

# Senaptec Strobe Training Goggles



**\$325.00**



What would you do to have more time in those clutch moments of the game? To slow the clock down and engage your body and mind? Through sensory training with Senaptec products, you're enhancing your sensory system and will begin to receive information sharper, processes it quicker, and react faster than those around you, essentially slowing the game down around you and giving you the competitive edge.

The Senaptec Strobe is designed to train the connections between your eyes, brain, and body. Using liquid crystal technology, the lenses flicker between clear and opaque, removing visual information and forcing you to process more efficiently. The Senaptec Strobe can be integrated into existing training drills and exercises.

#### **CASE & ACCESSORIES INCLUDED**

All Strobes come with a soft shell carrying case to ensure you can safely take your Strobes wherever training calls you. Charging and changeable nose pieces are also included.

#### **BLUETOOTH FUNCTIONALITY**

With the Senaptec Strobe App, you can control your Strobes from the convenience of your smart phone!

The development of prevention strategies is critical to address the rising prevalence of sport-related concussions. Visual and sensory performance may influence an individual's ability to interpret environmental cues, anticipate opponents' actions, and create appropriate motor responses limiting the severity of an impending head impact. The purpose of this study was to determine the relationship between traditional and visual sensory reaction time measures, and the association between visual and sensory performance and head impact severity in college football players. Thirty-eight collegiate football players participated in the study. We used real-time data collection instrumentation to record head impact biomechanics during games and practices. Our findings reveal no significant correlations between reaction time on traditional and visual sensory measures. We found a significant association between head impact severity and level of visual and sensory performance for multiple assessments, with low visual and sensory performers sustaining a higher number of severe head impacts. Our findings reveal a link between level of visual and sensory performance and head impact biomechanics. Future research will allow clinicians to have the most appropriate testing batteries to identify at-risk athletes and create interventions to decrease their risk of injurious head impacts.

As an athlete, the strobes take your training to another level. The curved liquid crystal lenses provides a full 180 degree field of view allowing users to enhance their visual skills in the training room, or on the field of play! **Improve balance, anticipation, and reaction to gain the competitive edge!** These are a must own training aid for any therapy room or athletic training center!

***More Info About the New and Improved Strobes:*** • Curved liquid crystal lenses for a full 180 degree field of view • Adjustable monocular and binocular modes • Adjustable difficulty levels to use for drills from catching to balance • Easy to read OLED display to show level, mode, and battery life • More opaque lens than prior generation products for outdoor use • Integrated battery rechargeable over standard USB connection • Backed by research studies that show improvement in visual skills • O-ring gaskets to keep sweat and moisture out • Elastic strap to keep eyewear tight on head during sport movement • 2 buttons to easily adjust modes and difficulty level  
***What is the warranty period?*** Senaptec provides a standard 1-year limited warranty.  
***What is your return policy?*** 30-day money back return policy, so long as the product is returned in the original packaging and is in re-sellable condition.



## Why train your brain and your vision?

Your senses dominate your ability to control movement and responsiveness. With 80% of the brain dedicated to sensory processing, improving your senses dramatically impacts both quality of life and overall athletic performance. This one solution promotes brain health to maximize performance and improve vision, focus and mobility for people at all stages in life.

Vision training has little to do with improving eyesight. It is a form of perceptual learning intended to improve the ability to process what is seen. By repeatedly activating the visual sensory neurons, they increase their ability to send electrical signals from one cell to another across connecting synapses. With sensory neurons, just like muscles, **it's use it or lose it.** The more they are used the better they perform. **As the eyes are responsible for gathering over 2/3rd's of all information** fed to the muscular skeletal system, the athlete who focuses on physical conditioning only is neglecting a key component...VISION! The visual system determines where and when to hit, throw and catch a ball, and enables the body to move precisely through three dimensional space.

***"Eyesight is simply the ability to see something clearly, the so-called 20/20 eyesight (as measured in a standard eye examination with a Snellen chart). Vision goes beyond eyesight and can best be defined as the understanding of what is seen. Vision involves the ability to take incoming visual information, process that information and obtain meaning from it."***

● -Dr. Donald Getz, OD

### *We now offer the Senaptec App*

The Senaptec app provides remote access to the sensory training program. This subscription-based app can be used in your home or on the field.

#### How does it work?

The Senaptec App is portable training designed as an extension to the Senaptec Sensory Station. The Senaptec algorithm learns and adapts to help push people forward and achieve better results. We recommend a daily regimen of 10-15 minutes. As sensory skills improve, the Senaptec App will automatically increase the difficulty to continue honing these skills. Via a proctor portal, the app utilizes our secure cloud technology to manage data and to provide immediate comparative results, allowing you to fully manage your programs and progress.

