

Cyber Scope User Guide

For the patent pending Cyber Scope

Design and assembled in the USA, of parts domestic and foreign

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1 Congratulations on your purchase

Thank you so much for purchasing the Cyber Scope by Cyber Archery. Archery is our passion. This scope is the fruition of several years of development, and we're thrilled to put it in your hands. Designed and assembled in the United States, in Minnesota, using both domestic and foreign components, the Cyber Scope represents our commitment to quality and innovation in archery equipment. If you have any questions, feedback, or need support, you can reach a real person directly at support@cyberarchery.com. We genuinely appreciate your business and hope the Cyber Scope serves you well in the field or on the range.

2 Safety & Disclaimers

© 2026 Cyber Archery: All rights reserved. Under copyright laws, this manual may not be copied, in whole or in part, without the written consent of Cyber Archery. Cyber Archery reserves the right to change or improve its products and to make changes in the content of this manual without obligation to notify any person or organization of such changes or improvements. Go to cyberarchery.com for current updates and supplemental information concerning the use of this product.

WARNING: This product is designed for use on compound bows. Archery involves inherent risks of injury. The user assumes all responsibility for safe handling and operation.

Installation: We recommend professional installation by a qualified archery pro shop to ensure proper mounting, alignment, and safe operation.

Arrow Clearance: Always ensure sufficient clearance exists between arrow vanes and the sight housing. Without adequate clearance, vanes may contact the housing, resulting in damage to equipment and/or an erratic shot that may cause injury.

Maintenance: Inspect all fasteners before each use. Ensure mounting hardware remains properly torqued. We recommend the use of blue Loctite (medium strength, removable) on all mounting screws to prevent loosening from vibration during use and transportation.

Safe Handling: Inexperienced archers and individuals under 18 years of age should only use archery equipment under direct supervision of an adult experienced in safe archery practices. Always follow safe archery practices. Never aim a bow at any person. These instructions do not substitute for proper archery education and training. Always understand your target and what lies beyond it.

Liability: Cyber Archery is not liable for any direct, indirect, incidental, or consequential damages arising from the use, misuse, improper installation, or inability to use this product. In no event shall Cyber Archery's total liability exceed the original purchase price of the product.

Charging Cable Hazard: The magnetic charging cable can short circuit if the connector contacts metal objects or liquids. Always unplug the cable from the charger or power source and safely store the cable when not in use. Only use USB compliant chargers.

California Proposition 65 Warning: This product contains materials, including anodized aluminum, that may expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, visit www.P65warnings.ca.gov.

Limited Lifetime Warranty: Cyber Archery warrants this product to the original purchaser against defects in materials and workmanship for the entire active lifetime of the product. This warranty does not cover damage caused by misuse, improper installation, unauthorized modifications, normal wear, use of non-approved accessories, or failure to follow instructions. Wireless connectivity features are supported as long as compatible technology remains commercially available. To make a warranty claim, contact Cyber Archery with proof of purchase. Cyber Archery's liability is limited to repair or replacement of the product at our discretion.

Visit cyberarchery.com or the Cyber Archery YouTube channel at youtube.com/@CyberArchery for setup tutorials and product videos.

3 Instructions

These are the instructions for using the Cyber Scope by Cyber Archery. Whether you are hunting, target shooting, or shooting 3D courses, the patent pending Cyber Scope has you covered.

3.1 Power Management

Powering On: Press the center button on the scope to power on. The Alignment Ring will brighten with a green light. In a clockwise direction, starting at 12 o'clock, the green light indicates current battery status (full ring = 100%, half ring = 50%). If the battery is below 20%, the Alignment Ring will not brighten with a green light. Instead, the bubble LED will blink several times to indicate low battery.

Powering Off: When on, press the center button on the scope to power off. The Alignment Ring will brighten with a green light, then fade to off. The green light indicates current battery status. Powering off manually disables Auto Wake until the scope is powered on again, and is recommended when traveling by motor vehicle or walking out to a hunting stand.

Auto Wake: The scope automatically powers on when movement is detected, such as lifting the bow, so long as the user did not disable this function by manually powering off the scope.

Auto Sleep: After 10 seconds of inactivity, the scope turns off the LEDs and enters a low-power state. This conserves battery when not in use without requiring manual power management. On very windy days, depending on your bow holder, and also when traveling by vehicle or hiking to a hunting stand, the Auto Sleep may not function due to too much motion. In such situations it is recommended that the scope be manually powered off to conserve battery life.

