

Thank you for your purchasing SWANS Snow Helmet.

This manual explains how to handle SWANS Snow Helmet correctly.

Please read through the manual before using Snow Helmet so as to use the product correctly and maximize its functions.

Be sure to keep the manual at hand even after reading. If you have lost the manual by any chance, contact us or store to request the new one.


Please use Snow Helmet correctly and enjoy winter sports safely and comfortably.

To parents: When your child uses Snow Helmet, please read this instruction manual beforehand and explain the content carefully to him/her for easier understanding.


SYMBOLS

The symbols used in this manual have the following meanings:

Understand the symbol definitions well and then read the instruction texts.


 Warning: Indicates that negligence of described matters may possibly cause death, serious injury or fatal accident.

 Caution: Indicates that negligence of described matters may possibly cause slight injury or breakage of the helmet.

 : Indicates a prohibited activity.


 : Indicates an obligatory activity to be obeyed.


WARNING


 Snow Helmet is specially designed for skiing and snowboarding. You cannot use it with a riding tool with engine, such as an automobile, motorbike, motorized two-wheeled vehicle and snowmobile, or for any other purposes.


 It is prohibited for children to handle a playing tool around the ski slope with the helmet on.


(The helmet may be hooked to a playing tool, causing an unexpected danger.)


 Once the helmet receives a shock, its shock absorbing capability is deteriorated and possibly may to cause danger. Be careful not to use the one getting shocked any more.


 The following actions are prohibited: Disassembly of helmet main unit, modification of helmet main unit by cutting or machining, painting to outer shell, removal of chin strap, attachment of external terminals to structures not specially specified, and attachment of non-genuine parts. These activities will damage the helmet essential performances and accordingly cause serious danger.


 Do not wear a helmet of other person. Using the one for which you do not well understand the usage state will be very dangerous.


 When providing SWANS Snow Helmet as rental services, a rental company (agent) must give correct instructions to users and confirm their understanding.


 Do not put on a goggles strap, cap, bandanna or headphone with the helmet on. This activity is strictly prohibited because these accessories may cause the helmet to misalign or fall.


 Do not try dangerous actions beyond your skills by putting too much confidence in the helmet you are wearing. Wearing the helmet does not fully ensure safety. It is a safety tool to reduce danger degree just in case. Never do dangerous activities by self-determination.

 This helmet is dedicated for skiing and snowboarding (for use of competition and practice) and specially designed to reduce shocks when a skier or snowboarder happens to fall and directly hit his/her head against a snow surface, gliding surface or obstacles. For that reason, the helmet does not purpose to prevent all damage in the head or to prevent the head skin from external wound such as laceration.


 Before use, be sure to check the helmet. If the helmet is drastically aged, or shell, its interior or strap is remarkably damaged with cracks or breakage, do not use it.

 Snow Helmet is not designed to perfectly protect your head from any accident under any conditions. It is a tool to enhance safety and reduce danger degree just in case. A wrong usage of the helmet may hinder its excellent performances, expanding damage.

 Use the helmet fit to your application and target age.

 Snow Helmet is designed to absorb shocks by partially damaging its inner liner (inner parts).

Damage may not be identified externally. For the above reason, do not use the helmet, once a strong shock is applied, even if you cannot find damage on its surface.


 You cannot perfectly prevent accidents even with the helmet on. Remember that your head may be seriously damaged even with a shock at very low speed, depending on the shock type. The helmet protects the portion only covered by itself. It does not cover a face or neck.


Note that an object having a sharp tip may pierce the helmet because it is made of EPS foam (expanded polystyrene).

CAUTION: Be sure to observe.

 Properly wear the helmet fit to your head size.

 Wear the helmet fit to your application and target age.


 Fasten the strap (chin strap) correctly.

 Before use, be sure to adjust size.

 Properly wear the helmet. Do not wear it on the back of your head.


 Perform daily inspection for the helmet state.

 Have readiness for careful and correct judgment whenever skiing (snowboarding).


 Observe the ski slope rules to avoid accidents.


CAUTION: Handling the helmet

 Handle the helmet carefully to avoid falling or hitting to objects.

 Since the helmet also absorbs small shocks generating during normal use, move or storage, the helmet can be used up to max.3 years from the date of manufacture except in the case of damage/accident or a hard fall which can cause invisible cracks. In such a case, it is recommended to buy a replacement for 2 years. Whenever you find a remarkable deterioration on the helmet's surface or inside, you should buy a new one immediately.

