

tobii dynamox

The power to be in control



Introducing Windows Control

Gaze enabled computer access

Power to be You

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Tobii Dynamox eye tracking technology has helped thousands of individuals, some suffering from a spinal cord injury or ALS, lead more independent and happier lives. It does so by allowing you to access a computer and the Internet using only your eyes – no mouth sticks, switches or head mouse needed. Simply look at the computer screen and control the mouse cursor with your eye movement. It is fast, ergonomic and gives you access to the many ways that a computer can enrich your life.

Windows Control is the software that enables computer access on a Windows PC via eye gaze and switch input, replacing the standard keyboard and mouse.

It comes included with the PCEye Plus and EyeR dongle, providing the most efficient and ergonomic way to access your computer with assistive technology.



The tools to access the world – by yourself

Eye tracking is probably the quickest, easiest and most comfortable way to operate a computer with assistive technology. The software Windows Control is the link that gives you total access to this tool. It enables you to enjoy benefits like greater personal independence, the ability to stay socially connected and much more.

Windows Control makes it possible to control your desktop, or any other application, through a simple, two-step process that reduces the risk of unwanted clicks. All you have to do is select the desired task that you want to perform in the taskbar, like a double click. Then, simply look at the desired area or icon on the screen where you want to execute the task.

With Windows Control you get:

- More relaxed computer access – With the two-step process, clicks are made intentionally and navigation is more intuitive, creating a relaxed and natural computing environment that is easy on your shoulders and neck.
 - Ability to hit smaller targets – Windows Control has a unique zoom feature that provides virtually pixel-precise control of where you point, click and drag. It is designed for switch and gaze use and lets you set the zoom depth individually.
 - Faster computer access – Efficiently access all of the functions of your computer with fewer mistakes and clicks, and at a higher speed. The brand new Windows Control Shortcuts
- increase speed and comfort even more with direct access to Cortana, volume control, cut/copy and paste, access desktop and many more.
 - Integrated keyboard – The built-in keyboards include the SwiftKey word prediction, which learns the way you type and the words and phrases that matter to you, constantly adapting to your personal writing style. With this knowledge, the keyboard proactively suggests what you are likely to type next. Currently, SwiftKey word prediction is available in 30 languages in Windows Control.
 - Tracking on external screen – With Windows Control you can mount your eye tracker on a second or third screen and simply chose the screen you want to track on.



Windows Control's unique zoom feature provides virtually pixel-precise control of where you point, click and drag.

Designed for you

We focused on your needs and input to create features that really make your life easier. Consistency throughout our portfolio, a great user experience and full control for you were some of our most important goals.

Your future-proof companion

The entire software and especially the Windows Control Shortcuts are built to be flexible, while keeping future improvements in mind. This way, we can adjust and modify the shortcuts according to the latest innovations as well as your needs and preferences. Windows Control is compatible with most of our eye tracking hardware which ensures that the software will support you on your journey and you don't need to adapt constantly.

The next generation Windows Control opens the door to the entire world of Tobii. We will be able to take quick and regular advantage of the continuous innovations in eye tracking technology - in hardware quality, software features, firmware and algorithms improvements, Research and Development resources and more - from the global leader in eye tracking technology, our sister company, Tobii Tech.

Built for an outstanding user experience

We want to create a single unified experience when using any Tobii Dynavox software title, so that working between them feels seamless and effortless. Windows Control is aligned with Tobii Dynavox software and speaks the same design language. Color schemes are adapted automatically to Windows 10, merging it perfectly and making the software feel like it is a part of Windows.

Getting started with Windows Control is easier than ever before. Spend less time on learning and configuring and jump directly into talking, navigating and interacting. With the brand new Configuration Guide you follow 3 simple steps that guide you through the setup process. This will lead you to an easy to follow tutorial including several videos, images and helpful information about getting started with Windows Control.

For additional help and support, we created a dedicated section in the Windows Control settings. There you will find a comprehensive ecosystem of support with online help, articles, FAQs and more. You have the possibility to access the support ecosystem and settings by yourself and at any time. The new settings section is completely gaze enabled, giving you full control of your eye tracking environment.

Individual adjustments – gaze enabled settings

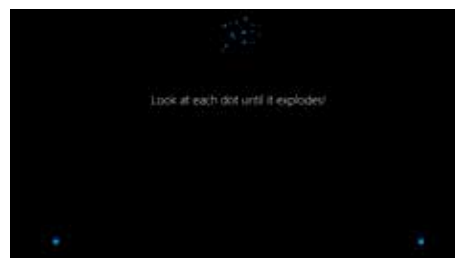
We have streamlined our Windows Control software to give you a consistent experience with no room for confusion or the risk of getting stuck. All settings and features in the next generation Windows Control are gaze enabled. This means you have the ability to calibrate as well as change dwell time, users, languages, input methodology and much more completely by yourself.

The calibration process itself has also been redesigned and further improved. It now features a “pop the dot” calibration, which is even more engaging and fun. During the process, you can look away from the screen and then return and continue from where you stopped. No assistance is needed in the calibration process, allowing you to take full control. You can as well use the easy calibration with only 1 or 2 points or images to focus on. At this entry-level calibration, an assistant can step through each calibration point manually with the user for an optimal result.

