

SWANS

YAMAMOTO KOGAKU CO., LTD.

www.swans.co.jp/english

25-8, CHODO-3, HIGASHI-OSAKA CITY, 577-0056, JAPAN
TEL.81-6-6783-1104 FAX.81-6-6788-7393

※SUBJECT TO CHANGE ITEM WITHOUT PRIOR NOTICE



2014. DECEMBER PRINTED IN JAPAN © 500

SWANS
JAPANESE QUALITY

PROTECTING YOUR EYES, PROTECTING YOUR HEAD.
IT IS SWANS' IDENTITY.

2015—16
SNOW GOGGLES & HELMETS COLLECTION

The advertisement features a collage of images related to winter sports. At the top left, a skier in a red and white suit is captured mid-turn. The center of the ad is dominated by a large, close-up image of a snow goggle with a rainbow-reflective lens. To the right of the goggle, a white snow helmet is shown. The background consists of various blue-toned images of snowy mountain peaks and a skier descending a slope. The overall design uses sharp diagonal lines to separate the different elements.

A SIGN of TRUST

SWANS
JAPANESE QUALITY

The history of snow resorts in Japan stretches back more than a century.
Winter sports enthusiasts flock from far and wide,
drawn by abundant, fine-quality snow resulting from the unique geographic environment of the Far East.
You, too, are sure to be enchanted by the rich and varied culture and majestic nature of Japan.
This is the marvelous environment in which SWANS has been creating its products since 1911.
The snowscapes of Japan pose myriad, daunting challenges as well, however,
including mountainside climates that change in the blink of an eye, deep snow,
damp air that can be as thick as clouds, and steep and varied slopes.
The mission of SWANS is to tackle the challenges presented by this environment
and enable people to enjoy winter sports with a maximum of safety and comfort.
We apply our state-of-the-art technologies to the pursuit of genuine comfort,
and enable our users to achieve it.
Sterling quality and solid reliability. That's the mark of SWANS.

GOGGLES

PAGE07 — [ROY]O

PAGE09 — SWANS×boa

PAGE10 — C2N

PAGE11 — ELEMENT

PAGE12 — NEO, COUPE-MINI

PAGE13 — 050, 020

PAGE14 — 010, 070

PAGE15 — HELI

PAGE16 — GUEST

PAGE17 — ELECTRICAL

PAGE19 — CHAMBO

PAGE20 — JUMPIN'

PAGE21 — JR. & KIDS

PAGE22 — ACCESSORIES

INDEX

HELMETS

PAGE26 — RACING HELMETS

PAGE27 — FREE RIDE HELMETS

SWANS GOGGLES TECHNOLOGY

SWANS snow goggles protect athletes' eyes from severe snow conditions and always provide them the best view.

SWANS snow goggles respond to various light conditions on the snow, protect your eyes from UV, snows, winds and dusts and always maintain a comfortable view. SWANS provides the most advanced technology and the best quality when it comes to snow goggles.

boa® Boa® Closure System (PAT.P)

SWANS JAPANESE QUALITY × boa®

SWANS launches the first snow goggles equipped with Boa® Closure System in the world.

Adjusting reel for the strap length

Wire lace

TIGHTEN
Push in knob and rotate clockwise, then the lock is tightened.

LOOSEN
Pull out knob, then the lock is released and the strap is free to move.

Glove-like Fit
It provides you with a perfect fit with its unique tightening and loosening system.

Micro-adjustability
It is designed to have a precision adjustment for each size of the user's head.

Fast
Easy and quick procedure for tightening and loosening.

Secure
Once locked, it would never be loosened.

Boa® is registered trade mark which is possessed by Boa Technology Inc.

ICE BLUE LENS (PAT.P)

Light viewed through the lenses is close in color to natural light, while gaining intensified contrast so that objects appear sharp and clear. Visibility is improved, making it easier to track obstacles, people's movements and so forth.

The Ice Blue Lens was developed through joint research with the Nara University Faculty of Biology-Oriented Science and Technology aimed at employing optical control technology to maximize contrast. The objective of the Ice Blue Lens is to produce color matching properties and control the viewing that experienced by the naked eye, so as to make objects more clearly visible.

Naoki Matsumoto (Associate professor of Nara University)
Department of Biomechanical and Human Factors Engineering
Faculty of Biology-Oriented Science and Technology



EASY 4 LOCKS (PAT.P)

Easy interchangeable lens with clamping lock system

You can interchange the lenses by clamping four locks on the goggles. There's no worry for getting fingerprints on the lens because it can be interchanged without touching the lens by hand. Now it is possible to get the best view by a quick interchange of lenses according to the weather conditions or the hours of the day.

Lens removal operation

- Test the 4 clamps on the front frame.
- Push in the left and right trigger parts in order to remove the lens.
- Pull out the lens from the frame.

Lens insertion operation

- Fix the lens into position above the frame nose section.
- Push in the left and right trigger parts in order to fit the lens in.
- Test the 4 clamps to lock the lens in place. Insertion is now complete.

HEAT LENS SYSTEM (PAT.P)

The lens produces heat within itself and prevents fogging.

