

1998 **CELESTRON**

Binoculars & Spotting Scopes



ABOUT CELESTRON INTERNATIONAL

Celestron defines the cutting edge where superior optics and design, new technology and old fashioned values merge. The result is innovation built on a solid foundation. Honesty, integrity and fairness aren't mere words at Celestron. They are the core of our approach to business, realized in a full line of high quality products, in strong customer service, and in tough quality standards.

Celestron means first-rate designs and craftsmanship that will eclipse your expectations. In business for over forty years, Celestron is one of the world's leading manufacturers of astronomical telescopes. We've earned a well deserved reputation for providing affordable optical excellence. In keeping with this reputation, we offer only binoculars and spotting scopes manufactured to meet our rigorous standards.

Celestron optical instruments deliver excellent resolution and contrast, and are individually collimated (tested) on a precision laser collimator. Our binoculars and spotting scopes combine the highest quality precision optics and most modern, user-oriented design features to produce visual instruments that perform exquisitely. Celestron's instruments offer versatility in viewing and photographing any subject that interests you, be it a sporting event, wildlife, scenic views in nature — even the far reaches of the night sky.

WHICH BINOCULAR OR SPOTTING SCOPE IS BEST FOR YOU?

Celestron offers binoculars and spotting scopes suited for a wide variety of uses — astronomy, backpacking, birding, boating, camping, concerts, fishing, flying, hiking, hunting, long distance observing, museum visits, nature study, sporting events, surveillance, target shooting, theater/opera, travel, view home applications and more. Whatever your optical needs may be, Celestron has a binocular or spotting scope that's right for you.

Celestron's line of binoculars includes a complete range of sizes from the compact and lightweight Mini Series, all the way up to the impressive 20 power Giant Series. Our line of spotting scopes is equally versatile, with models ranging from a compact and extremely portable 30mm unit up to the powerful 5" diameter, 127mm C5 Spotting Scope. In addition, many of Celestron's large aperture telescopes can be used as spotting scopes when high-power viewing is desired, including the CG-14 telescope, at 14" in diameter. Please see Celestron's Telescope catalog for more information.

It's not possible to label individual binoculars or spotting scopes as the best for any particular use or situation due to variables such as usage conditions, individual preference, how and where the instrument will be used, and the range of different viewing situations the instrument will be used for. Only you can determine what will be the best, most versatile and satisfactory optical instrument for you, and you shouldn't be discouraged from any choice you make, because you know your own needs and interests. We encourage you to look through this catalog at the different models, then ask your Celestron dealer for a demonstration. Whichever Celestron product you choose, rest assured that you'll receive excellent value for your investment.

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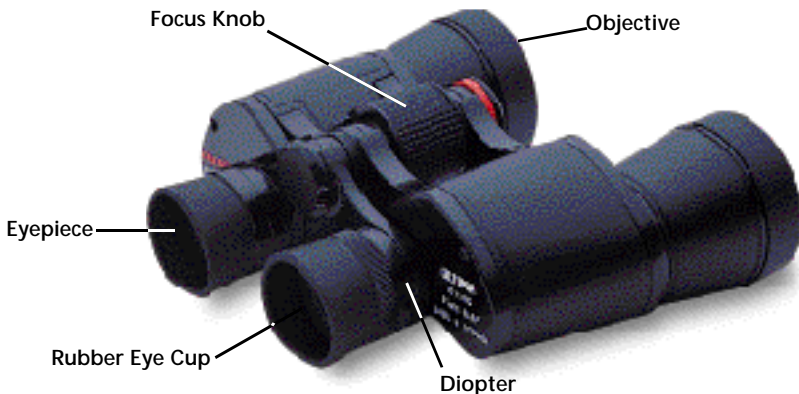
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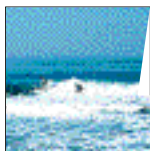
CONSIDERATIONS IN CHOOSING BINOCULARS

The brilliance and sharpness of the image you see through a particular binocular or spotting scope is determined by a number of different factors, including the interaction of these factors. Magnification, optical coatings and lens diameter are just a few of the factors influencing how a binocular performs.

However, the single most important criterion in performance will always be the quality of the optics. Celestron delivers optical excellence through careful consideration of quality in the glass and lens coatings used, precision manufacturing processes, and uncompromising quality control.

Please consider the following factors when choosing a Celestron binocular.

MAGNIFICATION (POWER)



1x
(unaided eye)

Magnification is the degree to which the object being viewed is enlarged. For example, with a 7x42 binocular, the number 7 represents the “binocular power”. A binocular of the power 7 magnifies an image to seven times the size it would be when viewed by the normal, unaided human eye. The level of power affects the brightness of an image, so the lower the power of a binocular, the brighter the image it will deliver. In general, increasing power will reduce both field of view and eye relief, which are also discussed here.



7x



8x



10x



15x

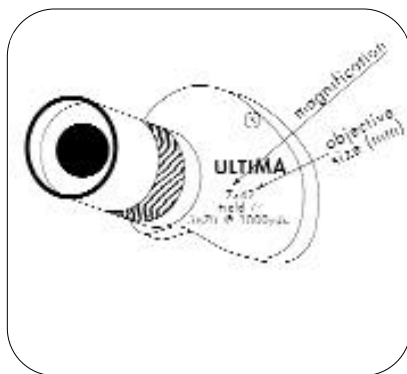


20x

DIAMETER (OBJECTIVE)

The objective lenses of binoculars are the front lenses. The diameter of one of these lenses, given in millimeters, will be the second number describing a particular binocular. Hence, a 7x42 binocular has an objective lens of 42mm. The diameter of the lens determines the light gathering ability of the instrument, with the greater light gathering ability of a larger lens translating into greater detail and image clarity. This is especially useful in low light conditions and at night.

Doubling the size of the objective lenses quadruples the light gathering ability of the binocular. For instance, a 7x50 binocular has almost twice the light gathering ability of a 7x35 binocular and four times the light gathering ability of a 7x25 binocular. This might lead you to assume that bigger is better when it comes to the diameter size of the objective lenses, but in reality, the size of the lens must be considered along with exit pupil and intended usage to determine the best binocular for you.

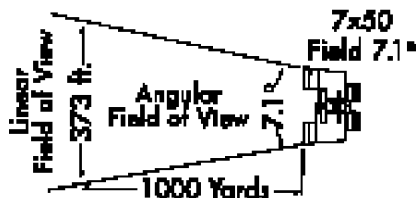


FIELD OF VIEW

The size of the area that can be seen while looking through a pair of binoculars is referred to as the field of view. The angular field of view is indicated on the outside of the binocular, in degrees. The linear field of view refers to the area that can be observed at 1,000 yards, and is expressed in feet. A larger field of view translates to a larger area seen through the binocular.

Field of view is related to magnification, with greater magnification creating a smaller field of view, in general. A large field of view is especially desirable in situations where the object viewed is likely to move, or when the user is moving.

You can use angular field to calculate the linear field by multiplying the angular field by 52.5. For example, if the angular field of a particular binocular is 8° , then the linear field will be 420 feet, i.e. the product of 8×52.5 .



EXIT PUPIL

The diameter, in millimeters, of the beam of light that leaves the eyepiece of a pair of binoculars is the "exit pupil". The larger the exit pupil, the brighter the image obtained will be. Having a large exit pupil is advantageous under low light conditions and at night. For astronomical applications, the exit pupil of the binocular should correspond with the amount of dilation of your eye's pupil after

it has adapted to the dark. This number will be between 5mm and 9mm. 9mm of dilation is the maximum amount for the human eye, and this number tends to decrease with age.