Storage and maintenance

 Do not store the helmet in a place of high temperature (over 40°C). The helmet may be deformed due to heat. Never leave the helmet in a car under blazing sun or expose the helmet to direct sunlight for a long time. Never store or leave the helmet directly or indirectly near a hot object (a heater, etc.).

 Wipe off dirt on the helmet with a soft cloth or sponge moisten with neutral detergent diluted with water or warm water. Never use hot water (over 40°C), gasoline, thinner, benzene or other organic solvent, or chemicals, which may damage the helmet material and deteriorate its functions.

Helmet basic structure and effect

Snow Helmet is composed of two components: the outer shell (outer plastic portion) having durability and the inner liner (inner parts) functioning as shock absorber.

The outer shell surface is hard enough to protect your head from shocks in daily use. The inner parts protect your head by absorbing shocks with its flexible structure easy to be dented or broken. The inner parts of this helmet uses EPS form (expanded polystyrene) having high shock absorbing capability. This dual structure plays an important role: The EPS absorbs shocks and the helmet itself is broken to protect your head.

Wearing the helmet correctly

Be sure to try on before use. Adjust the following in order to use the purchased helmet safely and comfortably.

Adjusting strap (chin strap)

You can wear the helmet securely using the strap. Without adjusting the strap properly, you cannot continue to wear the helmet in the correct position.

(1) Put on the helmet horizontally so that its front and back become on the level. (Figure 1) If you pull the helmet front over your eyes, your visibility becomes poor. If you put the helmet on the back of your head, the helmet inclines, which will not fully protect your head. (Figure 2)

(2) Adjust the right and left straps to the same length. Adjust the position of the strap guide which binds the front and back straps to just below the ear. (Figure 3)

(3) Pass the strap end into the rubber ring and fix it.

(4) Fasten the buckle under the chin and pull the strap until the helmet fits to your head. Normally, allowance of 2 fingers inserted into the strap is preferable to determine the strap length. Without adjusting the strap properly, the helmet will misalign. If this happens, adjust the strap again. If the helmet does not fit yet even after adjustment as instructed above, you should not use the helmet.

(Figure 1)



(Figure 2)



(Figure 3)



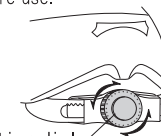
SWANS Snow Helmet: Adjusting the lock system

Some models of SWANS Snow Helmet are equipped with a lock system to hold fitting and stability. Be sure to adjust the lock system of the purchased helmet before use.

Dial type lock system


The dial type lock system allows you to adjust the head band tension by turning the dial. To fasten the head band, turn the dial clockwise. To loosen the head band, turn the dial counterclockwise. (Figure 4)

(Figure 4)





Adjusting dial


Caution: Be sure to observe.

 The lock systems are considered to improve the helmet fitting and stability. Do not remove the lock system from the helmet. The strap (chin strap) cannot be removed, either. You must not forcibly remove it, which will not only deteriorate the helmet functions but also impair safety.

 You must not operate the dial during skiing (snowboarding), which is very dangerous.

 Do not excessively fasten or repeat unnecessary dial operation, which will cause the lock system to be damaged.

 Please dispose your helmet at the end of service life. Contact your local waste disposal company for correct disposal.

 Classes A and B helmets are for alpine skiers, snowboarders and similar groups. Class A helmets offer comparatively more protection, Class B helmets may offer greater ventilation and better hearing, but protect a smaller area of the head and give a lesser degree of protection from penetration.

Mounting the size adjusting pad

Some models of SWANS Snow Helmet are equipped with a size-adjustable interior pad. The pad shape and attachment method are different depending on the model. For details, see the appropriate instruction manual included in the package.

IMPORTANT!

Manufacturer : Yamamoto Kogaku Co., Ltd.
25-8, Chodo-3 Higashiosaka City, Osaka 577-0056, JAPAN

Certified by : SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland

MODEL No. : HSR-90FIS SM/L/XL, HSR-95FIS



CONFORMS TO EN 1077:2007 ACCORDINGLY TO REGULATION EU 2016/425

Personal protective equipment : Category II

This helmet meets successfully the following EN 1077:2007 class A testing requirements:

EN 1077:2007 TEST REQUIREMENTS		
TEST	DESCRIPTION OF THE TEST	RESULT
General requirements	Basic construction, coverage area and field of vision	PASS
Impact attenuation	Any impact result can't exceed 250g	PASS
Retention system effectiveness	The helmet shall not come off the head	PASS
Retention system strength	The dynamic extension of the retention system after the test shall not exceed 35mm and the residual extension shall not exceed 25mm	PASS

CONTACT

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