3.2 Battery & Charging

Battery Status: Current battery level displays on the Alignment Ring each time the scope powers on (full ring = 100%, half ring = 50%). At 20% capacity, while the scope is on and awake, the bubble spotlight blinks once per minute as a low-battery indication, even if the spotlight is otherwise disabled. The scope powers off automatically at 10% capacity to conserve battery life.

Charging: Connect the included USB cable to any standard 5V USB power source. The magnetic connector attaches to the top of the scope (the end facing the target) and self-oriens magnetically and snaps into place. A typical charge takes less than one hour. Charge only while attended.

If the scope is powered off: A blinking blue pattern appears on the Alignment Ring during charging. When fully charged, the blue light turns off.

Disabling charging blinking blue pattern: If you wish to disable the blinking blue pattern while charging, simply remove the cable briefly from the scope, then reattach.

Reenabling charging blinking blue pattern: To enable the blinking blue pattern while charging after disabling, simply push the center button.

If the scope is powered on: A brief white pattern appears on the Alignment Ring, then the scope returns to normal operation. To check charge status in this mode, power cycle the scope. The scope does not indicate charging completion while powered on--power cycle to check battery status.

Charging Temperature: For optimal battery longevity, charge between 32°F and 90°F. Do not charge below 32°F, as this may permanently reduce battery capacity. Do not charge above 113°F. Never charge inside a vehicle left in direct sunlight.

Charging location: Never charge near water or metallic objects, such as a metal surface, near metallic coffee cups, metallic bowls, metallic water cups, refrigerators, etc.

Charging Cable: The connector is keyed to this product. Use only cables obtained from Cyber Archery to avoid damage to the charging port. Using non-approved or incorrectly keyed cables may cause overheating, fire, or permanent damage to the scope, and will void your warranty. Additional cables are available at cyberarchery.com.

Charging Cable Storage Warning: Always unplug the cable from the charger or power source and safely store the cable when not in use. The magnetic connector can attach to metal objects and cause a short circuit, potentially resulting in damage or fire.

4 Configuring Scope

4.1 3-button configuration

The **Cyber Scope** can be configured two ways: wirelessly through the **Cyber Shot** app, or directly on the scope using the 3-button interface on top of the housing.

The **Cyber Shot** app is available on the Google Play Store (Android) and the Apple App Store (iOS). Search for "Cyber Shot" by Cyber Archery. The app allows you to explore and adjust settings more quickly than the 3-button interface. It also allows you to wirelessly install updates to the Cyber Scope itself--meaning your scope gets new

features and improvements over time, just like your phone. Keep the app updated, as unannounced features will be released soon.

The 3-button interface covered in this section gives you full configuration capability without a phone--worth learning for field use.

4.2 Configuration Definitions

This section defines necessary terminology for Configuring the Cyber Scope.

Ring Background

Ring Background Color: The Ring Background Color for visibility and peep alignment. This is always visible and serves as your reference ring.

Ring Background Brightness: May be set to off (Brightness : 0) in which case the Ring Background Color will be white without any back lighting.

Ring Level

Ring Level Color: The color displayed in the ring when the bow is level. Overrides the Ring Background Color when level is detected.

Ring Level Brightness: May be the same color as Ring Background Color. Also it may be set at the same or at a different intensity. May also be set to off (Brightness : 0).

Ring Out-of-Level

Ring Out-of-level Color: The color displayed in the ring when the bow is not level. Overrides the Ring Background Color when tilt is detected.

Ring Out-of-Level Brightness: May be the same color as background but at a different intensity. May also be set to off (Brightness : 0).

Colors

Color Options: Available colors cycle in this order: Red -> Green -> Blue -> Orange -> Yellow -> Magenta -> Pink -> White. Right button advances forward; left button cycles in reverse.

Ring Level Sensitivity

Ring Level Sensitivity: Controls how much tilt is required before switching from level to out-of-level indication. Higher sensitivity detects smaller deviations, and is akin to putting Pinstripe thin tape between the silkscreen lines on an analog bubble level. Lower sensitivity is akin to a bubble level with a small bubble.

Ring Level Modes

Ring Level Mode: Determines how the Alignment Ring visually indicates tilt direction. Three modes available:

Split: LEDs at top and bottom travel around the ring to show correction direction. LEDs shifted left indicates a need to tilt counter-clockwise to reduce bow cant. LEDs shift right = tilt clockwise to reduce bow cant. See *Table 7* below.

Simple: One side of the ring lights up to show which direction to tilt. Right side lit = tilt clockwise. Left side lit = tilt counter-clockwise. See *Table 7* below.

Glide: LEDs behave like a bubble level. The lit LEDs "rise" to the high side: if you need to rotate clockwise to eliminate bow cant, the right LED sits above horizontal while the left LED sits below. See *Table 7* below.

