

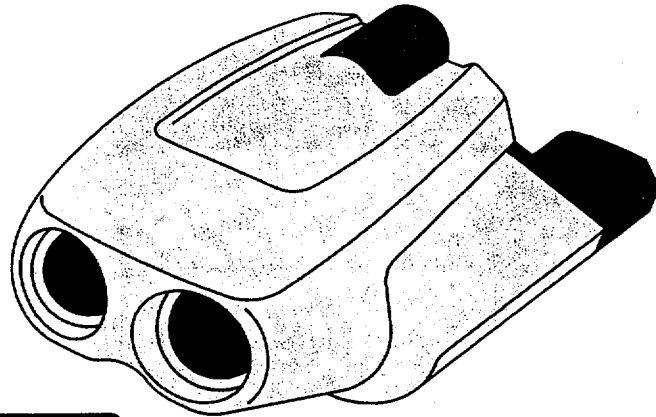
PENTAX®

**BINOCULARS
FERNGLÄSER
JUMELLES
BINOCOLI
PRISMÁTICOS**

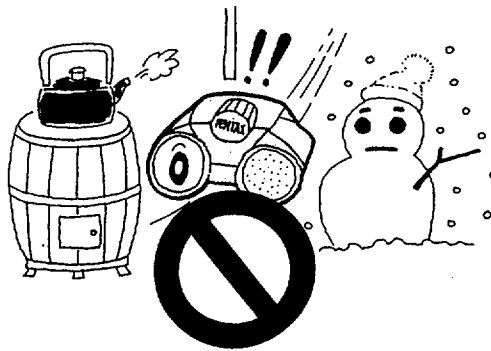
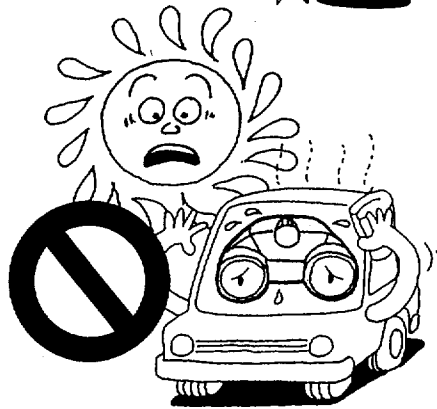
雙筒望遠鏡
双眼鏡

OWNER'S MANUAL
BEDIENUNGSANLEITUNG
MANUEL D'UTILISATION
ISTRUZIONI
MANUAL DE INSTRUCCIONES
用戶備用冊
使用說明書

**8×24 UCF V
10×24 UCF V
12×24 UCF V
16×24 UCF V**



- **WARNINGS**
Never attempt to look into the sun with binoculars.
- **WARNUNG**
Blicken Sie nie mit einem Fernglas in die Sonne.
- **ATTENTION**
N'observez jamais le soleil avec vos jumelles.
- **AVVERTENZE**
Nunca intente mirar al sol con prismáticos.
- **ATENCION**
Non guardate il sole attraverso il binocold.
- **警告**
切勿使用望遠鏡觀望太陽。
- **警告**
双眼鏡で太陽を絶対見ないで下さい。



Features

Pentax 24 Series UCF V (Uni-barrel Center Focusing) binoculars, incorporating advanced technologies and knowhow garnered over many years of experience in this line, are unsurpassed by any standard of comparison.

The optics utilize high refractive index glass prisms, highly advanced multilayer coatings, and aspherical lenses for sharp and bright images even at the corners of the field of vision.

For all its compactness, the 24 Series UCF V has a long eye relief for easy viewing even with glasses.

The minimum focusing distance, shortened further in the UCF V, gives you clearer images of closer objects. Based on "solidness and sharpness," the 24 Series UCF V is very compact, lightweight and easy to handle with improved anti-shock rubber coverings.

⚠ WARNINGS

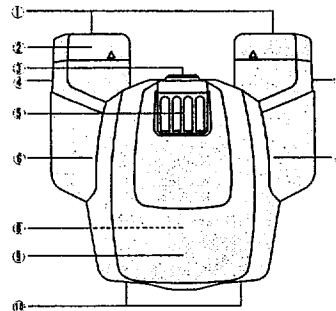
1. To avoid serious eye damage, NEVER look at the sun using the binoculars. (Otherwise, serious damage to the retina will occur, including loss of eyesight.)
2. Do not leave the binoculars in direct sunlight. (Leaving the binoculars exposed to direct sunlight may cause a fire.)