To calculate the exit pupil, divide the size of the objective lens by the magnification of the binocular. For example, the exit pupil of 7x42 binoculars is $42 \div 7 = 6\text{mm}$.

EYE RELIEF

This refers to the distance, in millimeters, that a binocular can be held from the eye and the full field of view can still be comfortably observed. Eyeglass wearers in particular benefit from longer eye relief.

BRIGHTNESS

A binocular's ability to gather and transmit enough of the available light to give a sufficiently bright and sharp image defines its brightness. The brightness of a binocular also enhances color differentiation in the image observed. R.B.I. (Relative Brightness Index), Twilight Factor and R.L.E. (Relative Light Efficiency) are common indices used in the binocular industry, but are all somewhat flawed in their design and often prove fairly meaningless. Brightness is one criteria to be considered when purchasing binoculars, but is not the most important factor. Given in order of importance to the overall brightness of a binocular, the following factors are worth investigating: objective lens diameter, magnification, the type and quality of the objective lens glass, type of lens coatings and type of prisms used. In general, large objective lenses, low magnification and fully multicoated lenses are most desirable.

CONTRAST

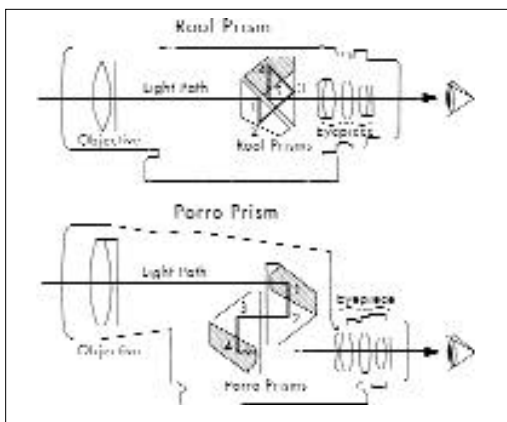
Refers to the degree to which both dim and bright objects in the image can be differentiated from each other and from the background of the image. High contrast helps in observing fainter objects and in discerning subtle visual details. High quality optical coatings provide better contrast in an image. The other factors affecting contrast are: collimation, air turbulence, and objective lens, prism and eyepiece quality.

RESOLUTION

A measurement of the binocular's ability to distinguish fine detail and produce a sharp image. Better resolution also delivers more intense color. Resolution varies in relation to the size of the binocular's objective lenses. Generally, a larger objective lens will deliver more detail to the eye than a smaller objective lens, regardless of the magnification of the binocular. Actual resolution is determined by the quality of the optical components, the type and quality of the optical coatings, atmospheric conditions, collimation (i.e. proper optical alignment), and the visual acuity of the user.

OPTICAL COATINGS

The optical elements of the binocular are coated to reduce internal light loss and glare, which in turn ensures even light transmission, resulting in greater image sharpness and contrast. Choosing a binocular with good lens coatings will translate to greater satisfaction with the product you ultimately select. Lens coatings range in quality as follows: coated – fully coated – multicoated – fully multicoated. Coated lenses are the lowest quality. Fully coated lenses are quite economical and can work well for you, depending on your needs. Multicoated or fully multicoated lenses are both very good choices. Fully multicoated lenses give the best light transmission and brightest images, and are therefore the most desirable.



PRISMS

A binocular's prisms serve to invert the image and come in one of two basic designs: Roof or Porro prisms. By design, roof prisms are more light-weight and compact, for portability. Porro prisms are designated either BK-7 or BAK-4. Both are economical and highly effective designs. The finer glass in the BAK-4 design is of a higher density and virtually eliminates internal light scattering, producing sharp, well-defined images.

NEAR FOCUS

The distance between the binocular and the nearest object you can focus on, while maintaining a good image and sharp focus, defines the near focus of a binocular.

COLLIMATION

The alignment of the optical elements of the binocular to the mechanical axis. Good collimation prevents eyestrain, headaches and inferior and double images while improving resolution. Unfortunately, proper collimation is almost impossible to achieve in very low-priced binoculars that lack quality components and design.

CONSTRUCTION

A critical factor in the performance of any binocular is its construction. The security of the barrel alignment and proper internal mounting and alignment of the optics are crucial to producing a binocular that's mechanically reliable, smooth functioning and long-lasting.

As you see, there are a number of different factors to consider in choosing a binocular. Your Celestron dealer will be able to assist you in making the choice that's right for you and that will bring you years of viewing comfort and pleasure.

BINOCULARS

Mini Series

Small Size Binoculars That Are Big on Performance.

- Fully Coated Lenses
- Extraordinarily Compact and Lightweight
- Rubber Covered Body for Secure and Comfortable Grip
- Center Focus for Ease of Use
- Soft Carrying Case Included

When you're looking for a binocular offering unsurpassed portability, Celestron's Roof Prism Mini Series is the obvious choice. These binoculars weigh in at 6 ounces or less, making them the perfect traveling companion or secondary binocular.

The 8x22 models are economical and perform well optically. If you desire higher magnification, there are two 10x25 models in this series.

The 71531-RY and 71532-RY units feature 15-layer, blocking ruby coatings that increase contrast when viewing over water, snow, cement and in any high glare environment.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71531	8x22	7.0°	10mm	11'	5 ounces
71531-RY	8x22	7.0°	10mm	11'	5 ounces
71532	10x25	5.5°	10mm	17'	6 ounces
71532-RY	10x25	5.5°	10mm	17'	6 ounces



#71531-RY



#71532

Celestron Traveler™ Series

Proof That Even the Handiest Size Can Have What It Takes to Deliver Optical Excellence.

- BAK-4 Porro Prisms
- Multicoated Lenses
- Center Focus Knob for Smooth, Easy Focusing
- Special Rubber Covering Provides Secure and Comfortable Grip
- Exceptionally Affordable
- Ultra Compact
- Soft Carrying Case Included

Your mother was right when she said the best things come in small packages, if she was talking about Celestron's Traveler Series Porro Prism binoculars. And with the wide range of options we have available within this Series, your desire for a compact, high performance binocular is guaranteed to be satisfied.

All models feature high density BAK-4 prisms, which excel at eliminating internal light scattering and produce sharp images.

The inverted prism design used in these binoculars allows the objective lenses to be closer together than they are in other designs. This translates into a smaller overall size, giving you a pair of superb binoculars that tuck easily into your pocket.

The 8x21 models are so compact and lightweight (just 6 ounces!), they make it easy to have a binocular available any time, anywhere, so you'll never miss a view or detail that interests you.



The 8x25 and 10x25 models are equally lightweight and portable, but their larger apertures make them highly suitable for serious bird watching and general viewing in a variety of situations. The 7-16x25 power zoom models are the best choice when you need extra power to zoom in on specific targets. Four of the models (#71550 – #71554) have a stylish flat black finish on the body and 15-layer blocking ruby coatings to increase contrast and block glare. If you do a lot of viewing in environments with water, snow or ice, or in high glare situations, these ruby coatings are exactly what you need. Four other models (#71650 – #71664) have the stylish flat black finish with green multi-coated lenses for enhanced contrast.



#71550

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71550/71560	8x21	7.0°	10mm	7'	6 ounces
71552/71562	8x25	6.3°	14mm	9'	11 ounces
71553/71563	10x25	5.2°	11mm	9'	11 ounces
71554/71564	7-16x25	5.2°	8mm	9'	12 ounces

Enduro® Series

Sturdy and Functional Design in a Rugged, User-Friendly Binocular.