The transparent electric heating element built in the lens clears fogging or frost by the power of a chargeable lithium-polymer battery. It supports safe skiing by providing a clear view even under severe circumstances.



SPHERICAL LENS

SPHERICAL LENS has a very similar spherical shape to the human eyeball. It has very strong durability to impact, cold temperature resistance and heat resistance. It prevents the distortion of an optical component and has a wide visibility. The wider space inside of the goggles generates a more effective anti-fog ability.

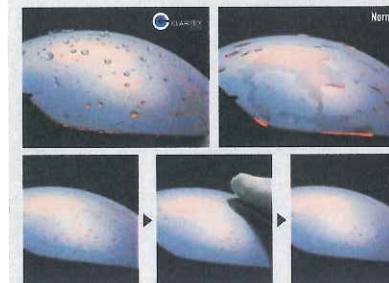


CLARITEX COAT

CLARITEX is a special coating which provides "Water repellency" and "Stain resistance" on the lens surface. CLARITEX has superb water repellency which can resist any water-drops on the lens and it maintains clear visibility even in wet weather conditions. CLARITEX also resists any stains or smears such as finger-prints or water-stains. Even in case that it is stained, you can remove these stains easily and it is also anti-scratch.

Clear & Clean

SWANS new state of the art water repellent lens coating repels water for clearer vision in wet conditions. CLARITEX anti-scratch lens coating keeps your lens looking brand new year after year.



UV CUT

Harmful ultraviolet rays can cause damaging eye disease such as cataract, as well as causing skin cancer. All the lenses on SWANS goggles can block this harmful ultraviolet rays and promise comfort and safe visibility.



POLARIZED LENS

SWANS is the first brand that offered polarized lens ski goggles in the world and have marketed all over the world for more than decades.

POLARIZED LENS shuts out the blue light which creates an unclear vision. Light waves traveling freely can vibrate in any direction. When light strikes a horizontal surface such as snow or water, it vibrates horizontally, creating glare. POLARIZED LENS is designed to block the reflected glare from the snow surface. The end result is an enhanced visual sharpness and reduced eye fatigue. To facilitate this clear vision upon different weather, we have different polarized lens colors.



DOUBLE LENS

DOUBLE LENS is very light in weight and flexible in shape as a single lens. It provides a stable fitting feeling and high safety. An air layer between double lenses can perform an anti-fog feature very effectively.



ANTI-FOG LENS

ANTI-FOG LENS eliminates fogging very efficiently with its anti-fog coating on the inside of the lens. With the combination of a ventilating feature (ventilating mesh) on the frame, it provides a much clearer vision.



SWANS GOGGLES TECHNOLOGY

TBR FAN SYSTEM

Micro compact electric motor fan vents humid air which causes the fogging up of the lenses inside the goggle. TBR FAN SYSTEM keeps very clear visibility under any circumstances. It is also designed for gloved hand operation.



GLASS-IN

All GLASS-IN models are designed to fit for wearing glasses, which provides a wider and deeper space inside of the goggle. Wider ventilation can prevent fogging up on the glasses as well as goggle itself.



3D-BELT-TAB (FOR HELMET)

The three dimensional "recurve" strap parts (3D BELT TAB) can give the better fitting with or without helmets.



CLARITEX MESH

CLARITEX MESH is resin-finished for "Water repellency" and "Stain resistance". It has a high ventilation ability even in snowing or raining conditions.



PUFF FOAM

PUFF FOAM has a very high water-absorbing property. It absorbs perspiration very effectively and prevents humidity inside the goggle. It is also very comfortable and stress-free even for long hour usage.



HELMET FIT

HELMET FIT goggles are designed based on plenty of sampling experiences. It provides a better fitting even when wearing on the helmet by applying accessory parts.



NON-SLIP STRAP

Backside silicon resin strap provides non-slip feature even for the helmet or cap wearing.



ROUND BUCKLE (BH-12)

ROUND BUCKLE provides a very easy quick-release even by gloved hands. Its wide range of motion also provides best fitting for any heads, helmets and caps.



SWANS LENSES COLOR VARIATION

	LENS COLOR	F.C.	VISIBLE LIGHT TRANSMISSION		COLOR APPEARANCE	WEARER'S VIEW	Filter Category					
			CYLINDER	SPHERICAL			Trans. range (%)	UV (%)	Shade (magn.)	Color	Dist.	Contr.
CLEAR	CLEAR	1	—	76%								
	SILVER MIRROR x CLEAR	3	—	18%								
	SHADOW MIRROR x CLEAR	1	—	82%								
GRAY	GRAY	1	48%	—								
	BLACK MIRROR x GRAY	3	—	18%								
	BLACK MIRROR x POLA GRAY	3	17%	—								
	SHADOW MIRROR x POLA GRAY	2	—	28%								
	PASTEL BLUE MIRROR x POLA GRAY	2	26%	20%								
PINK	XED-PINK	2	35%	—								
	LCD-PINK	2/1	31% (on) 62% (off)	—								
	PINK	1	46% (on) 56% (off)	—								
	BRIGHT PINK	1	—	55% (on) 67% (off)								
	POLA PINK	2	33%	—								
	SILVER MIRROR x PINK	3	—	12%								
	SHADOW MIRROR x PINK	1	44%	—								
	PASTEL YELLOW MIRROR x LIGHT BROWN	2	—	35%								
	PASTEL BROWN MIRROR x PINK	2	28%	—								
	PASTEL BROWN MIRROR x BRIGHT PINK	1	—	47%								
	PASTEL BLUE MIRROR x PINK	2	30%	—								
	SHADOW MIRROR x POLA PINK	2	42%	—								
ORANGE/AMBER	PASTEL BROWN MIRROR x POLA PINK	2	30%	30%								
	ORANGE	1	51% (on) 53% (off)	—								
	POLA TRI-AMBER	2	38%	—								
BLUE	PASTEL YELLOW MIRROR x POLA PINK	2	24%	—								
	PASTEL BLUE MIRROR x ICE BLUE	2	—	33%								