4.3 Cyber Scope 3-button Configuration Details

The Cyber Scope can also be configured with a phone application wirelessly. **Cyber Shot** is available for download on the Google Play Store (Android) and the Apple App Store (iOS). Search for "Cyber Shot" by **Cyber Archery**.

However, this section covers configuration using the 3-button configuration interface on the Cyber Scope. Becoming familiar with the 3-button configuration is useful in cases where your phone might not be available.

4.3.1 Configuration sequence

When the Cyber Scope is on, press and hold the center button for at least 5 seconds to enter configuration mode. Each setting can be controlled by pressing either the right button to advance or increase, or the left button to reverse or decrease. At any time, press and hold the center button for 5 seconds to save and exit.

After configuring a setting to your liking, press the center button to advance to the next configuration option.

Bubble Brightness: The LED spotlight for the bubble illuminates at default brightness (5). Use left/right buttons to adjust (0–10). Some users who use the scope Alignment Ring for level indication prefer to disable this with a setting of 0.

Pin Tip Brightness: LED spotlights are angled to illuminate the visible end of the Pin fiber. Use left/right buttons to adjust (0–10). This is a low contrast mode, and is preferable for most people with astigmatism who experience starburst effect with Fiber Glow Mode. The Pin Tip Mode also allows for dimmer settings in low light conditions. Due to the nature of angled LED spotlights, this mode is best with a centered Single-Pin configuration. If using Multi-Pin you may want to experiment with fiber color versus pin position as well as bubble illumination, as the brightness of the light varies due to illumination cone patterns and spotlight locations.

Fiber Glow Brightness: LEDs illuminate fiber transversely inside housing. Use left/right buttons to adjust (0–10). This is a higher contrast mode compared to Pin Tip Mode, and allows for a brighter setting and greater contrast in bright daylight conditions, or for people who prefer a sharper well-defined fiber tip. This adjustment works equally well for Single-Pin or Multi-Pin configurations, with pins at any location. In no pin / lens only configurations, it is recommended to turn off fiber glow brightness to extend battery life.

Ring Background Color: The full ring blinking with a solid color indicates the scope is in the Ring Background Color select mode. Use left/right buttons to cycle through colors. The selectable colors are illustrated in *Table 1* below, and are selected with the left and right buttons when the background is blinking.

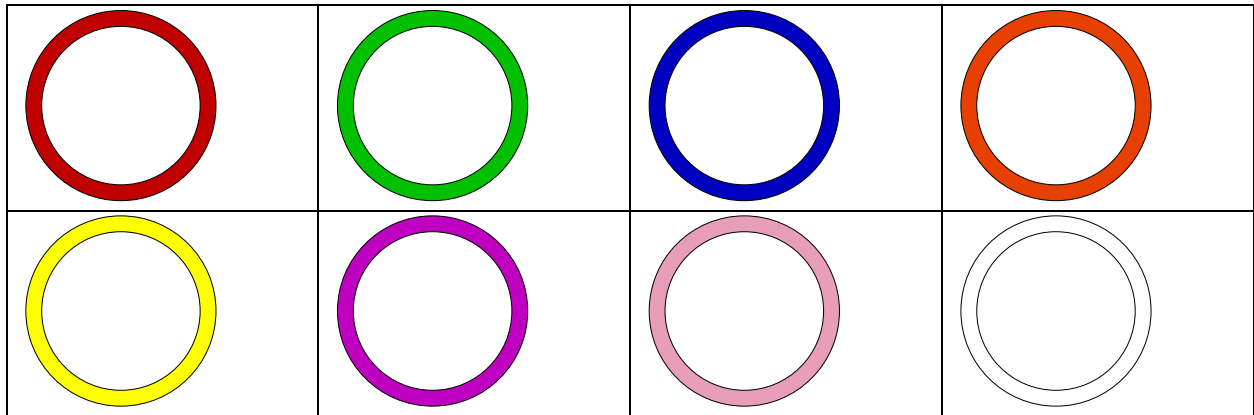


Table 1: Blinking full ring Left and Right Buttons Selects Color

Ring Background Brightness: The full ring with solid non-blinking color indicates the scope is in the Ring Background Color brightness select mode. Use the left/right buttons to adjust (0–10), with a default brightness of 5. Red and blue Ring Background Colors are illustrated in *Table 2* and *Table 3* below.