⚠ Safety Precautions

1. Do not use the binoculars while walking. Otherwise, you could bump into someone or something or fall and hurt yourself or others.
2. Avoid pinching your fingers between the binoculars when adjusting the eyepiece width of the binoculars. In particular, take care that children do not hurt themselves when handling the binoculars.
3. Using the binoculars for a long time repeatedly may cause inflammation of the skin around the eyes. Consult a doctor if any symptoms are noticed.
4. Do not swing the binoculars by the neck strap, as this could cause injuries.
5. Be careful with the vinyl bag. Keep the vinyl bag away from children or infants to prevent accidental suffocation.

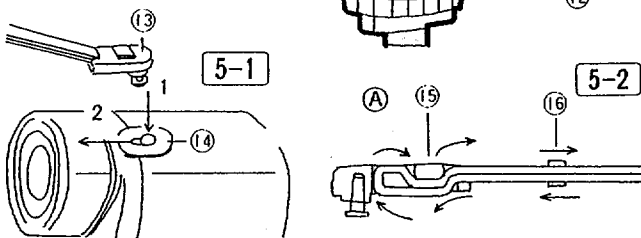
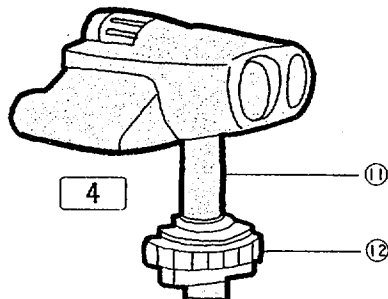
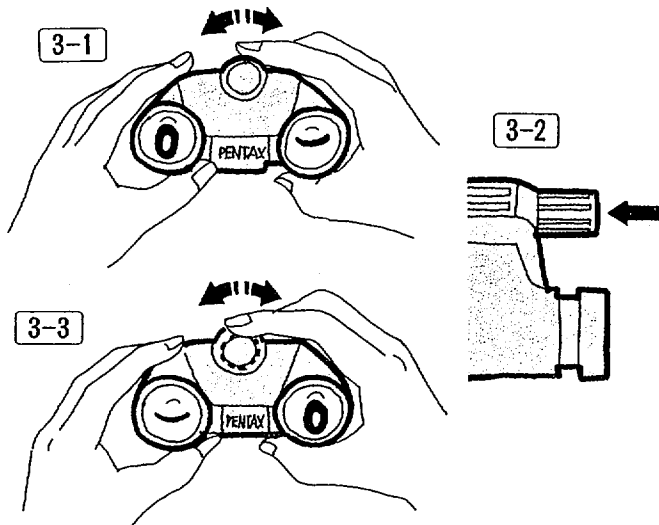
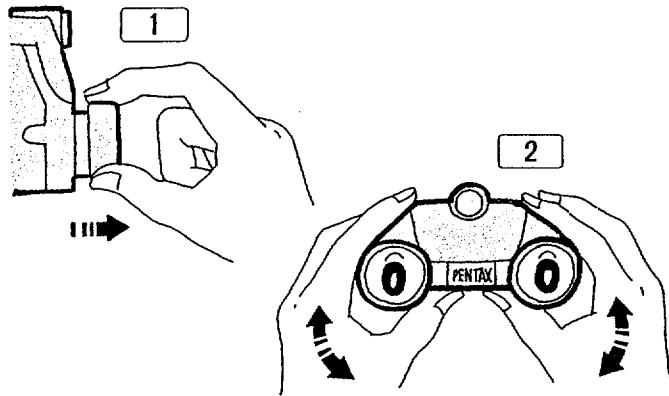
Handling Precautions

