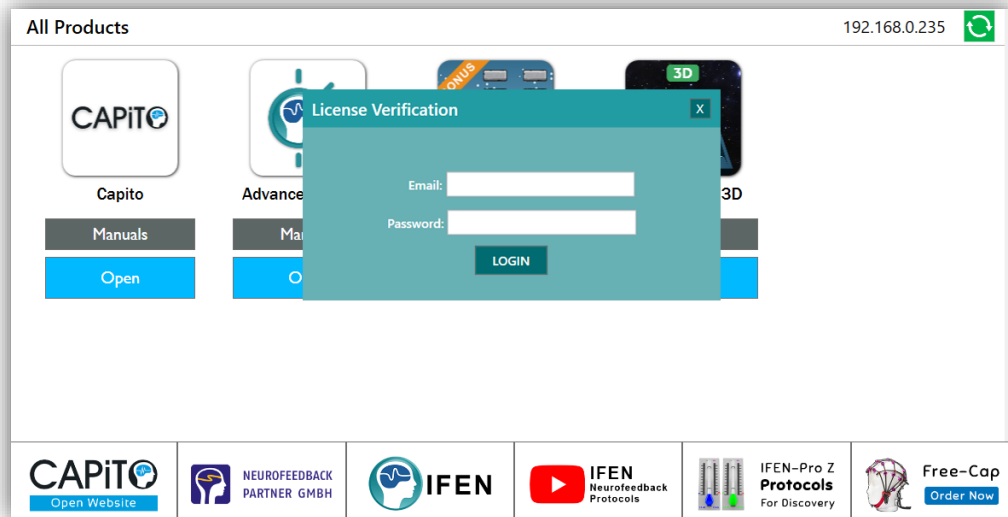
2. After clicking **Open**, it will open **Advanced Dimmer** screen.



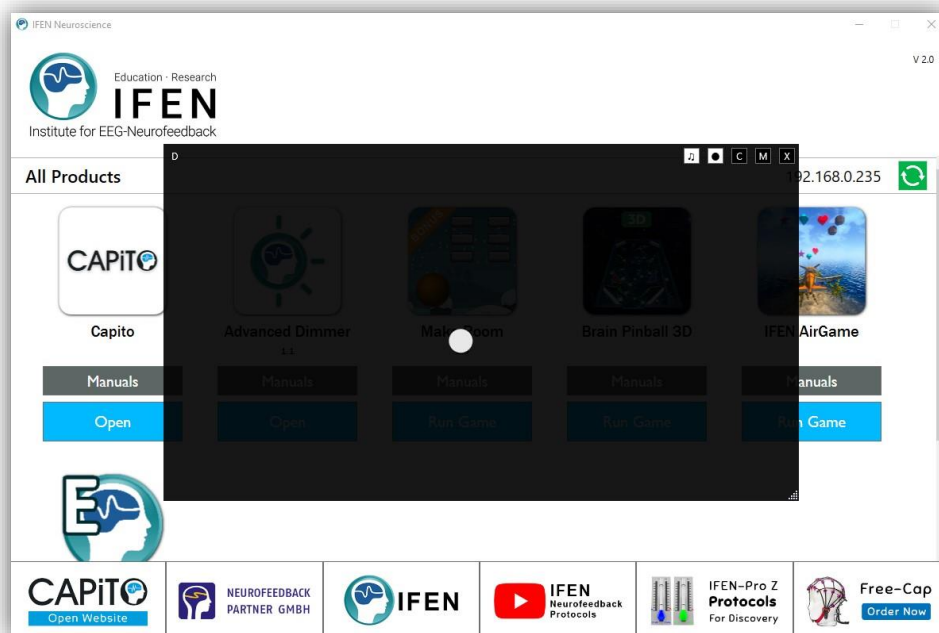
4.1 Activate & Run

All Products of IFEN Neuroscience activation process is always simple, easy and secure. Follow below steps to activate your Advanced Dimmer: -