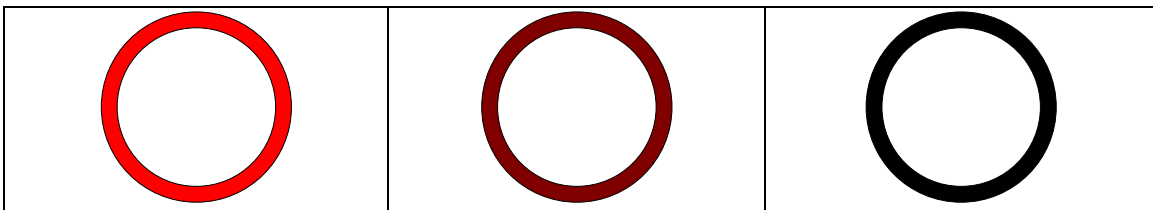


Table 2: Solid full ring Left and Right Buttons Select Brightness (Red assumed here)

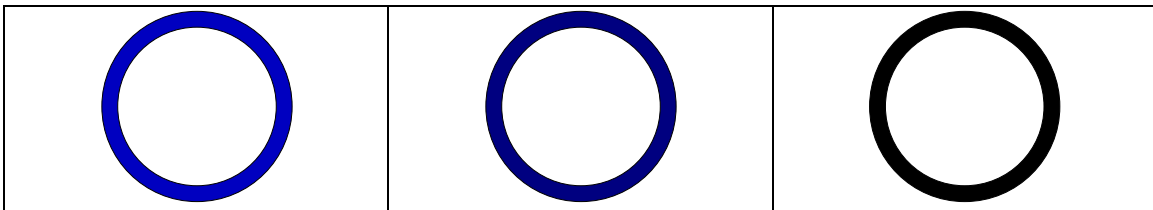


Table 3: Solid full ring Left and Right Buttons Select Brightness (Blue assumed here)

Ring Level Color: Ring blinks at 3:00 and 9:00 positions, as illustrated in *Table 4* below. Use left/right buttons to cycle through colors (see Color Options).

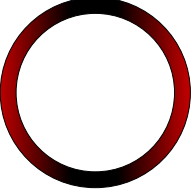
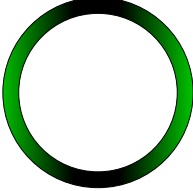
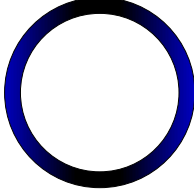
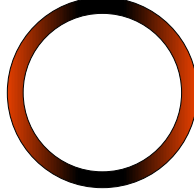
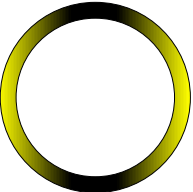
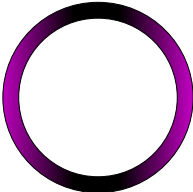
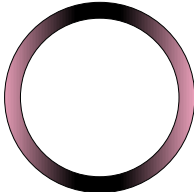
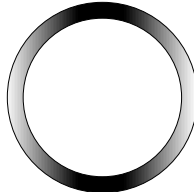
			
Red	Green	Blue	Orange
			
Yellow	Magenta	Pink	White

Table 4: Blinking 3/9 position Left and Right Selects Color

Ring Level Brightness: Ring glows solid at 3:00 and 9:00 positions at default brightness (5), as illustrated in *Table 5*. Use left/right buttons to adjust (0–10).

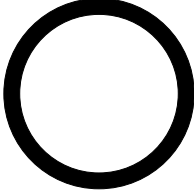
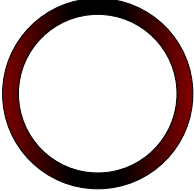
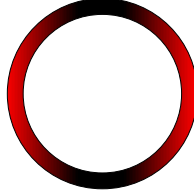
		
Off	Dim	Bright

Table 5: Solid 3/9 position Left and Right Selects Brightness (Red assumed Here)

Ring Out-of-Level Color: Ring blinks at NE, NW, SE, SW positions as illustrated in *Table 6*. Use left/right buttons to cycle through colors (see Color Options).

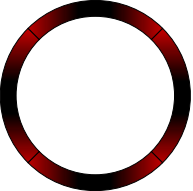
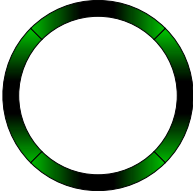
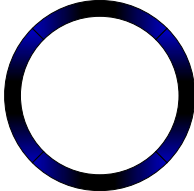
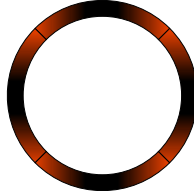
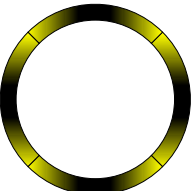
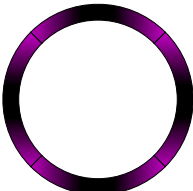
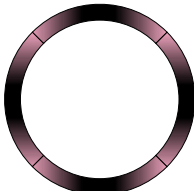
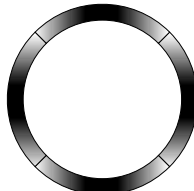
			
Red	Green	Blue	Orange
			
Yellow	Magenta	Pink	White

Table 6: Blinking NE/NW/SE/SW Out-of-Level Indicator Left and Right Selects Color

Ring Out-of-Level Brightness: Ring glows solid at NE, NW, SE, SW positions at default brightness (5). Use left/right buttons to adjust (0–10).