- Porro Prisms – BK-7
- Fully Coated Lenses
- Unbeatable Price for High Quality Optics
- Large Center Focus Knob for Smooth, Easy Focusing
- Excellent Near Focus
- Long Eye Relief for Comfortable Viewing
- Tripod Adaptable
- Soft Carrying Case, Lens Covers and Neck Strap Included

The Enduro Series is an economically priced line of binoculars that perform very well. You'll find them delightfully easy and uncomplicated to use, with a convenient center focusing knob. A turn of this knob is all it takes to bring your subject into sharp focus quickly, easily and accurately.

All rubber armor on the body protects these binoculars from rough handling, making the Enduros a good choice for family and sporting use, when following all the action with a rugged binocular that doesn't require special care is the priority. The 7x35 model has a very wide 9.2° field of view, so it's just what you need to view a moving subject without missing anything.



#71180 (#71181 similar)



#71183 (#71182 similar)

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71180	7x35	9.2°	11mm	13'	22 ounces
71181	8x40	8.2°	12mm	15'	25 ounces
71182	7x50	6.8°	13mm	19'	28 ounces
71183	10x50	7.0°	13mm	25'	28 ounces

Wildlife Series

Putting Sharp, Dynamic Images of Wildlife and Nature at Your Fingertips with Ease.

- Roof Prisms
- Fully Coated Lenses
- Long Eye Relief for Comfortable Viewing
- Center Focus Knob for Smooth, Easy Focusing
- Rubber Covered Body for Secure and Comfortable Grip
- Soft Carrying Case, Lens Covers and Neck Strap Included

Celestron is pleased to offer these moderately priced, roof prism binoculars. A spectacular value, offering both excellent performance and sleek modern styling, at a price that makes them stand out from other products with similar features.

The 8x32 model is lightweight for portability and has a near focus of 13 feet. The 10x42 model is superior as well and offers higher power for viewing situations that require it. The performance of both models compares favorably with that of other binoculars costing far more than these Celestron Wildlife binoculars.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71130	8x32	7.5°	14mm	13'	10 ounces
71131	10x42	6.0°	14mm	19'	17 ounces



#71130



#71131

Bird Watcher Series

Don't Miss a Single Bird or View, and Make Sure the Image You See is Breathtaking.

- Porro Prisms – BAK-4
- Multicoated Lenses
- Wide Field of View
- Long Eye Relief for Comfortable Viewing
- Smooth Functioning Center Focus for Ease of Use
- Tripod Adaptable
- Rubber Covered Body for Secure and Comfortable Grip
- Soft Carrying Case, Lens Covers and Neck Strap Included

The Bird Watcher Series was designed specifically with the needs of bird watchers in mind, but you'll find that the excellent features of these special binoculars are highly desirable in all viewing situations.

The 7x35 and 8x40 models have a very wide field of view and extremely close near focus ability, so you won't miss details either near or far, and can follow a moving subject with ease. The 10x50 model is a terrific choice for long distance bird watching and other activities that require high-power magnification. The optics of these binoculars are multicoated to ensure high contrast and resolution, so you can admire subjects in great detail, with ease and clarity. The versatility of these binoculars means they're the perfect choice both for watching the birds in your own backyard, and for outings in nature.



#71145



#71146

These special binoculars are loaded with high end features, yet are available at a moderate price. You'll find they compare quite favorably with much more expensive binoculars in performance, and exceed them in affordability.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71145	7x35	10.0°	14mm	7'	20 ounces
71146	8x40	9.0°	14mm	10'	21 ounces
71147	10x50	6.5°	13mm	15'	26 ounces



#71147

Celestron Adventurer™ Series

Extravagantly High Performance at an Incredibly Low Price.

- Porro Prisms – BAK-4
- Multicoated Lenses
- Aspheric Lenses (except Zoom Model)
- Large Center Focus Knob for Smooth, Easy Focusing
- Tripod Adaptable
- Extra-Wide Cloth Neck Strap
- Deluxe Soft Carrying Case and Lens Covers Included

The Celestron Adventurer Series is an attractively priced line of binoculars with many special features, including superior optical performance. The aspheric lenses eliminate curvature of field and give good image quality across the full field of view.



#71600



#71603



The design of these binoculars is stylish, with a thin covering of rubberized paint on the lightweight, high impact plastic aerospace body. The 8x32 model has a near focus of only 8'. The zoom model employs a high quality gear system to ensure durability and long life.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71600	8x32	6.0°	18mm	8'	24 ounces
71603	7x50	6.4°	17mm	13'	31 ounces
71605	10x50	5.0°	16mm	14'	31 ounces
71609	8-32x50	4.2° @ 8x	14mm @ 8x	30' @ 8x	33 ounces

Ultima® Series

These Versatile Binoculars Ensure that No Detail Eludes Your Eye, from Near Surroundings to Distant Views.

- Porro Prisms – BAK-4
- Fully Multicoated Lenses
- Long Eye Relief for Comfortable Viewing
- Center Focus Knob for Smooth, Easy Focusing
- Excellent Depth of Field
- Soft Leatherette Finish for a Smooth, Comfortable Grip
- Tripod Adaptable
- Extra-Wide Cloth Neck Strap
- Deluxe Padded Soft Carrying Case and Lens Covers Included
- 11' Near Focus on the 8x32 Model – a Favorite with Bird Watchers!



#71110



#71127

(#71112 & 71126 are similar)



#71113



#71128

The finest complete series of binoculars available. These Ultima Series binoculars are sleek in appearance with superb image quality that rivals the very best European models. They have been rated as having exceptional performance for the price.

They're very lightweight, making it easy to have a top quality binocular as your constant companion, so you don't lose an opportunity to see a special bird or vista or that crucial touchdown you don't want to miss.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71110	8x32	8.3°	17mm	11'	18 ounces
71113	8x40	6.6°	19mm	15'	21 ounces
71112	7x50	7.0°	20mm	20'	27 ounces
71127	10x50	5.0°	21mm	29'	27 ounces
71126	8x56	6.1°	21mm	30'	31 ounces
71128	9x63	5.4°	21mm	30'	35 ounces

Regal® Series

*Optical Excellence Brought to You by The Name in Innovative Design:
Celestron International.*

- Roof Prism Design
- Lenses Fully Multicoated with Z-Coatings on Full Size Models
- Lenses Multicoated on Mini Models
- Waterproof and Nitrogen Purged
- Long Eye Relief for Comfortable Viewing
- Center Focus Knob for Smooth, Easy Focusing
- Click-Stop Diopter Adjustment on Full Size Models
- Extreme Near Focus – Just 6' for 8x42 Model
- Rubber Covered Body for a Secure, Comfortable Grip
- Full Size Models Are Tripod Adaptable
- Premium Soft Case and Wide, Comfortable Neck Strap Included



#71159



#71157

The finest binoculars offered by Celestron — perhaps the finest binoculars available anywhere! These special binoculars were designed for serious bird watchers, marine enthusiasts, hunters and anyone interested in having the best binoculars available.



The Z-coatings on the lenses are a unique, proprietary design. These coatings allow the binoculars to offer crisp, sharp, bright images through achievement of maximum contrast and resolution. You'll be dazzled by just how beautiful the images delivered by these extraordinary binoculars are, and what a pleasure they are to use. The click-stop diopter on the full size models makes maintaining focus a snap and the center focusing knob means acquisition of a finely focused image couldn't be easier.

For your comfort, and to protect your investment, a wide neck strap and premium carrying case are standard with the Regal full size binoculars. Also, rainguards for the eyepieces and caps for objective lenses serve to protect the optics.