Clear Lenses

Subjective field of vision clearly resembles that of a naked eye. UV rays are cut even in clear-lens model.

Grayish Lenses

These lenses can filter light evenly and provide clear and natural view. Even with prolonged use, your eyes do not feel fatigue.

Pinkish Lenses

These lenses offer sharp view by absorbing blue light. And it helps to provide lighter view in general.

Orange/Amber Lenses

These lenses cut the blue light which is the main cause of eye fatigue and provide a sharp and clear view. It also helps to see moving objects better.

Bluish Lenses

Ice Blue introduces the color contrast and brings closer view on the objects.



All our goggles conform to EN174 standard (December 1996 edition) and fulfill the requirement of the European Directive 89/686/EEC and are therefore allowed to be marked with CE-sign.

F.C.—Filter Category

This chart shows their features in general. It may have difference to each individual.

SUBJECT TO CHANGE ITEMS WITHOUT PRIOR NOTICE

SWANS NEW TECHNOLOGY

[ROV]O

ABSORBENT GOGGLES

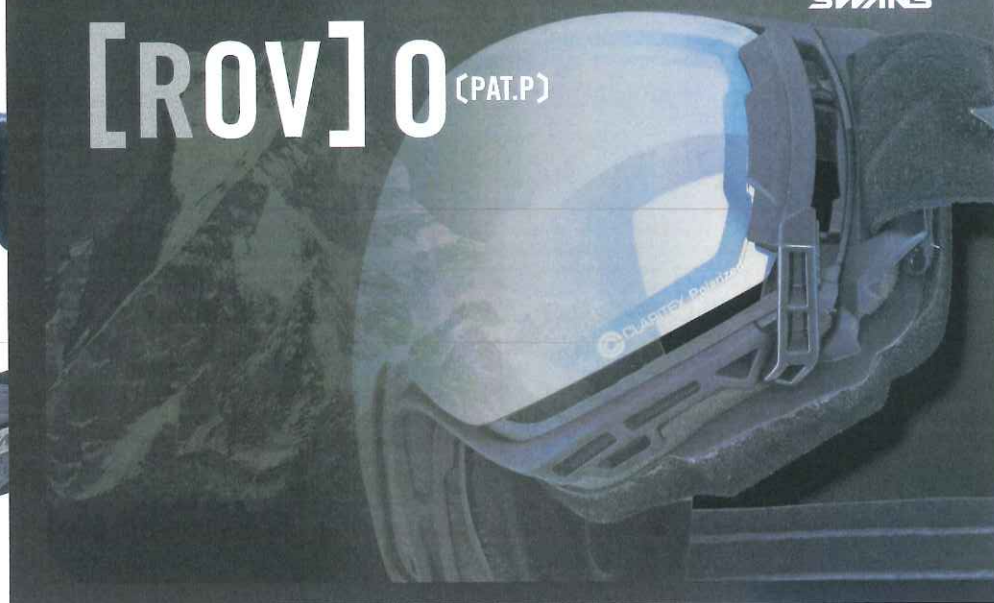
[ROV]O (PAT.P)

In skiing and snowboarding, there's nothing more important than maintaining a clear field of vision. However, on a long ride down the slope, moisture can build up inside your goggles, making it difficult to see and increasing the risk of accidents or decline in performance. New [ROV]O was designed to solve this problem, without you having to waste time by taking off your goggles and removing the mist buildup each time visibility becomes poor. [ROV]O goggles seem to be consciously absorbing moisture as you wear them. And, they can be instantly ventilated with a single, simple action. The last word in goggles. New [ROV]O from SWANS.



[ROV]O (PAT.P)

SWANS



WHAT'S [ROV]O? SPEC OF [ROV]O



Keep a clear field of view at all times!

A-BLOW SYSTEM

Push forward the levers on both sides of the lower part of the frame, and the lenses separate from the frame, instantly ventilating the interior of the goggles and releasing moisture. This opens up your field of vision and ensures a safe and exhilarating trip down the slopes.



Push forward the left- and right-side levers on the lower part of the frame, and the lenses pop up in front, bringing in outside air to ventilate the inside of the goggles.

After ventilation is complete and moisture has been removed from the goggles' interior, slide the left- and right-side levers back inside the goggles, and the lenses return to their previous position.