Ring Level Sensitivity: Alignment Ring displays magenta arc or circle. Clockwise from 12 o'clock, the arc length indicates sensitivity level (Currently 12 levels; full ring = maximum sensitivity). Use left/right buttons to adjust.

Ring Level Mode: Ring displays mode indicator pattern. Use left/right buttons to select among Split (10:30 and 7:30), Simple (9:00), or Glide (10:30 and 4:30) modes. See **Table 7** for illustration.

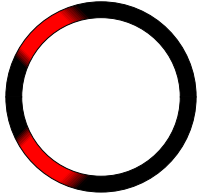
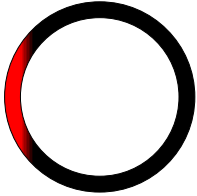
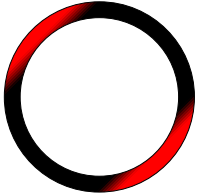
		
Split Mode	Simple Mode	Glide Mode

Table 7: Level indication modes

4.3.2 Configuration Display Reference

Display	Setting
Bubble LED	Bubble Brightness
Pin Tip LED	Pin Tip Brightness
Fiber Glow LEDs	Fiber Glow Brightness
Blinking Full ring	Ring Background Color
Solid Full Ring	Ring Background Brightness
Blinking 3 and 9	Ring Level Color
Solid 3 and 9	Ring Level Brightness
Blinking NE, NW, SE, SW	Ring Out-of-Level Color
Solid NE, NW, SE, SW	Ring Out-of-Level Brightness
Magenta Arc (12 levels)	Ring Level Sensitivity
Mode indicator pattern	Ring Level Mode

Table 8: Configuration display reference

4.3.3 Quick Brightness Configuration Changes via 3-button interface

If you have not enabled auto-brightness, quick changes to ring and pin tip / fiber glow brightness can be made via the left and right buttons.

Ring Brightness: After configuration and with auto-brightness disabled, long presses of the right button will increase the ring brightness. Long presses of the left button will decrease ring brightness. If either button is continuously held the brightness will increase or decrease. Note that you cannot turn the ring brightness to off in this mode.

Pin tip / fiber glow brightness: Likewise, quick presses of the right button will increase the pin tip/fiber glow brightness. Quick presses of the left button will decrease the pin tip/fiber glow brightness. Note that you cannot turn the pin tip / fiber glow brightness to off in this mode.

4.3.4 Auto Brightness

Ambient light levels change constantly--rapidly near dusk and dawn, gradually as weather shifts, and dramatically as you move between shade and open sun. Auto Brightness automatically adjusts the intensity of the Alignment Ring, Pin, and Fiber LEDs to match current ambient lighting conditions. When it is bright, the illumination gets brighter. When ambient light levels drop--overcast skies, fog, or approaching dusk--the illumination dims accordingly.

For hunters, this matters. When a shot presents itself after hours of waiting in a saddle or stand, your eyesight won't be shocked by bright fibers against a dim target downrange. You won't need to reach for the scope and fumble with buttons--especially with cold, gloved hands. That movement risks noise and being spotted by game at the worst possible moment. Combined with Auto Wake and Auto Sleep, the scope manages itself all day: it sleeps while your bow hangs on the hanger, wakes when you lift it, and is already at the right brightness for current conditions. No buttons touched.

For 3D and walking courses, Auto Brightness handles the constant transitions between shaded woods and sunny stations without stopping to adjust between each target.

To enable Auto Brightness: with the scope on, press and hold the left button, then press the right button and release both. To disable, repeat the sequence, power off, and power back on. Auto Brightness can also be enabled or disabled through the Cyber Shot app, available on the Google Play Store (Android) and the Apple App Store (iOS).

4.4 Application Configuration

Cyber Shot, an Android or iOS application is available on the Google Play Store and Apple App Store. The application is intuitive but is subject to change based on feedback. It will allow you to more rapidly explore trade-offs in the various settings than the 3-button interface. The 3-button configuration interface discussed previously is important to learn in case you are ever in the field without your phone, however.