The Mini Regal binoculars offer a completely delightful combination: total portability in an optically excellent instrument.

The Regal Series binoculars are sure to satisfy even the most discerning viewer and have the additional advantage of being quite reasonably priced, a most gratifying feature that Celestron never fails to deliver.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71157	8x42	6.3°	20mm	6'	24 ounces
71159	10x50	5.0°	20mm	8'	28 ounces
71162	8x24	6.3°	12mm	9'	5 ounces
71164	10x28	4.9°	12mm	12'	6 ounces

Giant Series

All the Power You Need for Images of Stunning Brilliance, Clarity and Detail.

- 20x Magnification!
- Porro Prisms – BAK-4
- Multicoated Lenses
- Center Focus Knob for Smooth, Easy Focusing
- Premium Quality 80mm Binoculars

Celestron's Giant Series binoculars are phenomenal optical performers. They offer extraordinary astronomical viewing on their own, and also serve as a superb complement to a telescope. The Giant binoculars are a great choice for terrestrial viewing as well, especially when viewing under low light conditions. Extreme distance viewing and surveillance are no problem for these Giants.

The deluxe model features structural reinforcement of the main body for added stability. A built-in super-rigid photo tripod adapter guarantees secure tripod mounting and a deluxe hard case ensures protection and safety when transporting the binoculars.



#71015

The standard model is more economical, but offers the same exceptional performance as the deluxe model. An optional tripod adapter is available for the standard model.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71014	20x80-STD	3.5°	18mm	50'	74 ounces
71015	20x80-DLX	3.5°	16mm	55'	89 ounces



#71014



#71015 on optional photo tripod

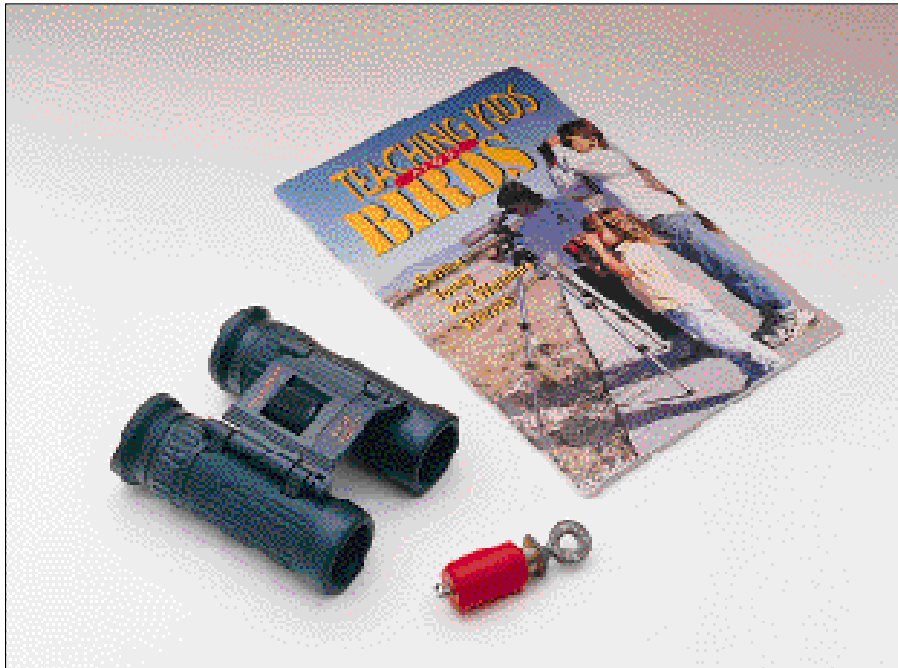
BIRD WATCHING KITS

Children's Bird Watching Kit – #70072

This kit is a terrific way to get children involved in learning about birds and enjoying nature and the environment. You'll find that while the kit is designed for children, it includes quality, high performance binoculars, not the type of low-grade toy binoculars that are often sold as children's binoculars, but really don't suit a child any better than they do an adult.

Celestron's 8x22 Mini Series Roof Prism binoculars are perfect for a child because they're lightweight, compact and easy to use. Their rubber-covered body and small dimensions make for a sure, comfortable grip for little hands and the center focus knob is easy to use.

The kit includes an interesting and informative book, *Teaching Kids About Birds*. Also included is an Audubon® bird call for attracting birds. It's easy to use — just twist the mechanism to hear a simulated bird sound or call. This kit offers the beginning of the bird watching adventure. Of course, the binoculars are also tremendously handy for sporting events, studying nature, shows, concerts and more.



Beginning Bird Watching Kit – #70077

An affordable, complete package to get started in the fascinating hobby of bird watching. No need to spend time shopping around for what you need, because Celestron's got it all packaged up in one easy kit. You'll receive:

- 7x35 Enduro® Binoculars are ideal for the beginner because the wide 9.2° field of view allows you to spend less time focusing and more time viewing. Excellent 13' near focus means nothing will escape your notice and the fully coated lenses, rubber covered body, portability (just 22 ounces!) and soft carrying case will all enhance your enjoyment of this wonderful hobby.
- Neck Strap is extra-wide and made of soft cloth to aid you in enjoying your viewing sessions in complete comfort.
- A bird identification book is just what you need to get started and Celestron has selected *Peterson First Guides® – Birds* for this kit because it's one of the best introductory bird watching books available.
- The LensPen® Optics Cleaning tool is a must for keeping your binoculars clean, so your image remains sharp and clear.

This kit is a wonderful gift — for yourself and others.



WaterSport™ Series – Waterproof

Compact, Rugged and Built for Any Weather You Want to Be In.

When rugged, high performance outdoor binoculars are needed for use in adverse weather conditions, Celestron's WaterSport Series waterproof binoculars are an excellent choice. Whether your interest is boating, backpacking or bird watching, you'll love these binoculars. They're also perfect for skiing, hunting, water sports and fishing when you want a binocular offering great viewing, but don't want to worry about water damage.

Not only are these exceptional nitrogen purged binoculars truly waterproof, they're fogproof as well. Fully coated lenses provide good optical performance in a binocular that's very reasonably priced. All units are rubber covered, smooth functioning and easy to use. A soft carrying case is included.

Two compact models are available – 8x25 and 10x25 in a roof prism design. Two full size BAK-4 porro prism models are available – a traditional 7x50 and a more powerful 10x50.

MODEL	SIZE	FIELD OF VIEW	EYE RELIEF	NEAR FOCUS	WEIGHT
71538	8x25	8.2°	10mm	13'	8 ounces
71539	10x25	5.8°	9mm	25'	8 ounces
71570	7x50	7.0°	19mm	20'	39 ounces
71572	10x50	6.5°	19mm	26'	40 ounces