*Do not operate while you are in motion, or go down the slope with the lenses in popped-up position. These actions are dangerous.

HOW TO REPLACE THE LENS

HOW TO USE [ROV]O



NEW [ROV]O-MDH-SC-LI

A-BLOW SYSTEM



NEW [ROV]O-MDH-SC

A-BLOW SYSTEM



SWANS x boa [PAT.P]

Boa® is registered trade mark which is possessed by Boa Technology Inc.

BEST FEATURE

boa® Boa® Closure System

SWANS launches the first snow goggles equipped with Boa® Closure System in the world.

- Glove-like Fit** It provides you with a perfect fit with its unique tightening and loosening system.
- Micro-adjustability** It is designed to have a precision adjustment for each size of the user's head.
- Fast** Easy and quick procedure for tightening and loosening.
- Secure** Once locked, it would never be loosened.

C2N-MDH-SC×boa

TRIGGER PARTS



MDH-121
Frame Color : MATT BLACK
Lens Color : PASTEL BROWN MIRROR-BRIGHT PINK



MDH-122
Frame Color : WHITE/BLACK
Lens Color : PASTEL BROWN MIRROR-BRIGHT PINK



HELI-MPDH×boa

TRIGGER FRAME



MDH-123
Frame Color : MATT BLACK
Lens Color : SHADOW MIRROR-PINK



MDH-124
Frame Color : GLOSS PINK
Lens Color : SHADOW MIRROR-PINK



JUMPIN-DH×boa



MDH-125
Frame Color : SUPER WHITE
Lens Color : ORANGE



MDH-126
Frame Color : SUPER WHITE
Lens Color : ORANGE



C2N [PAT.P]

CHANGE TO NEXT

The C2N goggles are the SWANS snow goggles flagship model. They are equipped with the Easy 4 Locks system, which makes replacing the lenses a simple task for any user. The lenses are treated with a Claritex Coat that dispels water droplets from the lenses even in adverse weather conditions such as rain and snow. With wide field of view, the lenses allow swift tracking of changes in environmental conditions.

CLARITEX MESH

CLARITEX MESH is resin-coated for "Water repellency" and "Stain resistance". It has a high ventilation ability even in freezing or raining conditions.

EASY 4 LOCKS (PAT.P)

Lock system that makes easy to interchange lens.

1. Twist the 4 clamps on the front frame.
2. Pull out the left and right trigger parts in order to remove the lens.
3. Lift out the lens from the frame.
4. Push in the left and right trigger parts in order to fit the lens in.
5. Twist the 4 clamps to lock the lens in place. Insertion is now complete.

C2N-MDH-SC-LI

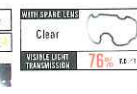
ROUND BUCKLE (BH-12) TRIGGER PARTS NON-SLIP STRAP
SPARE LENS



MDH-127
Frame Color : MATT WHITE
Lens Color : BLACK MIRROR-GRAY



MDH-128
Frame Color : BLACK/BLACK
Lens Color : PASTEL BLUE MIRROR-ICE BLUE

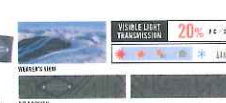


C2N-MPDH-SC

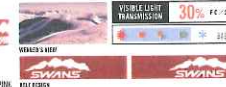
ROUND BUCKLE (BH-12) TRIGGER PARTS
NON-SLIP STRAP



MDH-129
Frame Color : MATT BLACK
Lens Color : PASTEL BLUE MIRROR-POLAR GRAY



MDH-130
Frame Color : MATT OLIVE
Lens Color : SHADOW MIRROR-POLAR GRAY



C2N-MDH-SC

ROUND BUCKLE (BH-12) TRIGGER PARTS
NON-SLIP STRAP



MDH-131
Frame Color : LIME GREEN
Lens Color : SHADOW MIRROR-CLAR



MDH-132
Frame Color : SILVER
Lens Color : PASTEL BROWN MIRROR-BRIGHT PINK



ELEMENT

For many years, these have been the goggles of choice for alpine skiers, ski jumpers and other high-speed skiers. The lenses are treated with a Claritex Coat that dispels water droplets from the lenses even in adverse weather conditions such as rain and snow.

PUFF FOAM

PUFF FOAM has a very high noise-absorbing effect that absorbs noise very effectively and keeps it away from the inside. It is also very comfortable and stress-free even for long-term use.

CLARITEX MESH

CLARITEX MESH is specially treated for "water repellency" and "dew repellency". It has a high ventilation ability even in strong or varying winds.

NEO [PAT.]

Trusted by skiers the world over, these snow goggles have earned numerous accolades in the field of alpine skiing. They are equipped with "Power Arm" so they won't detach from the face even when a helmet is worn.

SWANS

POWER ARM [PAT.]

Developed by SWANS about 20 years ago, Power Arm is a mechanism that keeps the goggles pressed close to the face even when a helmet is worn, and minimizes the gap between the helmet and the goggles.