Google Play: <https://play.google.com/store/apps/details?id=com.cyberarchery.cybershot>

Apple App Store: <https://apps.apple.com/ca/app/cyber-shot/id6757923435>

4.4.1 Pairing to the phone application

To enter pairing mode on the Cyber Scope, first power it up by pressing the center button. Then press in sequence the left, middle, and right buttons without releasing any of the buttons. Once all three buttons are pressed, release them. The ring will generate a blue pattern indicating it is ready to pair. After pairing with the application, you can give your Cyber Scope a unique name.

After you configure the Cyber Scope via the application, and exit from the application, you will be able to reconnect with the scope again, even if it goes auto-off. To disable the Cyber Scope's wireless, power it off with the center button. The next time you power up the Cyber Scope, it will not connect with the application until you perform the three-button pairing sequence described earlier.

5 Suggested presets

The Cyber Scope offers extensive configurability. These presets provide recommended starting points for common shooting scenarios--adjust to your preference.

5.1 Fiber color

Green fiber offers good visibility across varied backgrounds—it stands out against dark brown/black targets while remaining visible on lighter tan targets.

5.2 Auto Brightness

Auto brightness is often used for 3D courses since lighting changes frequently as you move between stations. However, manual brightness is also frequently used, so the choice is yours.

5.3 Manual brightness

Adjust Pin brightness down if shooting early morning or late afternoon courses to match Ring Background Brightness.

5.4 Out-of-level Alignment Ring indication

Orange out-of-level provides contrast against green without the intensity of red. Moderate brightness settings prevent washout on bright targets while remaining visible in shaded conditions.

5.5 Number of Pins

When hunting, and with adjustable sight bar, use your preferred number of Pins. Each Pin is adjustable. Some hunters like to set their Pins for 20, 40, 50 yards. With Multi-Pin, the Pin Adapter should be inserted so that the Pins are in the horizontal orientation so that the Pin fibers are aligned vertically.

5.6 Fiber Glow Mode:

Use Fiber Glow Mode if you use Multi-Pin and want the most consistent Pin brightness across all Pins. Also use if you want the fiber Pins at their absolute brightest whether it is Single-Pin or Multi-Pin modes.

5.7 Fiber Tip Mode:

Use Fiber Tip Mode if you experience starburst effect, prefer lower contrast, or want very dim illumination while hunting near dusk or dawn. Works best with Single-Pin mode. In Multi-Pin mode you may have to experiment with Pin fiber color stack up due to uneven illumination in Fiber Tip Mode.

5.8 Using a Lens with Pin

When using both a magnifying lens and Pin, the Pin is positioned in front of the lens (between the lens and the archer). This keeps the Pin and Pin fiber sharp since they are not being viewed through the magnifying lens. Shooters with astigmatism particularly benefit from this configuration--the lens won't amplify any starburst or halo effect on the Pin. However, Fiber Glow Mode is recommended. The transverse illumination provides consistent Pin visibility without the shadowing or lens starburst effect that can occur with Fiber Tip Mode's spotlight LEDs.

5.9 Hunting near dusk and dawn

This setting is preferred by one member of the Cyber Archery team for hunting deer from a saddle in cloudy northern climates like MN, for rapidly changing low-light conditions near dusk, where preserving vision adaptation is important.

Setting	Color	Brightness
Background	Red	2
Level Indicator	Red	1
Out-of-level Indicator	Red	3
Pin illumination	Red Fiber / Fiber Glow Mode or Red Fiber / Fiber Tip Mode	1 1-2

Setting	Color	Brightness
Level Mode	User preference	N/A
Bubble level illumination	N/A	0 (off)
Auto brightness		Off

Table 9: Starting point for changing low-light conditions

From what we understand, private airplane pilots use red light while flying at night because it minimizes disruption to eyesight as they adjust between light and dark. The brightness levels above provide subtle differentiation. The level indicator being slightly dimmer than the background is least intrusive when on target. The brighter than background out-of-level draws subtle attention to bow cant. However, the end user should experiment in worst case expected lighting conditions to see if they like this setting; not everybody does. This setting may not be suitable in bright daylight conditions when the Cyber Scope is not in the shade of clouds or trees.

5.10 Indoor Target Shooting

Indoor ranges typically have controlled but sometimes inconsistent fluorescent or LED lighting compared to outdoor conditions. Fiber optics struggle to gather ambient light indoors, making the transverse illuminated fiber Pins essential for consistent brightness from lane to lane. Target archers generally prefer a Single-Pin or a Pin in front of the lens for higher contrast and sharper Pin definition for precision at fixed distances.

5.11 Minimalist Preset Indoor

This distraction-free approach shows feedback only when out of level. It is useful when the ambient light highlights the white Alignment Ring adequately. When level, the shooter sees only the Pin, ambient light Alignment Ring, and target.