1. Do not apply excessive force. When operating the focusing wheel or diopter adjusting ring; adjusting the eyepiece width or mounting the binoculars on a tripod, do not apply excessive force or pressure. (Please use the optional Tripod Adapter U to mount the binoculars on a tripod.)
2. Be careful not to drop the binoculars or subject them to strong vibration, impact or pressure.
3. Never expose the binoculars to high temperature (over 60 degrees Centigrade, or 140 degrees Fahrenheit). Avoid leaving the binoculars for extended periods of time in hot humid places such as in a car parked in the sun or near a heater, as this will result in deformation.
4. Be careful when carrying the binoculars between places having different temperatures. Condensation on the interior and exterior of the binoculars may be extremely harmful as it can cause rust. Further, if the binoculars are taken from a warm temperature to a subfreezing one or vice versa, the formation of icelets may cause damage. In such a case, cover them up so that any changes in temperature will be as gradual as possible. After the temperature difference is minimized, uncover them.
5. Take reasonable care to prevent exposure to dirt, mud, sand, moisture, toxic gas, water, salt water or any other substance which may penetrate the inside of the binoculars. These substances may cause internal damage or render the binoculars inoperable.
6. After use: If water splashes on the binoculars, allow them to dry. Then, wipe off any dirt on the binoculars with a clean, soft, dry cloth. Keep in mind that the binoculars are not water-resistant. Never use solvents such as paint thinner, alcohol or benzine to clean the binoculars. If the lens surface is stained, wipe off any dirt with gauze or lens cleaning paper moistened with lens cleaner.
7. Do not store the binoculars in a closet with mothballs or in a place where chemicals are handled. Store the binoculars in a well-ventilated place to prevent fungus growth.

**Names of Parts**

- ① Eyepiece Lens
- ② Eyepiece Ring
- ③ Diopter Adjusting Ring (fully-retracted)
- ④ Neck Strap Hook
- ⑤ Central Focusing Wheel
- ⑥ Right Barrel
- ⑦ Left Barrel
- ⑧ Tripod Socket (bottom)
- ⑨ Uni-Barrel
- ⑩ Objective Lens

How to Use



1. Eyepiece Rings

For easy viewing, the binoculars are usually operated with the eyepiece rings pulled out. When wearing glasses, push back the eyepiece ring to the original position. When pulling out the eyepiece ring, do not pull too strong. Do not attempt to rotate it.

2. Adjusting the Eyepiece Width

While looking at a distant object through both the right and left eyepiece lenses, adjust the barrels so that eyepieces are comfortably in front of your eyes.

3. Adjusting Diopter

While looking through the left eyepiece lens with the left eye only, turn the central focusing wheel to focus on a distant object sharply. (See 3-1.)

Next, press the diopter adjusting ring to set it to the diopter adjustment position (as shown in 3-2.) While looking through the right eyepiece lens with the right eye, turn the diopter adjusting ring until the same object comes into sharp focus. (See 3-3.)

After focusing is completed, press in the diopter adjusting ring to the original, fully-retracted position to prevent it from being turned.

To view objects at different distances, focus by just turning the central focusing wheel to the right or left.

4. Mounting Binoculars on Tripod

To mount the binoculars on a tripod, screw the optional Tripod Adapter U into the tripod socket and attach the binoculars on to the tripod.

5. Attaching Neck Strap

To attach the neck strap to the binoculars, put the tip of the strap tack in the strap hook, and slide the strap tack to the eyepiece lens side while pressing it until it clicks. (See 5-1.)

Check to see if the strap is securely attached to the binoculars by pulling the strap.

The strap length can be adjusted according to your preference. It is best to provide enough slack in the strap for easy adjustment. (See 5-2.)

CAUTION: Do not pull the strap in the direction perpendicular to the top of the uni-barrel.

- 11 Pentax Tripod Adapter U
- 12 Tripod
- 13 Strap Tack
- 14 Strap Hook
- 15 How to pass the strap
- 16 Strap Clasp
- 17 Belt Ring

Specifications

Features \ Models	8×24 UCF V	10×24 UCF V	12×24 UCF V	16×24 UCF V
Type	Porro prism, center focusing (Linked-dual-axis)			
Magnification	8X	10X	12X	16X
Effective diameter of objective lens	24mm			
Real field of vision	6.2°	5.0°	4.2°	3.1°
Field of vision at 1000m Field of vision at 1000yards	108m 324ft	87m 261ft	73m 219ft	54m 162ft
Exit pupil aperture	3.0mm	2.4mm	2.0mm	1.5mm
Relative brightness	9.0	5.8	4.0	2.3
Eye relief	15mm			
Focusing range	About 3m to infinity About 9.8ft to infinity			
Eye width (ocular distance) adjustable range	55mm to 74mm 2.2 to 2.9in.			
Height & width	106×111mm 4.2×4.4in.		111×111mm 4.4×4.4in.	
Thickness	62mm 2.4in.			
Weight	300g 10.6oz.	300g 10.6oz.	310g 10.9oz.	320g 11.3oz.
Accessories	Eyepiece lens cap, case, neck strap			

●お問い合わせは次の各窓口へ



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