NEO-PDH

■ROUND BUCKLE(BH-12) ■TRIGGER FRAME ■NON-SLIP STRAP



Frame Color: BLACK
Lens Color: POLAR TRI-ANGLER



Frame Color: BLACK
Lens Color: POLAR TRI-ANGLER



Frame Color: SILVER
Lens Color: POLAR TRI-ANGLER



Icon Description

UV CUT

Harmful ultraviolet rays can cause damaging eye disease such as cataract, as well as causing skin cancer. All the lenses of SWANS goggles can block the harmful ultraviolet rays and provide comfort and safe visibility.



SPHERICAL LENS

SPHERICAL LENS has a very similar spherical shape to the human eyeball. It has very strong durability to impact, cold temperature resistance and heat resistance. It prevents the distortion of an optical component and has a wide visibility. The wider space inside of the goggles generates a more effective anti-fog ability.



DOUBLE LENS

DOUBLE LENS is very light in weight and flexible in shape as a single lens. It provides a stable fitting feeling and high safety in a lower between double lenses can perform an anti-fog feature very effectively.



ELEMENT-MDH-SC

■ROUND BUCKLE(BH-12) ■NON-SLIP STRAP



Frame Color: BLACK PFD
Lens Color: PASTEL BROWN MIRROR BRIGHT PINK



Frame Color: DEEP BLACK
Lens Color: PASTEL YELLOW MIRROR LIGHT BROWN



Frame Color: MATTE WHITE
Lens Color: SHIMMER MIRROR+CLEAR



Frame Color: MATTE BLACK P
Lens Color: PASTEL BLUE MIRROR+ICE BLUE



COUPE-MINI-PDH

■ROUND BUCKLE(BH-12) ■TRIGGER FRAME ■NON-SLIP STRAP



Frame Color: BLACK
Lens Color: POLAR TRI-ANGLER



Frame Color: SKY BLUE
Lens Color: POLAR TRI-ANGLER



Frame Color: SILVER
Lens Color: POLAR TRI-ANGLER



Icon Description

DOUBLE LENS

POLYMER LENS

UV CUT

SPHERICAL LENS

HEAT RESISTANT

GLASS-IN

CLARITEX COAT

CLARITEX MESH

PUFF FOAM

ANTI-FOG

WINDSTOP

HEAT RESISTANT

EASY 4 LOCKS

Weather conditions

050

Basic model with an emphasis on basic performance.

050-DH



Frame Color: BLACK+RED
Lens Color: ORANGE



Frame Color: WHITE+GRAY
Lens Color: ORANGE



Frame Color: BLACK+GREEN
Lens Color: ORANGE



020

Basic model with an emphasis on basic performance.

020-DH



Frame Color: BLUE
Lens Color: ORANGE



Frame Color: BLACK
Lens Color: ORANGE



Frame Color: LIME
Lens Color: ORANGE



Icon Description



13

SWANS

010

Unisex goggle with a simple and standard shape. It provides wider view and comfortable fitting. Its movable side parts get a firm grip when wearing helmet.

010-MDHS



Frame Color: BLACK+PINK
Lens Color: BLACK MIRROR+PINK



Frame Color: WHITE+BLACK
Lens Color: SILVER MIRROR+CLEAR



070-MDHS



Frame Color: PINK
Lens Color: SILVER MIRROR+PINK



Frame Color: BLACK
Lens Color: SILVER MIRROR+CLEAR



14

HELI - OPTIC -

SWANS offers goggles that can be worn over glasses, and are designed to accommodate as wide a range of glasses frame types as possible. They also feature high-spec polarized lenses. The side parts on the frame allow for an excellent fit and keep goggles firmly in place when helmet is worn.

HELMET FIT

Designed for maximum safety, these goggles allow you to wear a helmet in the most secure and comfortable way possible. The side parts on the frame allow for an excellent fit and keep goggles firmly in place when helmet is worn.

GLASS-IN

These goggles allow you to wear glasses inside them and wear a helmet in the most secure and comfortable way possible. The side parts on the frame allow for an excellent fit and keep goggles firmly in place when helmet is worn.

GUEST - OPTIC -

SWANS offers goggles that can be worn over glasses, and are designed to accommodate as wide a range of glasses frame types as possible. They also feature high-spec polarized lenses. The side parts on the frame allow for an excellent fit and keep goggles firmly in place when helmet is worn.

HELMET FIT

Designed for maximum safety, these goggles allow you to wear a helmet in the most secure and comfortable way possible. The side parts on the frame allow for an excellent fit and keep goggles firmly in place when helmet is worn.

GLASS-IN

These goggles allow you to wear glasses inside them and wear a helmet in the most secure and comfortable way possible. The side parts on the frame allow for an excellent fit and keep goggles firmly in place when helmet is worn.

Icon Description

UV CUT

Harmful ultraviolet rays can cause damaging eye disease such as cataract, as well as causing skin cancer. All the lenses on SWANS goggles can block the harmful ultraviolet rays and promise comfort and safe visibility.



POLARIZED LENS

POLARIZED LENS shuts out the blue light which creates an unclear vision. Light waves traveling freely can vibrate in any direction. When light strikes a horizontal surface such as snow or water, it vibrates horizontally creating glare. POLARIZED LENS is designed to block the reflected glare from the snow surface. The end result is an enhanced visual sharpness and reduced eye fatigue. To facilitate this clear vision upon different weather, we have different polarized lens colors.