Setting	Color	Brightness
Background	N/A	0 (off)
Level Indicator	N/A	0 (off)
Out-of-level Indicator	Red	4
Pin illumination	User preference	1
Level Mode	User preference	N/A
Bubble level illumination	N/A	0 (Off)
Auto brightness	N/A	Off

Table 10: Minimalist example

5.12 Full Feedback preset

Setting	Color	Brightness
Background	Green	4
Level	Green	5
Out-of-level	Red	5
Pin illumination Fiber Glow Mode	User preference	5-7
Level Mode	User preference	N/A
Bubble level illumination	N/A	0-3

Auto brightness	N/A	Off
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Table 11: Full feedback example

Green is the most visible fiber color for most shooters and performs well under artificial lighting. The higher Pin brightness compensates for limited ambient light while Fiber Glow Mode provides the sharp, well-defined dot that many target archers prefer. The distinct red out-of-level indicator provides immediate feedback on bow cant. Bubble level illumination is optional--some target shooters prefer to rely solely on the Alignment Ring for level indication, others solely on the bubble level.

5.13 Outdoor 3D / Walking course

3D courses present varied lighting conditions--from bright sunny days to shaded forest—and targets at multiple distances with different colored backgrounds. Visibility must work across light and dark target faces without being overly bright on sunny exposures.

5.14 Minimalist Preset Outdoor

Try the same distraction-free philosophy as indoor target, but with auto brightness enabled, and no lens. Use 1 Pin alone with adjustable sight bar / tape. Preferred settings will depend on ambient lighting conditions and user preferences. E.g., sunny mid-day shooting may result in a different preset than late afternoon shooting on a cloudy day. Consequently, some user experimentation may be required. To conserve battery for long shooting sessions it is advisable to not make the Alignment Ring too bright if you can see the Alignment Ring without backlighting. It may also be advisable to power down the scope when walking long distances between targets. Lastly, if you have a USB power bank it may be advisable to bring it along if the settings you prefer result in the battery losing its energy quicker.

6 Glossary

Term	Description
Alignment Ring:	The ring around the scope housing that displays Ring Background Color, level indication, and out-of-level indication.
Auto Brightness:	Mode that automatically adjusts LED brightness based on ambient lighting conditions.
Auto Sleep:	Feature that puts the scope into a low power mode after 10 seconds of inactivity to conserve battery.
Auto Wake:	Feature that automatically wakes the scope from Auto Sleep when movement is detected.
Bubble Spotlight:	LED that illuminates the bubble level.
Fiber:	Optical fibers that route through the fiber channel on the Pin Assembly and terminate at the Pin, providing the illuminated aiming point.
Fiber Glow Mode:	Illumination mode using transverse LEDs inside the housing for brighter, higher-contrast pin visibility. Equally effective for Single-Pin or Multi-Pin configurations.
Fiber Sleeve:	Translucent component that holds one or more individual fibers within the Pin Adapter's fiber channel. Individual fibers in the Fiber Sleeve are routed to individual Pins.
Fiber Spotlight:	LEDs that illuminate the centered fiber tip and other nearby pins in Multi-Pin configuration.
Fiber Tip Mode:	Illumination mode using angled Fiber Spotlight LEDs to illuminate the visible end of the pin fiber. Provides lower contrast and works best with centered Single-Pin configurations. Preferable for many users with astigmatism who experience starburst effect.

Term	Description
Lens Holder:	The circular component that is able to hold a lens and lens spacers. If no lens is desired, the Lens Holder functions as a simple spacer between the Pin Assembly and the Light Baffle.
Level Sensitivity:	Setting that determines how much tilt is required before switching from level to out-of-level indication. Higher sensitivity detects smaller deviations.
Level Mode:	The visual pattern used to dynamically indicate tilt direction. Three modes available: Split, Simple, or Glide mode.
Light Baffle:	The toolless, keyed component that retains the Lens Holder and Pin Assembly inside the scope housing.
Peep:	The small aperture in the bowstring through which the archer views the scope for alignment. Note that the Peep is not included with scope.
Pin:	The adjustable aiming component that is mounted to the Pin Adapter.
Pin Adapter:	The keyed component that holds one or more Pins and routes one or more fibers.
Pin Assembly:	The keyed component comprised of a Pin Adapter, one or more Pins, a Fiber Sleeve, and one fiber per Pin.

Table 12: Terms

7 Manual Updates

Get the latest manual: As a new product with features not fully described, this manual may be updated in the future. For the latest version of the manual please see <https://cyberarchery.com/manuals>

8 Miscellaneous

This section contains miscellaneous information.

