



AURA 4

USER MANUAL

Congratulations on your purchase of a Squirrel AURA 4 (“product”). By purchasing this product, you acknowledge that engaging in sky-diving, base jumping, parachuting, and “wingsuiting” is an inherently dangerous activity that requires training, proficiency, and skill. Use of this product may result in serious injury or death. Do not use this product without inspecting it and all of its components before each and every use. You acknowledge and agree that even when properly used, this product may cause serious bodily harm or even death. You, the purchaser, acknowledge and agree that this product is intended for inherently dangerous recreational purposes, and you assume all risk, responsibility, and liability whatsoever from any and all injuries (including death), losses or damages to persons or property arising from the use of this product sold by Squirrel, LLC to you, the purchaser. Squirrel is not liable for any special, consequential, incidental, punitive, or indirect damages or anticipated profits, however caused, in relation to the purchase and use of this product. In no event shall Squirrel’s total liability to you, as purchaser, or your assigns, heirs, representatives, and other similarly situated persons, for all damages, losses, and causes of action exceed the purchase price paid by you, the purchaser, for this product. This product has been purchased by you “as is” and without warranties of any kind, either express or implied. To the fullest extent permissible pursuant to applicable law, Squirrel, LLC disclaims all warranties, express or implied, including, but not limited to, warranties of title and implied warranties of merchantability and fitness for a particular purpose.

PLEASE READ THIS CAREFULLY BEFORE DOING ANYTHING WITH YOUR NEW WINGSUIT

BEFORE YOU BASE, SKYDIVE. BEFORE YOU GET TOO CRAZY WITH YOUR AURA 4, TRAIN!

Even our most experienced team pilots need skydives before they feel comfortable and confident in new designs. These are pilots with 10+ years of experience, thousands of skydives, and over 1000 BASE jumps. **Please take your responsible progression seriously:** skydive your wingsuit extensively before you BASE jump it, and train in your wingsuit extensively before you attempt any advanced maneuvers.

The AURA 4 is intended for advanced pilots who seek a high-performance wingsuit for BASE jumping.

The AURA 4 is a large surface area wingsuit that should only be flown by pilots who meet the ADVANCED suit requirements described on the AURA 4 webpage (and every other wingsuit product page) at www.squirrel.ws, and www.squirrel.ws/wingsuits/aura4. Before BASE jumping this wingsuit, you should have at least 50 skydives with your AURA 4 and be supremely confident with its characteristics at all possible angles, speeds, and modes of flight. That is our recommendation; some pilots may require even more training to become competent in this design.

Wingsuit BASE jumping is an incredibly hazardous endeavor. Every year, wingsuit BASE jumpers die from mistakes and errors of judgment that have been made many times before. No wingsuit BASE jumper plans to die. We recommend a cautious and slow progression with an acute awareness of your own personal limitations and experience.

Respect the limits of your abilities and progress slowly. Seek coaching and qualified instruction, and always maintain awareness of your surroundings. It is your responsibility to avoid collisions with other wingsuit pilots, parachutes, all air-traffic, and the planet Earth. Skydiving and BASE jumping are extremely dangerous, and complacency kills.

USE, CARE, AND FEEDING OF YOUR SQUIRREL

HIGH ASPECT RATIO INLET

Try not to store your suit in a tightly packed configuration. Do not store your suit folded tightly in hot conditions. In the case of inlet deformation, massaging them into shape at or above room temperature will help to reform them.



ZIPPER BUNGEEES

The bungees that hold the zippers tight to the main lift webbing (MLW) of your harness must always be connected. **DO NOT** jump your suit without the zipper bungees set tightly around your harness MLW. Securing the bungees on the inside of the MLW usually results in the zippers being closer, and the hole being smaller.



Keep zippers close against MLW webbing.



Handles completely exposed.
Zippers tight against MLW.