DOUBLE LENS

DOUBLE LENS is very light in weight and flexible in shape as a single lens. It provides a stable fitting feeling and high safety. As it is made between double lenses can perform an anti-fog feature very effectively.



HELI-MPDH

■ ROUND BUCKLE (BH-12) ■ TRIGGER FRAME
■ NON-SLIP STRAP



HELI-PDH

■ ROUND BUCKLE (BH-12) ■ TRIGGER PARTS
■ NON-SLIP STRAP



GUEST-MPDH

■ ROUND BUCKLE (BH-12) ■ NON-SLIP STRAP



GUEST-PDH

■ ROUND BUCKLE (BH-12) ■ NON-SLIP STRAP



ELECTRICAL

The Electrical series represents the culmination of around four decades of SWANS snow goggle technology. The constantly evolving TBR and HEAT Lens system minimize lens fogging even in the harshest environments, ensuring clear visibility and safety.

HELI Heli-MPDTBS-N

ROUND BUCKLE (BH-12) TRIGGER FRAME
NON-SLIP STRAP



Frame Color: WHITE/BLACK
Lens Color: PASTEL BROWN/IRIDIUM/OLIVIA/INK



Frame Color: SEPIA
Lens Color: SMOKE/IRIDIUM/POLA/PIKE

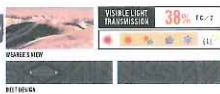


HELI Heli-PDTBS-N

ROUND BUCKLE (BH-12) TRIGGER FRAME
NON-SLIP STRAP



Frame Color: MATT BLACK/P
Lens Color: POLA/TRA/AMBER



Frame Color: OLIVE/RED
Lens Color: POLA/PIKE



Function point



Power Switch
The power switch slides up and down for "EVER" (continuous use), "AUTO" (turns on sensor line OFF (stop) position). This switch can be handled even by gloved hand.



Battery case
AAA cell battery for use.



Humidity Sensor
When fogging occurs, the humidity sensor detects the humidity inside of the goggle and starts up the fan automatically.



Micro Turbo Fan
When fogging occurs, the small electric fan exhausts the humid air from the inside of the goggle.

DREAD DREAD-PTBR

ROUND BUCKLE (BH-12) HEAT LENS AIR INTAKE
NON-SLIP STRAP



Frame Color: SUPER BLACK
Lens Color: POLA/TRA/AMBER



Function point



Battery Case & Rotary Switch
The battery case for the AAA battery also works as a rotary switch. It is easy to operate even with gloves.



Micro Turbo Fan
When fogging occurs, the small electric fan exhausts the humid air from the inside of the goggle.

Icon Description



SWANS

NEW GUEST GUEST-LCD

INSTANTANEOUS COLOR CHANGE

ROUND BUCKLE (BH-12) NON-SLIP STRAP
USB cable included



Function point



Lens color changes to match weather conditions.
With a single push of a button, you can easily switch between two levels of tint factor, allowing the user to set desired tint levels in response to rapidly changing weather or slope conditions. The sensor of color and surrounding an auto lens has been simulated.



Extremely easy to use.
The GUEST-LCD was designed to be easy to use even when wearing ski gloves. Pushing down the switch button for a few seconds allows the sensor to detect the ambient ambient light, letting the user to effortlessly get the switching threshold to match the light on the slopes.



Built-in USB rechargeable battery.
The goggle's battery is charged using the included USB cable. Once fully charged, the goggles can be opened continuously for 20 hours.

RUSH-XED

ROUND BUCKLE (BH-12) NON-SLIP STRAP



Frame Color: RUBY
Lens Color: XED/PIKE



Frame Color: BLUE/BLACK
Lens Color: XED/PIKE



HELI Heli-XED

ROUND BUCKLE (BH-12) TRIGGER PARTS
NON-SLIP STRAP



Frame Color: RUBY
Lens Color: XED/PIKE



Frame Color: BLUE/BLACK
Lens Color: XED/PIKE



XED-series Function point

Built-in lithium-polymer battery
Electric rechargeable lithium-polymer battery is standard. On the view, it is possible to provide approximately 2.5 hours of continuous use. There is a possibility that temperature can change this operating time.



CLARITEX MESH
CLARITEX MESH is resin-finished for "fader resistance" and "stain resistance". It has a high ventilation ability even in snowy or sunny conditions.



HEAT lens system
The transparent electric heating element built in the lens clears fogging or frost by the power of a rechargeable lithium-polymer battery. It supports safe skiing by providing a clear view even under adverse circumstances.



XED-series accessories
Lithium-polymer battery (3.7V 160mAh)
USB cable
Battery case
Battery cover

CHAMBO

All the know-how we have amassed in the ski-racing world's incorporated into this junior racing model. Ensures safe riding with an unbeatable helmet fit.

JUMPIN'

- OPTIC -

SWANS is proud to present the long-awaited junior goggles model that's wearable over glasses. The strap is equipped with a name plate where the user's name can be written, so you don't have to worry about them getting lost.