#71538



#71570

CELESTRON BINOCULAR SPECIFICATIONS

MODEL	SERIES	SIZE	ANGULAR FIELD	LINEAR FIELD (FT)	EXIT PUPIL (MM)	EYE RELIEF (MM)	PRISMS	COATINGS	NEAR FOCUS (FT)	WT (OZ)
71531 & -RY	MINI	8x22	7.0°	367	2.8	10	RP	FC	11	5
71532 & -RY	MINI	10x25	5.5°	289	2.5	10	RP	FC	17	6
71550/60	TRAVELER	8x21	7.0°	367	2.6	10	P4	MC	7	6
71552/62	TRAVELER	8x25	6.3°	331	3.1	14	P4	MC	9	11
71553/63	TRAVELER	10x25	5.2°	273	2.5	11	P4	MC	9	11
71554/64	TRAVELER	7-16x25	5.2°	273	3.6	8	P4	MC	9	12
71180	ENDURO	7x35	9.2°	483	5.0	11	P7	FC	13	22
71181	ENDURO	8x40	8.2°	431	5.0	12	P7	FC	15	25
71182	ENDURO	7x50	6.8°	357	7.1	13	P7	FC	19	28
71183	ENDURO	10x50	7.0°	367	5.0	13	P7	FC	25	28
71130	WILDLIFE	8x32	7.5°	394	4.0	14	RP	FC	13	10
71131	WILDLIFE	10x42	6.0°	315	4.2	14	RP	FC	19	17
71538	WATERSPORT	8x25	8.2°	431	3.1	10	RP	FC	13	8
71539	WATERSPORT	10x25	5.8°	305	2.5	9	RP	FC	25	8
71570	WATERSPORT	7x50	7.0°	367	7.1	19	P4	FC	20	39
71572	WATERSPORT	10x50	6.5°	341	5.0	19	P4	FC	26	40
71145	BIRD WATCHER	7x35	10.0°	525	5.0	14	P4	MC	7	20
71146	BIRD WATCHER	8x40	9.0°	473	5.0	14	P4	MC	10	21
71147	BIRD WATCHER	10x50	6.5°	341	5.0	13	P4	MC	15	26
71600	ADVENTURER	8x32	6.0°	315	4.0	18	P4	MC	8	24
71603	ADVENTURER	7x50	6.4°	336	7.1	17	P4	MC	13	31
71605	ADVENTURER	10x50	5.0°	263	5.0	16	P4	MC	14	31
71609	ADVENTURER	8-32x50	4.2°	221	6.3	14	P4	MC	30	33
71110	ULTIMA	8x32	8.3°	436	4.0	17	P4	FMC	11	18
71113	ULTIMA	8x40	6.6°	347	5.0	19	P4	FMC	15	21
71112	ULTIMA	7x50	7.0°	367	7.1	20	P4	FMC	20	27
71127	ULTIMA	10x50	5.0°	263	5.0	21	P4	FMC	29	27
71126	ULTIMA	8x56	6.1°	320	7.0	21	P4	FMC	30	31
71128	ULTIMA	9x63	5.4°	284	7.0	21	P4	FMC	30	35
71162	REGAL	8x24	6.3°	331	3.0	12	RP	MC	9	5
71164	REGAL	10x28	4.9°	257	2.8	12	RP	MC	12	6
71157	REGAL	8x42	6.3°	331	5.3	20	RP	FMC	6	24
71159	REGAL	10x50	5.0°	263	5.0	20	RP	FMC	8	28
71014	GIANT	20x80	3.5°	184	4.0	18	P4	MC	50	74
71015	GIANT	20x80	3.5°	184	4.0	16	P4	MC	55	89

PRISMS: RP = ROOF PRISM

P4 = PORRO, BAK-4

P7 = PORRO, BK-7

COATINGS: FC = FULLY COATED

MC = MULTICOATED

FMC = FULLY MULTICOATED

NOTE: SPECIFICATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.

USE OF AND CARING FOR BINOCULARS

Once you've obtained a Celestron optical instrument, you'll want to maintain it at the level of optical excellence it arrived with. To assist you both in obtaining the best performance possible, and in caring for your binoculars, please take note of the following suggestions.

ALIGNMENT

The distance between the eyes varies from individual to individual, so all Celestron binoculars are fully adjustable. To align your binoculars (known as adjusting the interpupillary distance), look through them while moving the halves of the binocular about the center hinge, until you see the image in one clear circle. Eyeglass wearers may prefer to roll back the rubber eyecups, if your binocular is fitted with them, to obtain the maximum field of view.



Interpupillary Scale

FOCUSING

Close your right eye and look through the left eyepiece of the binocular with your left eye. Rotate the center focusing wheel until the image appears in sharp focus. Next, close your left eye and look through the right eyepiece with your right eye. Adjust the focus on the right eyepiece by rotating it until you're looking at a sharply focused image. Now look through both eyepieces of the binocular at the same time. Since you've already adjusted the right eyepiece, use only the center focusing wheel to re-focus on a new object at a different distance.



Diopter Eyepiece Scale

TRIPOD USE

Many of Celestron's binoculars are tripod adaptable. To install a tripod adapter, remove the hinge cap, thread the tripod adapter screw into the hinge socket and tighten. The binocular is now ready to mount onto a standard photographic tripod, which allows for both more stable viewing and the convenience of having your hands free. Please see our Accessory Catalog or ask your Celestron dealer for item #93512-A.

MAINTENANCE

The optical surfaces of Celestron binoculars should be kept clean at all times. If necessary, clean with the LensPen® (item #93575) or a lens/optics cleaning kit designed for multicoated lenses, if your binocular has them. Avoid touching the lenses of your binoculars. When they're not in use, cover the lenses with the lens caps, if provided. Storing in a carrying case offers further protection. Other than these simple precautions, your binoculars do not require routine maintenance. Should a repair be necessary, Celestron factory service is available.

Caution: Avoid looking at the sun through binoculars as eye damage may result.



Mounting a Binocular Tripod Adapter

MONOCULAR – #71504

- Roof Prism Design
- Multicoated Lens
- 8 Power
- 10mm Eye Relief for Comfortable Viewing
- Excellent Near Focus for Versatility in Viewing
- Carrying Strap, Lens Covers and Soft Carrying Case Included

Incredibly convenient, versatile and portable! This monocular offers a 8.7° wide angle field of view, weighs just 4 ounces and tucks easily into your pocket, backpack, glove compartment or purse. The ideal companion for traveling, hiking, backpacking and more.



#71504

HAND TELESCOPES

Celestron's beautiful 25x30 hand telescopes are perfect for luxurious gift giving and handsomely adorn any desk, library or study. They're ideal for a whole range of viewing opportunities from hiking, boating and camping to nature studies, bird watching and sporting events.

Two models are available. If you prefer the rich look of brass with a leatherette trim, model #52001, at 8 ounces, is the choice for you. For the elegant look of solid brass, choose model #52002, which weighs 10 ounces. The length of both models is 13 $\frac{1}{4}$ " when fully extended and a compact 5 $\frac{1}{4}$ " when closed down. Each comes with a soft carrying case.



#52001



#52002

Pocket Telescope & Microscope – #71500

- 6 Power Pocket Telescope
- 30 Power Microscope
- Fully Coated All Glass Optics
- Wide Field of View – 6.5°
- 5' Near Focus
- Lightweight – only 1 1/2 oz.
- One Year Limited Warranty

This unique pocket telescope easily fits in any pocket and the ultra portability lets you take it anywhere.

The achromatic optics (10mm objective) are incredibly sharp, clear and simple to use.

Add the small adapter (standard) and convert the telescope into a 30 power microscope in seconds. Great for close up, high power examination of objects at home or in the field!



#71500

CHOOSING A SPOTTING SCOPE

There are several factors to consider when choosing a sporting scope. Listed below are the more important criteria that you may wish to consider.

DIAMETER OF OBJECTIVE LENS

A spotting scope is really a telescope that produces an upright image. The major function of a spotting scope, like all telescopes, is to gather incoming light. The larger the diameter of the spotting scope's objective lens, the more light it gathers, with more light translating into a brighter and better image. As the size of the objective lens increases, greater detail and clarity of image will be afforded.