8.1 Third party trademarks

All third-party trademarks referenced are the property of their respective owners. Cyber Archery is not affiliated with, endorsed by, or sponsored by any of these trademark holders. Third-party names are used solely to indicate product compatibility.

8.2 Hunting

Cyber Archery supports hunting regulations to manage big game and ensure fair chase. Laws and regulations vary by state, and are defined by the governments and natural resources departments of those states. Always check the hunting regulations in your state to make sure all of your hunting equipment complies with the regulations. When reviewing your state's regulations, the Cyber Scope has three features you should verify against your state's rules:

- **Illuminated Pins and Alignment Ring:** The Cyber Scope uses battery-powered LEDs to illuminate the fiber optic aiming pins and the alignment ring. Some states prohibit lighted sight pins, electronic sight lights, or battery-powered devices attached to a bow during archery season. This is the same regulatory category as aftermarket sight light kits sold by other manufacturers. Many states--roughly 35 to 40--explicitly permit illuminated pins and electronic sight lights. Consult your local regulations.
- **Magnification:** The Cyber Scope accepts an optional magnifying lens, but the scope itself does not magnify. If you choose to install a magnifying lens, check whether your state permits magnifying sights during the season you are hunting. Some states allow magnification during general seasons but prohibit it during archery-only seasons. Consult your regulations.
- **Electronic Level Indication:** The Cyber Scope includes an electronic level displayed on the alignment ring. In states that use broad language prohibiting any electronic device on a bow, this feature may be

subject to that prohibition even if lighted pins are permitted. The electronic level can be fully disabled through the Cyber Scope's configuration, leaving the traditional bubble level as your sole level reference. However, in states that prohibit electronic devices on the bow entirely, disabling a feature does not change the fact that the device is attached. Consult your regulations.

Regulations change from year to year. Always consult the current edition of your state's hunting regulations before each season.

8.2.1 Reasonable Accommodation for Visual Impairment

Many states with restrictions offer accommodation permits for hunters with physical or visual disabilities. If you have a condition that affects your ability to use passive (non-illuminated) sights--astigmatism, reduced low-light visual acuity, age related vision decline, or cataracts--you may qualify for a permit or special accommodation that allows the use of electronic sighting aids that would otherwise be prohibited. The process varies by state but typically involves:

- Obtaining certification from your physician, optometrist, or nurse practitioner describing the condition that limits your ability to hunt with standard equipment.
- Submitting an application to your state's fish and game agency, often available at regional offices or on their website.
- Receiving a permit specifying the equipment accommodations authorized.

Consult hunting regulations for details on eligibility, the application process, and what accommodations are available. Your eye care provider can help you determine whether your condition qualifies.

8.2.2 Supporting Modernized Regulations

The Cyber Scope's illuminated alignment ring and pin illumination do not extend a hunter's effective range. Our opinion is that they do not encourage unethical shots nor do they help locate or attract game. What they do is help the hunter execute a precise, ethical shot at legal shooting times at distances they have already practiced at by providing a clearly visible aiming reference and immediate feedback on bow cant in a wide variety of lighting conditions (overcast, near dusk or dawn, etc.)

A hunter who can clearly see their pin and confirm their bow is level is more likely to make a clean, lethal shot and less likely to wound an animal that escapes and is never recovered. Wounding loss is a wildlife management concern that every state fish and game agency works to minimize, and one that we share. Illuminated pins and alignment rings on the Cyber Scope directly support ethical shots.

Approximately 35 to 40 states already permit lighted pins and electronic sight lights on bows during archery season. If your state does not, and you believe the regulations should be updated, consider participating in the process:

- Attend public hearings. Most state fish and game commissions hold public hearings before setting annual seasons and rules. Your testimony matters.
- Submit public comments. Many states accept written comments during rulemaking periods. Check your state agency's website for open comment periods.
- Contact your commissioners. Fish and game commissioners are appointed to represent hunters. Let them know that illuminated sighting aids improve shot quality and harvest percentages without giving the hunter any advantage over the animal.
- Connect with organizations. The Archery Trade Association (ATA) and state-level archery organizations actively work on equipment regulation issues. Your voice adds to theirs.

The conversation around hunting technology is ongoing in every state. Hunters who participate in that process shape the outcome.

8.3 Revision History

Revision	Date	Changes
1.0	January 1, 2026	Initial Release
1.1	February 20, 2026	Added information about quick configuration, as well as information about the Cyber Shot application available on Google Play Store, and Apple Play Store.
1.2	February 26, 2026	Updated Miscellanea
1.3	March 6, 2026	Copyright and patent pending notices, other minor additions.