1. After click “Open” first time on **Advanced Dimmer**, you’ll see the login screen of **Advanced Dimmer** like this: -

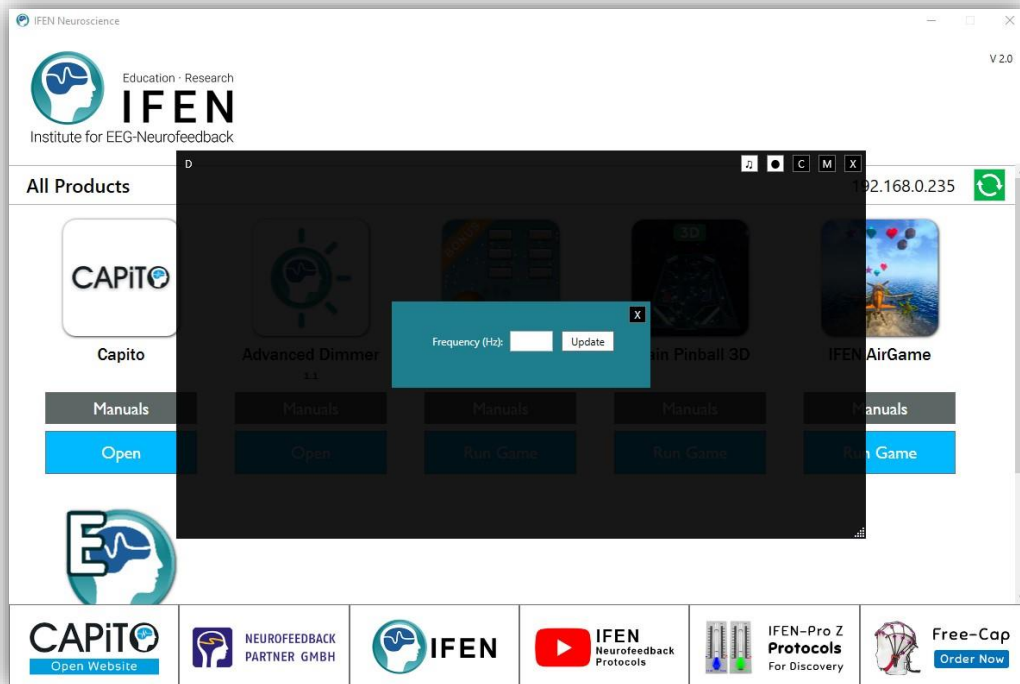


2. Type you email and password which is provided by IFEN to you after purchasing **Advanced Dimmer**.
3. After typing email & password, press **LOGIN** button.
4. If your login details are correct, then you’ll see the **Main Screen** of **Advanced Dimmer**



4.2 Configuring Frequency

1. By default, advanced dimmer frequency is your monitor's frequency (Normally 60 Hz)
2. You can always customize advanced dimmer frequency by clicking on **C** button on the top right section of advanced dimmer.



4.3 Maximizing & Closing Window

1. **M** button for maximizing the advanced dimmer screen.