MAGNIFICATION (POWER)

Magnification is the degree to which the object being viewed is enlarged. Magnification, or power, in a spotting scope is a function of the relationship of two independent optical systems — the optics of the spotting scope itself and the eyepiece being used. To determine magnification, divide the focal length of the spotting scope by the focal length of the eyepiece.

By exchanging an eyepiece of one focal length for another eyepiece with a different focal length, you can increase or decrease the magnification of the spotting scope. For example, a 30mm eyepiece used on a C90 spotting scope with a 1000mm focal length would yield a magnification of 33x. A 9mm eyepiece used on the same C90 spotting scope would yield a power of 110x.

There is, however, a limit to how much you can magnify an image. As a rule of thumb, the maximum magnification is equal to 50 to 60 times the diameter (in inches) of the spotting scope's objective lens (under ideal conditions). Magnification higher than this will produce a dim and fuzzy image. In most cases, a magnification of 20 to 35x is the most useful and satisfying range to use with spotting scopes under normal daytime conditions. Zoom spotting scopes have a single, built-in eyepiece to give you a range of magnifications without the need to change eyepieces.

FOCAL LENGTH

The distance, in an optical system, from the objective lens to the point where the instrument is in focus (the focal point). The longer the focal length of the instrument, the larger the image scale it offers.

NEAR FOCUS

The distance between the instrument and the nearest object you can focus on, while maintaining a good image and sharp focus, defines the near focus. Short near focus is important for close-up visual and photographic work.

FIELD OF VIEW

The size of the area, in degrees, that can be seen while looking through the spotting scope is the angular field of view. Linear field of view refers to the width of the area that can be observed at 1,000 yards, and is expressed in feet.

A larger field of view translates to a larger area seen through the spotting scope.

Field of view is related to magnification, with greater magnification creating a smaller field of view, in general. The angular field of view is calculated by dividing the apparent field of the eyepiece by the magnification being used. ($AFE \div \text{Magnification} = AFV$). Once the angular field of view is known, the linear field can be determined by multiplying the angular field by 52.5.

FOCAL RATIO OR PHOTOGRAPHIC SPEED (F/STOP)

The ratio of the focal length of the spotting scope to the diameter (aperture) of its objective lens, in millimeters. Spotting scopes with small f/stop numbers react to incoming light faster than spotting scopes with larger f/stop numbers. So, the smaller the f/stop number, the shorter your photographic exposure time.

EXIT PUPIL

The diameter, in millimeters, of the beam of light that leaves the eyepiece of the spotting scope is the “exit pupil”. To calculate the exit pupil, divide the size of the objective lens, in millimeters, by the magnification of the eyepiece being used. The larger the exit pupil, the brighter the image.

EYE RELIEF

The minimum distance between the eyepiece of the spotting scope and your eye that still allows you to see the entire field of view.

COATINGS

Optical coatings are important, as they determine the throughput transmission of a spotting scope. The better the quality of the lens coatings, the brighter the image will be and the higher the contrast of the image will be. Fully multi-coated lenses are the best quality you can choose.

PORTABILITY

For applications such as hiking and hunting, portability is a prime factor to consider. For stationary viewing, a large diameter objective lens becomes of primary importance.

VERSATILITY

Most Celestron spotting scopes can be used three different ways: (1). As a telephoto lens when attached to a 35mm SLR camera, (2). For terrestrial observing, and (3). As a telescope. This is the kind of versatility you want.

CONSTRUCTION

Both mechanical and optical construction are important. Alignment of the optical elements (collimation) is critical for achieving optimal results. All Celestron spotting scopes are laser aligned to ensure comfortable viewing, even during extended viewing sessions.

USING A SPOTTING SCOPE AS A TELEPHOTO LENS

A long telephoto lens brings you close optically when you can't get close physically. Distance shrinks between you and your subject, allowing you to capture both far away and close-up images on film.

Most Celestron spotting scopes are designed to be dual purpose visual and photographic instruments. For photographic use, all that's required is a T-Adapter for the spotting scope and the correct T-ring for your particular 35mm SLR camera. With these two simple, inexpensive accessories the usability of your spotting scope is easily enhanced.

The criteria given to consider in choosing a spotting scope applies equally well when choosing a telephoto lens.

The following pictures demonstrate what a telephoto lens can do. The picture on the top is a standard 50mm photo and the picture on the bottom was taken with Celestron's C90 spotting scope (1000mm) at the same distance.



50mm



1000mm – C90

SPOTTING SCOPES

30mm Mini Brass Spotting Scope – #50025

- Fully Coated Optics
- Extraordinarily Compact
- Very Attractive Appearance
- Ideal for Gift Giving
- Carrying Case and Tripod Included

A unique, lightweight and versatile spotting scope with a magnification of 15x and a total weight of just 4 ounces! This special spotting scope has an attractive black finish with brass accents and comes with a mini tripod. Its fully coated optics provide remarkable views and it offers a 3.5° field of view.

For traveling, this ultra compact spotter can't be beat and it comes with a case for secure transporting. It also makes an excellent gift for tabletop or desk display.



50mm Nature Zoom Spotting Scope – #51004

- Fully Coated Optics
- Power Range that Zooms from 12 to 36 Power
- Compact Size for Total Portability
- Near Focus: 25 Feet at Low Power
- Eye Relief: 17.1mm at Low Power
- Field of View: 3.1° (162 Feet) at Low Power
- Built-in Tripod Adapter
- Mini Table Tripod and Carrying Case Included

Combining the ultimate in compactness with a large 50mm diameter objective lens, the 50mm Nature Zoom is perfectly suited to a variety of needs, from bird watching and viewing the environment around your home to target shooting and action sports.

An optional photo adapter turns the spotting scope into a telephoto lens of 310mm to 930mm focal length at f/6 to f/18. Its dimensions are quite compact at 14½" long and a weight of just 40 ounces, with tripod.



60mm Sierra Zoom Spotting Scope – #51000

- Fully Coated Optics
- Power Range that Zooms from 20 to 60 Power
- Field of View: 2° at 20 Power
- Eye Relief: 13mm to 17mm
- Near Focus: 14 Feet
- Deluxe Heavy Duty Table Tripod Included
- T-Adapter Included

The Celestron Sierra Zoom Spotting Scope is very economically priced yet delivers very sharp and clear images.

The optical tube is made of aluminum and with the tripod the complete set up weighs just 49 ounces.

A nice little instrument for nature observing, bird watching, target shooting, and other terrestrial applications.

Attach the standard T-adapter (with optional T-Ring) and you have a variable 1300mm to 3900mm telephoto lens.



#51000

60mm Wildlife Zoom Spotting Scope – #52211

- Fully Coated Optics
- Power Range that Zooms from 15 to 45 Power
- Very Long Eye Relief
- Near Focus: 42 Feet at 15 Power
- Field of View: 2.25° at 15 Power
- Lightweight and Versatile
- Mini Table Tripod and Soft Carrying Case Included

The Celestron 60mm Wildlife Zoom Spotting Scope was designed to perform well in a range of viewing situations, making it a great all-around optical instrument. You'll love it for bird watching, observing nature and long distance spotting.

The focus and zoom controls are exceptionally easy to use and well placed for fast and convenient image acquisition. This scope offers very long eye relief of 33mm at 15 power, so you'll be comfortable even during long viewing sessions. At 25 ounces in weight, it couldn't be more portable and with fully coated lenses, it's totally reliable and an excellent performer optically.

Can be used as a photo lens of 1100mm to 3300mm with the addition of an optional photo adapter.