HELMET FIT

Designed for maximum safety, these goggles allow you to wear glasses under them and wear a helmet as well. Double strap with extra strap fit snugly without needing cement.



GLASS-IN

Double strap with extra strap, and helmet with as well.

Icon Description

UV CUT

Harmful ultraviolet rays can cause damaging eye disease such as cataract, as well as causing skin cancer. All the lenses on SWANS goggles can block the harmful ultraviolet rays and provide comfort and safe visibility.



POLARIZED LENS

POLARIZED LENS shuts out the blue light which creates an unclear vision. Light waves traveling freely can vibrate in any direction. When light strikes a horizontal surface such as snow or water, it vibrates horizontally, creating glare. POLARIZED LENS is designed to block the reflected glare from the snow surface. The end result is an enhanced visual sharpness and reduced eye fatigue. To facilitate this clear vision upon different weather, we have different polarized lens colors.



HELMET FIT

HELMET FIT goggles are designed based on plenty of sampling experiences. It provides a better fitting even when wearing on the helmet by applying necessary parts.



CHAMBO-PDH

ROUND BUCKLE (BH-12) MOUTH-SLIP STRAP



WOMEN'S VIEW
Frame Color : WHITE
Lens Color : POLA-BLUE AMBER



WOMEN'S VIEW
Frame Color : DEEP BLACK
Lens Color : POLA-PINK



WOMEN'S VIEW
Frame Color : PINK-PINK
Lens Color : POLA-PINK



JUMPIN'-DH

ROUND BUCKLE (BH-12) MOUTH-SLIP STRAP NAME PLATE



WOMEN'S VIEW
Frame Color : BRIGHT BLUE
Lens Color : ORANGE



WOMEN'S VIEW
Frame Color : SUPER BLACK
Lens Color : ORANGE



WOMEN'S VIEW
Frame Color : WHITE-ORANGE
Lens Color : PINK



WOMEN'S VIEW
Frame Color : RED-BLACK
Lens Color : PINK



JUMPIN'-H

ROUND BUCKLE (BH-12) NAME PLATE



WOMEN'S VIEW
Frame Color : SUPER WHITE
Lens Color : ORANGE



WOMEN'S VIEW
Frame Color : BLUE-BLACK
Lens Color : ORANGE



WOMEN'S VIEW
Frame Color : PINK-PINK
Lens Color : ORANGE



Jr. & KIDS

Young children enjoy skiing too and love to play in the snow. No matter how young, though, their eyes need protection from ultraviolet rays. SWANS goggles for juniors and kids make no compromises on UV-cutting performance.

101S



101S
Frame Color : BLUE/WHITE
Lens Color : GRAY



WEARER'S VIEW
BEST DESIGN



101S
Frame Color : BLUE/WHITE
Lens Color : GRAY



WEARER'S VIEW
BEST DESIGN



101S
Frame Color : RED/WHITE
Lens Color : GRAY



WEARER'S VIEW
BEST DESIGN



101S
Frame Color : RED/WHITE
Lens Color : GRAY



WEARER'S VIEW
BEST DESIGN

RICKY-S



RICKY-S
Frame Color : YELLOW
Lens Color : GRAY



WEARER'S VIEW
BEST DESIGN



RICKY-S
Frame Color : RED/WHITE
Lens Color : GRAY



WEARER'S VIEW
BEST DESIGN

ACCESSORIES

GOGGLE CASE

Color : Black
Material : EVA
Size : 100mm



MADE IN JAPAN

A-45 ANTI-FOG LIQUID SET

Box contains : 3Bottle



MADE IN JAPAN

LENS CLEANER



MADE IN JAPAN

A-132 NAME PLATE



MADE IN JAPAN

This name plate can easily be attached to goggles and is made of soft material so it can safely be used by kids as well.

SWANS

GOGGLE CASE

Color : Black
Material : EVA
Size : 100mm



MADE IN CHINA

A-49 WATER REPELLANT LIQUID

Box contains : 6 Bottles



MADE IN JAPAN

LENS CLEANER

Box contains : 2Bottle



MADE IN JAPAN

BH-12 BELT CLIP



MADE IN JAPAN

The goggle strap can be extended by applying BH-12 so that it can be fitted many helmets.
*The strap buckle needs to be compatible with BH-12.

SWANS HELMETS SERIES

It is SWANS' purpose to protect your eyes and head.



Importance of the helmet

The "Helmet" is an essential item to protect a person's head and even their life when falling or crashing during hazardous situations, such as in ski-racing or back-country skiing. However, the recognition of the danger in snow sports and the importance of the helmet have not been well understood among general skiers or snow boarders.

People may think that "snow is soft", however it can become very hard like asphalt depending on the weather conditions. There are also many dangerous objects, for example, visible objects such as stakes for the lift or trees, rocks or bushes covered by snow and sometimes colliding with other skiers can not be anticipated.

It is barely achievable to remove all the dangers in snow sports even when the snow slope is perfectly conditioned or the person skis at a slow speed. To protect a person's head which includes the human's most important organ "the brain", is essential for safer and more comfortable snow sports. The helmet certainly plays the role of the seatbelt for snow sports.