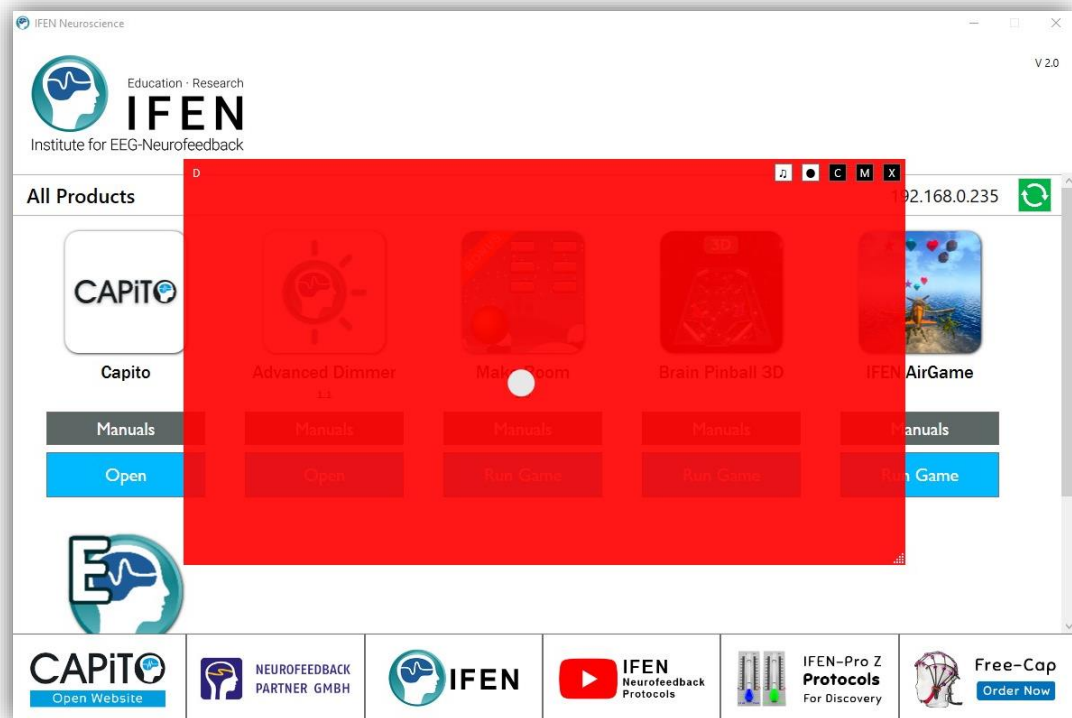
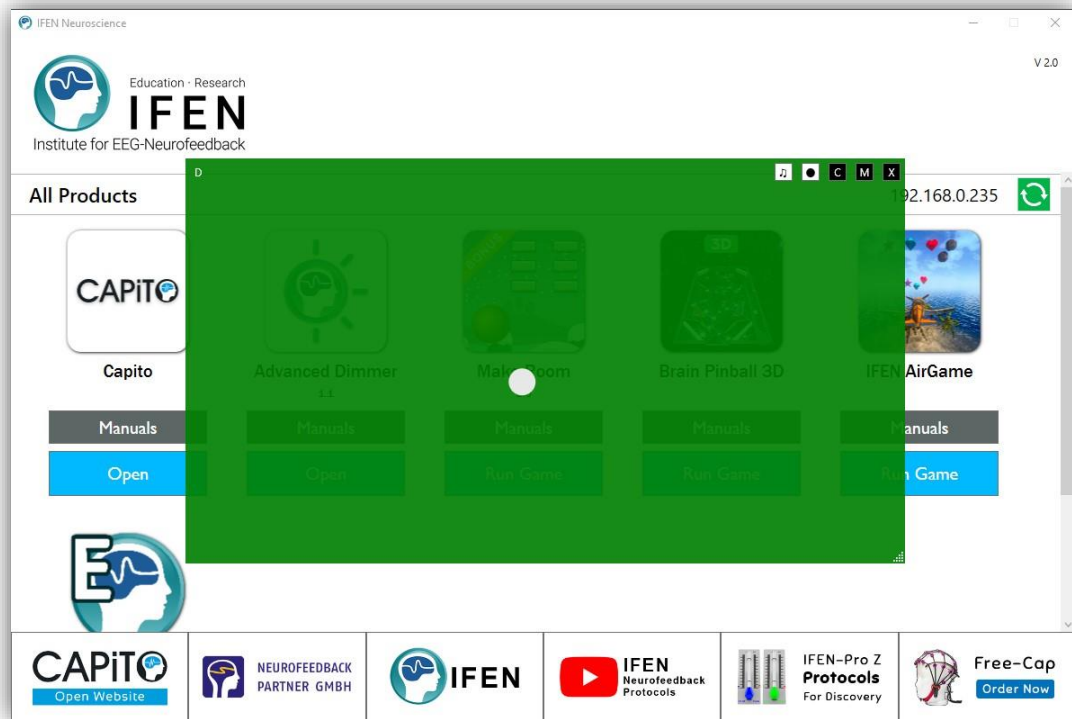


2. **X** button for closing the advanced dimmer screen.



4.4 Changing Colors

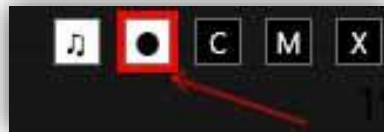
1. Press **Left / Right Arrow** keys on your keyboard to change the color of dimmer