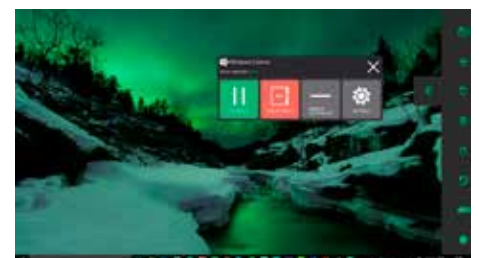
To quickly access all of those important eye tracking settings, you now have a controller window directly on the screen. The new controller window is always available on the screen and lets you start/pause eye tracking or pop up the track status to check your position. It also provides direct access to the settings for further adjustments.



Fully gaze enabled settings



New "pop the dot" calibration

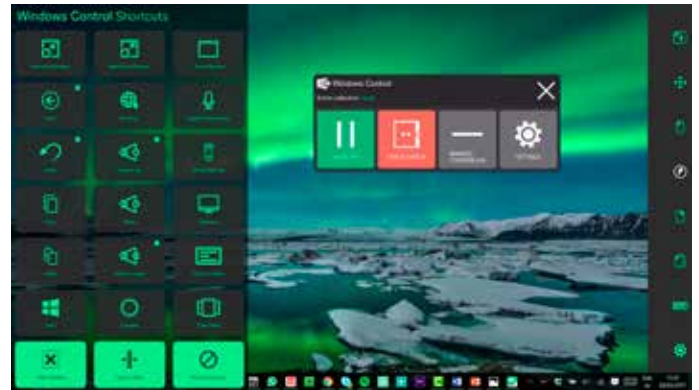


Controller window with quick access to settings

The power of shortcuts

Utilize the full potential of Windows 10 with the brand-new Windows Control Shortcuts. All important Windows 7, 8.1 and 10 access features are gathered in the shortcuts panel for quick and full Windows control. The interface is simple and clear, which makes it fast and comfortable to access the volume control, cut/copy and paste, access desktop, minimize/maximize and much more.

Besides the essential Windows functions, you can also launch additional programs from the shortcuts panel. You have direct and easy access to Virtual Remote (IR – environmental control) Windows Speech Recognition (voice control), Cortana – and many more in the near future.



Environmental Control

Within Windows Control, you now have the ability to control IR devices in your surroundings remotely. Choose your favorite TV program, let your music band play as loud as you want and enjoy toys like remote controlled cars. Virtual Remote is the software, integrated into Windows Control, that provides two pathways to setting up an IR connection:

Pre-programmed remotes

Remote comes preprogrammed with many popular IR codes, helping you to simply create “Virtual Remotes” and take control of devices in your home or office. There is an extensive list of device brands to choose from and, once the brand is selected, all matching remotes are displayed, so that you can find the best one. Once chosen, the remote can still be edited afterwards.



Manually programmed remotes

Here, the user begins with a pre-filled layout, which consists of un-programmed buttons. These buttons can now be programmed individually according to your preferences. After the initial programming, every button can still be edited and changed.



Switching between different remote controls is easy, so you always have direct access to programmed IR remotes.

Windows Control & the Power to be You

Tobii Dynavox eye tracking devices and Windows Control can help you with things like controlling your surroundings, pursuing interests and education, as well as staying entertained. They are also valuable tools for helping you re-enter the workplace, staying in touch with friends and family, meeting new people and even interacting with your children.

With the Windows Control software, you can operate your computer using only your eyes and enjoy:

- Greater personal independence – Regaining a healthy level of personal independence is possible through Tobii Dynavox eye tracking devices that provide you with access to a computer and the Internet.
- Social networking – You can take advantage of all forms of communication, write emails to your friends and family, access social networking sites like Facebook and Twitter, and give friends and family updates about yourself through a blog or a personal website. You can even use it to make phone calls.
- Artistic expression – Artistic expression through gaze interaction is also a healthy way to spend time, acquire new skills and promote creativity, all things that can increase health and happiness.
- Independent recreation – Taking part in some type of recreation is a way to pass the time, have fun, learn, and stimulate your mind, while improving your overall happiness

and health. Accessing a computer and the Internet through eye control without the need of an assistant is one way to enjoy independent recreation.

- Full, ergonomic computer access – Using gaze interaction can be easier on your neck, shoulders and body tone than using a head mouse or a switch.
- Access to environmental control – Environmental control works by remotely controlling IR enabled devices directly from your computer. With it you can take control of things in your surroundings at home or in the office like lights, telephones, TVs, DVD players, toys and more. Being able to control devices via gaze interaction allows you to regain much of your freedom and independence.
- Remaining in work or school – With the ability to use a computer, also via an eye tracking device, you can greatly improve your chances of remaining employed or finishing school.

Software Specifications

Works with (operating system)	Windows 7, 64-bit Windows 8.1 Windows 10
System recommendation	CPU: 2 GHz, Dual-Core (recommended minimum) RAM: 4 GB (recommended minimum)