#52211

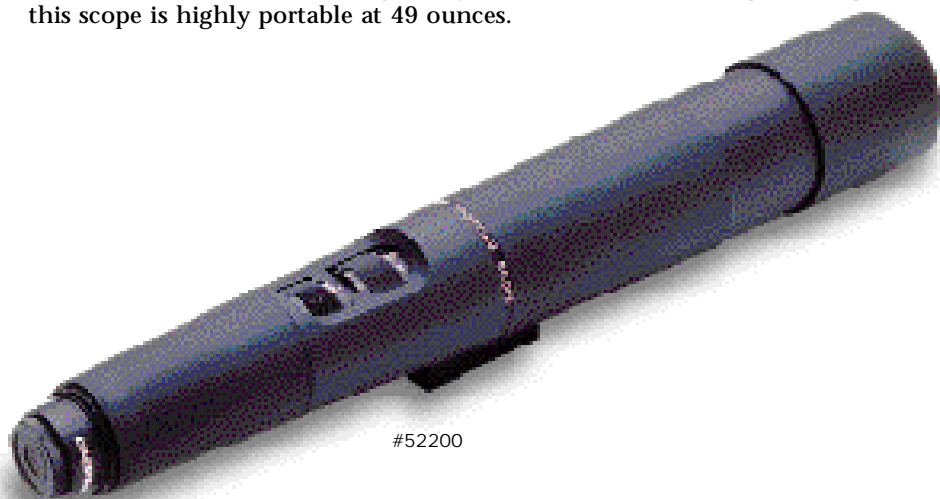
60mm Pro Zoom Spotting Scope – #52200

- Multicoated Optics
- Power Range that Zooms from 15 to 60 Power
- Near Focus: 24 Feet at 15 Power
- Eye Relief: 15mm at 15 Power
- Field of View: 3° at 15 Power

This powerful spotting scope's large 60mm aperture makes it perfect for many uses — bird watching, photography, nature study, hunting, scenic observing — in fact, almost any type of terrestrial observing you're interested in.

The carefully crafted, multicoated optics used in this scope provide excellent contrast and clarity, and the lens hood that comes standard reduces glare. Always looking to offer the most user-friendly optical instruments, Celestron made sure the zoom and focus controls on this 60mm Pro Spotting Scope are exceptionally smooth, convenient and easy to use. The ability to zoom from 15 to 60 power with speed, control and precision means you'll be able to focus on and follow interesting subjects with ease.

An optional photo adapter turns the spotting scope into a telephoto lens of 1000mm to 4000mm focal length. If your interest is in viewing on the go, this scope is highly portable at 49 ounces.



#52200

80TM Wide View Spotting Scope – #52260

- Fully Multicoated Optics
- Excellent Near Focus of Just 13 Feet
- Eye Relief: 11mm with a Low Power Eyepiece
- Field of View: 1.6° with a Low Power Eyepiece
- Built-in Tripod Adapter
- 20mm Plössl Eyepiece – 1 1/4" (20x)
- 10mm Plössl Eyepiece – 1 1/4" (40x)
- 45° Erect Image Diagonal – 1 1/4"
- 6x30 Finderscope
- Built-in T-Adapter

A large 80mm aperture multi-purpose spotting scope that's exceptional for bird watching, astronomy and use as a telephoto lens, as well as all types of terrestrial viewing. The superb fully multicoated optics offer high contrast levels and excellent resolution. The lens system design contains an air-spaced doublet for superior performance.

Bird watchers will appreciate the high level of performance this scope attains in low light conditions. This, combined with a near focus of just 13 feet, makes for an excellent optical instrument that ensures you won't miss any action, be it near or far away.

For photographers, the fast optical system — 400mm f/5 — is a tremendous plus. Lightweight and easy to operate due to the fast, smooth 1 1/4" rack and pinion focuser, this scope is a dream come true for those who want top performance in a powerful instrument. Dual Tube Ring Mounting System for Extra Rigidity.

The large aperture allows you to enjoy viewing astronomical subjects such as the moon, planets, brighter nebulae and star clusters.

Although this spotting scope isn't a telescope, it will certainly increase your appreciation of the cycles of the moon, eclipses, our solar system, comet watching and more. A built-in tripod adapter allows this scope to easily be mounted to a large astronomical telescope. When joined with a telescope, the Wide View 80 Scope becomes a piggyback camera lens, imaging lens or guidescope.



#52260 shown
on optional
photo tripod

Ultima® Spotting Scopes

#52248 Ultima 65

#52250 Ultima 80

- Fully Multicoated Optics
- Near Focus: 16 Feet at Low Power for the 65mm and 29 Feet for the 80mm
- Long Eye Relief: 15mm to 19mm
- Field of View: 2.6° at 20 Power for the 65mm and 2.1° at 25 Power for the 80mm
- Built-in Lens Shade

Large 65mm and 80mm aperture scopes of superb optical quality for the discriminating viewer. If you require an instrument that will perform with reliable excellence, then these are spotting scopes to seriously consider. They are great tools for advanced bird watching and avid nature studies, providing high contrast images and sharp, clear long distance views. Observation of the moon and planets is also possible with these high power scopes, especially the 80mm. The sleek black body of these instruments have cells covered with rubber for added protection. Both lightweight and weatherproof, they're perfect scopes to have along when your viewing takes you afield.

The optics are fully multicoated, providing very bright, high contrast images. To further enhance your viewing experience, you'll find that focusing is extremely smooth. An optional T-Adapter (#1836) is available to convert these spotting scopes for use as a fast telephoto lens. The focal length is 480mm (f/6) for the 80mm and 390mm (f/6) for the 65mm.

The optional eyepieces you have to choose from to fully outfit these scopes are:

Model	65mm	80mm	Mount Type
#1828	20x	25x	Bayonet
#1830	40x	50x	Bayonet
#1838	16-48x	20-60x	Zoom – Thread



C90 Spotting Scopes

- Standard 8x20 Erect Image Finderscope with 7.1° Field of View
- Fully Multicoated Optics
- Multi-Layer, Broadband AR Coatings on Both Surfaces of Correcting Lens
- Excellent Light Transmission
- Improved Contrast, and Reduced Glare and Ghosting Due to State-of-the-Art Coatings
- HR Multi-Layer Coatings on the Mirrors to Ensure Maximum Reflectivity
- Photo Tripod Adapter Block and Lens Caps Included

Over the years, Celestron's C90 Spotting Scopes have proven to be tremendously popular. In fact, they've been used by tens of thousands of satisfied customers worldwide.

Clearly the C90s are world leaders in this size spotting scope, and their superb optics are part of the reason. They feature a full 90mm (3.55") aperture, f/11 Maksutov-Cassegrain mirror lens optical system and are permanently collimated and fully baffled. The diffraction-limited optics are carefully hand-figured by our craftspeople, then thoroughly laser tested. At just 3½ pounds in weight and 7¾" in length, the C90s are lightweight and compact enough to travel anywhere. The closed tube design eliminates image-degrading tube currents and keeps the optics safe and dust-free. The smooth helical focusing system assures fast and accurate focusing. And throughout, the pride of American workmanship is evident.

By day, you can see bees buzzing in the flowers five feet away, recognize the faces of friends half a mile in the distance, observe birds feeding their young in nests at fifty feet, identify airplanes miles away, see the center's snap from the opposite end zone and much more.



#81027 on optional photo tripod

Your viewing enjoyment won't end when the sun goes down. The C90 spotting scopes allow you to enjoy fantastic scenes of nighttime city lights as well. Or explore the heavens — study lunar craters, the rings of Saturn, the cloud belts and moons of Jupiter, and scores of nebulae, star clusters and galaxies.