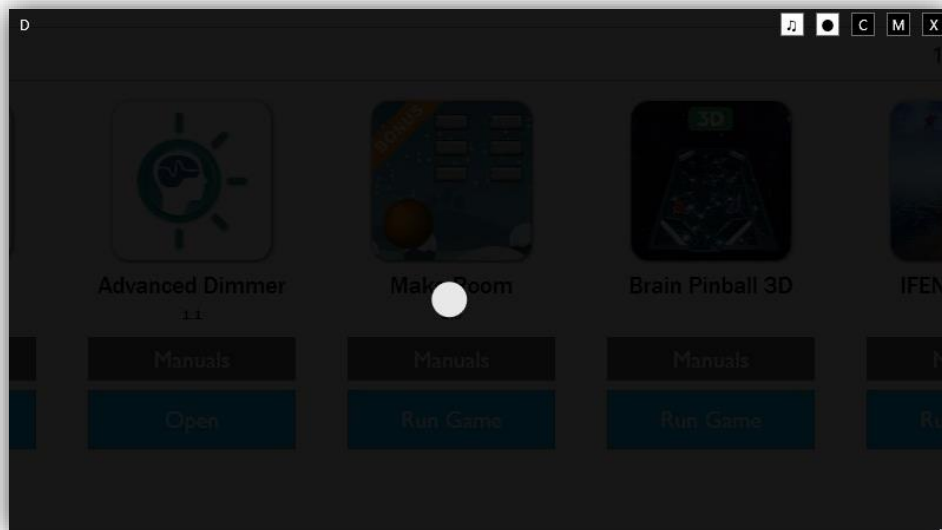
Currently five colors are available in dimmer. They are **Black, Red, Green, Blue, Yellow**.

4.5 Dimmer Dot

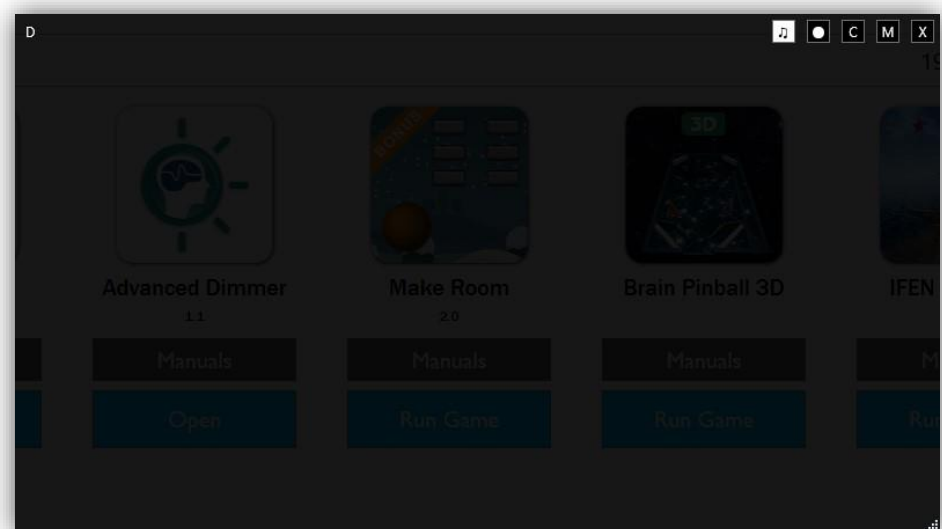
1. You can turn **ON/OFF** dimmer dot by toggling “●” this button: -



2. Dimmer Dot turned **ON**: -



3. Dimmer Dot turned **OFF**: -



4.6 Volume Control

1. You can turn **ON/OFF** volume control by toggling “♪” this button: -



2. If the volume control is **Turned ON**, then Advanced Dimmer can control system volume. So, you can play any song from any media player / YouTube as you like!

5 Licensing

For licensing the Advanced Dimmer, you've to login with your email and password which will be sent to your email after purchasing it from us.

Or, if you've already purchased any of IFEN products (e.g.: Brain Pinball 3D), then you just have to give your email during purchasing Advanced Dimmer. It will be added to your purchased product list so that you won't need additional email account to activate Advanced Dimmer.

You can purchase it on our website. The licensing takes place after the purchase.

Advanced Dimmer Purchase Link: **N/A**

Institute for EEG-Neurofeedback (IFEN): www.neurofeedback-info.de

Neurofeedback Partner Gmbh: www.neurofeedback-partner.de

6 Legal Information

© Institute for EEG-Neurofeedback IFEN

CEO Thomas F. Feiner BCIA BN

Karl-Böhm-Str. 50

85598 Baldham near Munich

Tel.: +49(0)89 2000 299 66

Fax: 32121035629

E-Mail: info@neurofeedback-info.de

Internet: www.neurofeedback-info.de/en

Neurofeedback Education and Webinars for CAPITO:

www.neurofeedback-info.de