We highly recommend using a standard pillow handle as the best choice for wingsuit flying. For more detailed information on the decision of what handle type is best, please see our Reserve Handle Information PDF here: <http://squirrel.ws/handles>

NOTE: If you think that the zipper system is not functioning well with your skydive harness (i.e. your emergency handles are not always 100% accessible), please contact us before your next jump. You may need to modify the zippers so that the sliders stay locked in place, as per the information at this URL: <http://squirrel.ws/zipperstuff>

AIRFOIL CROSS-SECTION (“ARM FOAM”) OPTIONS

Your AURA 4 is shipped with 5mm black foam, which is inserted in the arms. Also included is a pair of airfoil cross-sections that may be used for performance flying.

NO Foam:

Recommended for BASE jumping. For your first BASE jumps, and perhaps all BASE jumps in your AURA 4, we recommend removing all leading-edge foam. This will allow you the easiest BOC access, and the best chances of reaching your risers and toggles.

5mm Black Foam:

Recommended for Skydiving. The 5mm black foam helps to smooth out the leading edge of your wingsuit. It is only moderately restrictive during the pull and riser access.

Airfoil Foam:

The removable airfoil cross section foam should only be used once you feel confident in the AURA 4 at all angles and in all modes of flight, and only for skydiving. We do not recommend BASE jumping with the airfoil cross section foam inside the suit, as it can reduce comfort and range of motion during deployment. With the foam installed in the suit, the arms will fit snugly.

NUTSACK

Your nutsack is made for your stuff-sack and not much heavier. Adding a lot of heavy equipment or even too much food or water will change your center of gravity and could possibly affect your flight in a negative way.



LEG WING ZIPPER PULLS

Always fasten your leg wing zipper pulls. If you walk around with them dragging on the ground, you will ruin them. If your suit is on, have the zipper pulls connected. Do not drag them through the dirt.



MASSIVE LEG WING POCKET

The large zipped pocket on the inside of the leg wing is suitable for the storage of hiking poles and other lightweight equipment.



ARM AND LEG WING INTERNAL ZIPPERS

We recommend flying with them closed at all times. You may experiment with opening them to reduce internal pressure in the arm and leg wings, but the AURA 4's full performance can only be experienced with zippers closed. Make zipper-checks a part of your pre-flight checklist.



HOOK KNIFE

Every suit comes standard with an aluminum double bladed hook knife. Check to make sure that the hook knife is loaded properly and secured.



CHEST POCKET

Please note that the chest pocket and belly-cam zips are independent. The phone section is secured by a strip of velcro so that you can use the pass-through belly-cam hole simultaneously. If you place your phone in the pocket, please ensure that you place it all the way in, behind the velcro.



HOLDING YOUR GRIPPERS

Holding your grippers correctly is an important part of controlling your AURA 4.

GOOD: Pilot's fingers are all on the top surface (back side) of the gripper, resting against the arm wing end cell. The grip is somewhat relaxed, with the thumb in front and the top of the gripper nestled gently in the palm of your hand. Note that the gripper itself is not being held tightly.



Position for belly flight.
Palm rests against arm wing end cell.

SLEEPING AND BATHING YOUR SQUIRREL

Don't smother your Squirrel! When it's hibernating, it likes to breathe and relax in a cool, dry, comfortable nest. Do not store your suit for long periods of time in a tightly folded or compressed manner! Doing so will result in the deformation of your inlets. Always fully shade-dry your suit if it becomes wet or damp. Gently rinse with non-chlorinated fresh water to clean, or if ever exposed to salt water. Never use chemical detergents – Squirrels like it all natural, all the time!



Your suit can be hand washed in cold water, or machine washed cold on a gentle cycle. Never tumble dry your suit. Hang dry in the shade.

CONTACT US

Please consider the following important points:

1. We designed, tested, and built your wingsuit.
2. Our job is to make sure that you fly as safely as possible, while having the most fun possible.
3. Our job is to help you understand, use, and progress in, your suit.
4. Our job is to answer your questions, and we like our job.

For these reasons, we highly recommend that you contact US (SQRL) if you have any questions about any product that we make. We 100% guarantee that the information you receive from us will be more relevant, more accurate, and more thorough than anything you can find in facebook comments, internet forums, or even your DZ gear shop guru. So, again, call us. Email us. Together with your dealer & the local SQRL pros near you, we're here to help.

-Matt, Mike, Will, Marty, & All the Team

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v.202004 - Check the AURA 4 product page at www.squirrel.ws for the latest PDF version of this manual.