#### App downloads and comparability

The Senaptec App is compatible with Apple and Android devices. On your tablet, download and install the Senaptec App from App Store or Google Play.

Some training modules require a smartphone connected to the tablet via Bluetooth. On your smartphone, download and install the Senaptec Remote App from the App Store or Google Play. The apps will connect seamlessly.

#### Custom Plan and Modules

The training/therapy plan is developed uniquely for each player and can include exercises from all Senaptec Sensory Station training modules.

#### Sport Specific Training Plans

- Baseball skills (specific to position) – Basketball - Football - Soccer - Hockey - Shooting - E-sport - Volleyball - Tennis

## 14 Modules

Eye Hand Coordination - Find and touch the targets quickly and accurately. Works on gross motor movement and accurate response.

Go / No-Go - **Touch the "Go" targets before they disappear but do not touch the "No-Go" targets. This requires quick decision making and swift movement.**

Dynamic Vision - Move your eyes to follow the target on the screen. This trains peripheral vision awareness and rapid eye movement.

Perception Training - Symbols appear briefly, requiring a person to quickly take in information in both central and **peripheral vision. This can help the brain's data collection and memory.**

Response Inhibition - Go targets and No-Go targets will appear momentarily in a single location. Touch the Go targets before they disappear but do not touch the No-Go targets. This trains rapid decision making and muscle response.

Spatial Memory - A set of targets will appear momentarily on the screen. Afterward, touch the screen in the locations the targets had appeared. This helps train spatial memory skills.

Spatial Sequence - A variation of spatial memory, in this module targets will appear and disappear sequentially. Touch the screen in the location and order the targets appeared.

Multiple Object Tracking (MOT) - The MOT skill in life often helps avoid collisions. Move a dot to avoid collisions with multiple objects that are moving around the screen.

Depth Perception - Challenges and trains judging depth at distance, either under time pressure or with unlimited time. Judging depth is fundamental for perceiving the world.

Near Far Shift - This module uses the Senaptec handheld remote and a screen at distance to train the eye muscles to rapidly shift focus and recognize details. Quick near far shift capability is important in all areas of life, from sports to driving to walking through a store.

Visual Search - Quickly find and touch the single target amongst the distractors. Search and find tasks are critical for success in most sports and real-world activities.

Tempo - Maintain rhythm by touching the target with each beat. This module is useful for training audio/visual correlation and anticipation timing.

Shape Cancellation - Find and touch all the targets but do not touch the distractors. This module helps assess for visual neglect issues.

Visual Motor Integration - Draw on the screen with your finger to repeat the pattern, either by tracing or looking at an adjacent shape. This training works on neuromotor skills and visual guided motion.

You can now purchase the Senaptec App from our website. For a limited time you can have the Senaptec App for your tablet for \$50 for 6 months. The regular price is \$60 for 6 months. This offer will expire November 30, 2020. When you purchase the app you will be sent a code to open the app. You will then be granted access to the app. Here is a link to purchase the app:

[Senaptec App Link](#)



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# The Senaptec Synchrony Pro

\$895.00

Anticipation timing is an essential skill you rely on every day. The simple act of catching a ball requires your eyes to track motion, your brain to judge distance, speed, and trajectory, and your muscles to move in time with the ball's arrival. The Senaptec Synchrony provides an effective and fun solution engineered to sharpen and refine these judgement calls - both in sport and in everyday life.

**Why go Pro?** The Synchrony Pro travels beyond the capabilities of the standard Synchrony, with the Proximity Sensor serving as the ticket to a personalized experience.

**The Senaptec Proximity Sensor** activates based on sound, motion, or breaking a light beam, delivering excellent accuracy and removing training limitations. To illustrate, a baseball player could activate the Senaptec Proximity Sensor when swinging a bat over the device. The result? A breakthrough experience that allows the user to train their anticipatory response while performing the action using their tools for competition. The Senaptec Synchrony is a brand-new, patented technology designed to train eye-hand timing, responsiveness, and accurate judgment of moving objects; the Senaptec Synchrony uses LED lights to simulate motion. The device is controlled with your own Android smartphone or tablet with the Synchrony App, a free download from the GooglePlay Store. Each module is customizable to create individual programming. After each session, a detailed performance scorecard is generated. Additional triggers and LED extensions are available for purchase to further tailor to your needs.



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