Used as an incredible 1000mm f/11 telephoto lens, the C90 allows you to bring the action close up. Coupling your 35mm SLR camera to the C90 with a couple of simple, inexpensive adapters brings you twenty times closer to your subject than a 50mm standard lens. Or, attach the C90 to your favorite C-mount video camera for live action images. If you want a powerful, yet portable spotting scope/telephoto lens for a lifetime of trouble-free enjoyment, Celestron's C90 is the instrument for you.

To further enhance your pleasure in using these fine spotting scopes, Celestron offers a wide assortment of photographic and visual accessories for the C90s. Please see Celestron's Accessory Catalog for full details.

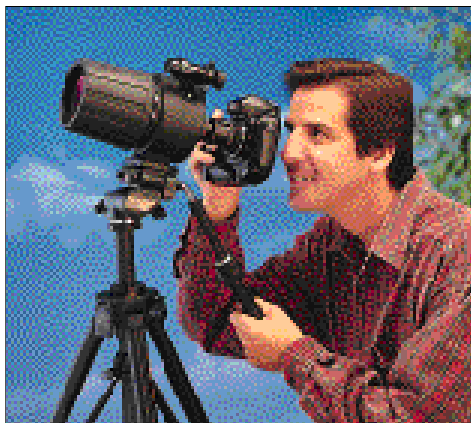
There are two C90 models to choose from, and one will be a perfect match with your needs and particular preferences.

#81031 – Comes with a 45° erect image diagonal and a 25mm 40x SMA eyepiece, both .96". Eye relief is 14mm and the field of view is 1.3°.

#81027 – Comes with a hybrid 45° erect image diagonal and a 26mm Plössl 38x eyepiece, both 1¹/₄". Eye relief is 22mm and the field of view is 1.4°. The 1¹/₄" size diagonal and eyepiece give a wider field of view and greater eye relief than the .96" size. This model also has a protective covering of black rubber over the body.



#81031 on optional photo tripod



#81027 with optional tripod
and 35mm SLR camera

C5 Spotting Scope

- Standard 8x20 Erect Image Finder-scope
- 45° Erect Image Diagonal and 26mm Plössl 48x Eyepiece – Both 1¼"
- 22mm Eye Relief and 1° Field of View with Standard Eyepiece
- Near Focus of 20 Feet
- Fully Multicoated Optics
- Excellent Light Gathering Ability
- Fitted with Convenient Tripod Adapter Block
- Deluxe Foam Fitted Case and Lens Cap Included



#11029 on optional photo tripod

Celestron's C5 Spotting Scope is a 5" (127mm) aperture, 1250mm f/10 Schmidt-Cassegrain optical system. Its optical excellence is the reason it was chosen by NASA for many space shuttle missions.

The C5 spotting scope is an ideal choice for the serious bird watcher, nature lover or anyone who enjoys beautiful views — either from your home or afield. At just six pounds in weight and 11 inches in length, this spotting scope is a completely portable visual and photographic instrument that performs well in any viewing location. Further, Celestron offers a wide variety of optional accessories to expand the capabilities of this special instrument.

The C5's aperture of 5" allows it to easily outperform smaller aperture spotting scopes. Offering 4½ times more light gathering ability than a 60mm spotting scope and 2½ times more than an 80mm scope, Celestron's C5 is the clear choice when a powerful instrument delivering brilliant, crisp views is what you require.

The C5 spotting scope is a wonderfully versatile instrument, and its near focus of approximately 20 feet allows you to observe plant life, wildlife, birds or insects with ease. At the same time, the C5 can also be used as an astronomical telescope. In addition, the C5 goes easily from working as a powerful spotting scope to being a high performance 1250mm f/10 telephoto lens.

Photography couldn't be easier, because the C5 is designed to be fully camera adaptable. To take professional quality shots with the C5, just attach the correct optional T-Adapter and T-Ring for your 35mm SLR camera to the back of the C5 spotting scope, and you're ready to shoot. The tripod adapter block on the C5's tube makes easy work of mounting the instrument onto a tripod for either viewing or photography.



#11029 shown with optional 35mm SLR camera and tripod

CELESTRON LIMITED WARRANTY

A. Celestron International (CI) warrants its instruments to be free from defects in materials and workmanship for life (unless specified elsewhere). CI will repair or replace such product or part thereof which, upon inspection by CI is found to be defective in materials or workmanship. As a condition to the obligation to CI to repair or replace such product, the product must be returned to CI together with proof-of-purchase satisfactory to CI.

B. The proper Return Authorization Number must be obtained from CI in advance of return. Call Celestron at (310) 328-9560 to receive the number to be displayed on the outside of your shipping container.

All returns must be accompanied by a written statement setting forth the name, address and daytime telephone number of the owner, together with a brief description of any claimed defects. Parts or product for which replacement is made shall become the property of CI.

The customer shall be responsible for all costs of transportation and insurance, both to and from the factory of CI, and shall be required to prepay such costs.

CI shall use reasonable effort to repair or replace any binocular or spotting scope covered by this warranty within thirty days of receipt. In the event repair or replacement shall require more than thirty days, CI shall notify the customer accordingly. CI reserves the right to replace any product which has been discontinued from its product line with a new product of comparable value and function.

This warranty shall be void and of no force of effect in the event a covered product has been modified in design or function, or subjected to abuse, misuse, mishandling or unauthorized repair. Further, product malfunction or deterioration due to normal wear is not covered by this warranty.

CI disclaims any warranties, express or implied whether of merchantability or fitness for a particular use, except as expressly set forth herein.

The sole obligation of CI under this limited warranty shall be to repair or replace the covered product, in accordance with the terms set forth herein. CI expressly disclaims any lost profits, general, special, indirect or consequential damages which may result from breach of any warranty, or arising out of the use or inability to use any CI product. Any warranties which are implied and which cannot be disclaimed shall be limited in duration to a term of one year from the date of original retail purchase.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you.

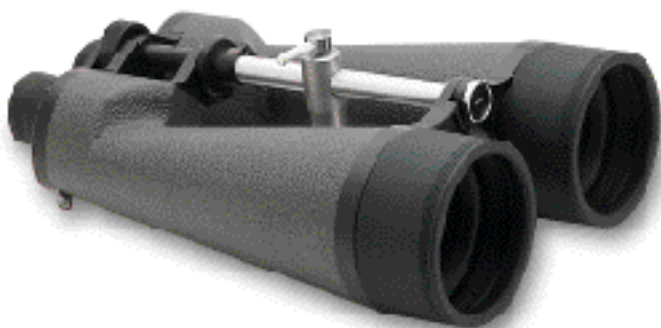
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CI reserves the right to modify or discontinue, without prior notice to you, any model or style of binocular or spotting scope. If warranty problems arise, or if you need assistance in using your product contact:

Celestron International
Customer Service Department
2835 Columbia Street, Torrance, CA 90503
(310) 328-9560, Fax (310) 212-5835
Monday - Friday 8 a.m. - 4 p.m. PST

This warranty supersedes all other product warranties.

NOTE: This warranty is valid to U.S.A. and Canadian customers who have purchased this product from an authorized CI dealer in the U.S.A. or Canada. Warranty outside the U.S.A. and Canada is valid only to customers who purchased from a CI International Distributor or Authorized CI Dealer in the specific country. Please contact them for any warranty service.







Celestron International

2835 Columbia Street

Torrance, CA 90503

(310) 328-9560 • (310) 212-5835

Web site at <http://www.celestron.com>

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