Increase of helmet wearers

The percentage of helmet wearers in Europe and North America is now reported to be more than 60 percent. This is seen in the fact that having children wear helmets is legislated in several countries and more can be expected with the increase of safety awareness. The snow helmet is becoming more widespread all over the world.

Designs for respective uses

The features required on the helmet for each use are different since the elements of danger can be varied. For example, the dangers for alpine skiing, back-country skiing, and general skiing have different types of danger to each other. SWANS snow helmet lineups provide suitable safety and comfort features for these different uses.



How to put on a helmet correctly

- 1 Put the helmet on tightly so that there are no gaps between head and helmet, even at the crown of the head.
- 2 Pull the chin strap tight and fasten it firmly so that it does not come loose.
- 3 Adjust the strap of the goggles and attach the goggles so that they do not become loose.
*When there is a large gap between the helmet and the top of the goggles, it means either the helmet or the goggles do not fit properly. Be careful to ensure the helmet and goggles fit properly so that the helmet does not come off during a fall or collision.
- 4 Please do not put on the helmet over the goggle strap when you are wearing a goggle for safety reason.



SWANS HELMETS TECHNOLOGY



HARD SHELL

Protecting the world's alone skiers for over 30 years, SWANS helmets are made with high-density ABS hard shell, a trusted material with a proven track record. CE specifications EN1077 certified



IN-MOLD SHELL

Containing a hard outer shell and highly impact-resistant EPS foam liner, this helmet achieves a lighter weight and superior comfort and safety. CE specifications EN1077B certified



Boa® CLOSURE SYSTEM [PAT.P]

The Boa® Closure System features a rear dial that is turned to activate the forehead strap and intermediate guides built into the inside of the helmet, finally tightening the helmet all around the head, rather than only in specific parts as in conventional helmets. It's so easy to operate, size adjustments can now be made even with a single gloved hand.



Boa® is registered trade mark which is possessed by Boa Technology Inc.



SIZE ADJUSTING PAD

Size adjusting pad can produce the best fitting by attaching them onto the inside of the helmet. The helmets in HMR series have 8 pockets for these pads.



SIZE ADJUSTING FASTENER

By adjusting the dial equipped at the back, you can get a better fitting for your head. It can be adjusted very easily even with a single hand.



SWANS



RETRACTABLE EAR HOLE

Retractable ear hole can be handled by fingertip operation. With setting at open position, the user can hear the outside sound and it supports safer activity. On the other hand, closed position is preferred for the circumstances such as the racing competitors to shut down the noisy wind and other sounds for the better concentration.



REMOVABLE EAR PAD

Removable ear pads protect your ears very comfortably. It is removable and attachable for any occasions.



FIDLOCK SNAP HELMET BUCKLE

The patented magnetic fastener technology offers a number of advantages: it enables virtually automatic closing and allows the fasteners to be opened in a user-friendly manner with just one hand - even when wearing gloves. The fasteners are also highly reliable, robust and secure.



GOGGLE STRAP HOLDER

Goggle strap holder keeps goggle strap in right position and avoids the goggles slipping off the helmet.



RETRACTABLE AIR INTAKE HOLE

Fingertip ventilation hole brings fresh air in effectively and prevents humid condition inside of the helmet.



AIR INTAKE HOLE

Air intake hole can ventilate the air into inside of the helmet effectively and prevents the humidity around the head.



SWANS HELMETS & GOGGLES COORDINATE

SWANS helmets & goggles provide a better fitting & safety.
SWANS helmets provide suitable features for different snow scenes.

TYPE - 1 RACING  HELMET HMR-70 BLUE x WHITE P26 + GOGGLE ELEMENT-MDH-SC MATT WHITE P11	TYPE - 2 RACING (JUNIOR)  HELMET H-50 BLACK P26 + GOGGLE CAMBO-PDH DEEP BLACK P19	TYPE - 3 FREE RIDE  HELMET HSF-150 MATT BLACK P27 + GOGGLE C2N-MDH-SC x BOB MATT BLACK P9
TYPE - 4 FREE RIDE  HELMET HSF-300 MATT OLIVE P28 + GOGGLE R0V0-MDH-SC-LI MATT OLIVE P8	TYPE - 5 FREE RIDE  HELMET HSF-200 MATT ORANGE P28 + GOGGLE R0V0-MDH-SC SEPIA P8	TYPE - 6 FREE RIDE  HELMET HSF-130 TITAN SILVER P28 + GOGGLE C2N-MDH-SC LIME GREEN P10
TYPE - 7 JUNIOR (YOUTH)  HELMET H-60 MATT BLACK P29 + GOGGLE JUMPIN-DH x BOB SUPER BLACK P9	TYPE - 8 JUNIOR  HELMET H-41 FLASH PINK P29 + GOGGLE JUMPIN-MDH PINK x PINK P20	TYPE - 9 KIDS  HELMET H-55 BLUE x BLUE P30 + GOGGLE JUMPIN-DH BLUE x LIGHT BLUE P20



HMR-70
Standard EN1077A



H-50
Standard EN1077B



