

IAS-ANZ



Designed and manufactured in Australia

SINGLE ROPE TECHNIQUE EQUIPMENT [SRTE]

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SRTE Goldtails

Thankyou for selecting SRTE **Goldtails** to complement your system. We at SRTE are confident that you will be happy with your acquisition. If you have any questions or product suggestions relating to this or any other product in our range, please do not hesitate to contact our customer service centre at the above address.

SRTE **Goldtails** are primarily used for descending, however an increasing number of Emergency Service Personnel are using them in Hauling Systems for belaying while the sporting users are using tube tape to rappel on, in canyons, etc, as 100m of tube tape is lighter to carry than 100m of 9mm rope. SRTE **Goldtails** can use single or double rope up to 13mm.

Friction on the SRTE **Goldtails** is controlled by winding the rope through the appropriate number of slots. Friction can be varied while rappelling by increasing or decreasing the number of slots the rope goes through. For added protection all slots have gates to prevent the rope from coming out accidentally. The wide rounded bars enable operators to wrap the rope 360° around them, alternatively 25mm Tubular Webbing may be used. The SRTE **Goldtail** incorporates massive heat sink, any heat generated from descending is channelled away from the bars and dispersed into the spine – ideal for extra long descents.

Rescue Models have 6mm hole in the body. This hole allows you to thread an accessory cord through to attach to your Karabiner and during multiple lowering or raising situations there is no need to re-rig the SRTE **Goldtail** as you can simply turn the unit upside down hence the rope is now on the correct side.

HOW TO USE YOUR SRTE GOLDTAIL DESCENDER

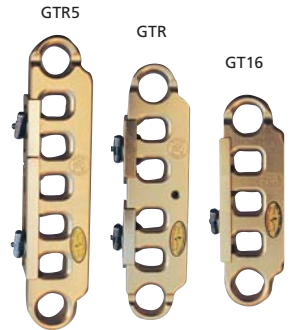
This instruction sheet is not a fully comprehensive instruction manual.

Contact TRAC International on (61) 0418 674 678 for information on SRTE approved Training Courses

Attach the SRTE **Goldtail** to your Sit Harness using a Karabiner, with the spine of the SRTE **Goldtail** on the Right (for a Right Handed operator) this will ensure that the tail end of the ropes pulled against the spine and not the gate when in use. The horizontal grooves on either side of the Karabiner hole are for locking off – these should face you. It may be necessary to use 2 Karabiners to get your SRTE **Goldtail** in the correct position for descending (your SRTE **Goldtail** should be positioned no higher than your shoulders to minimise the risk of hair/clothes being caught in the Descender).

A – BEFORE YOU START

1. Attach your SRTE **Goldtail** to your SRTE Harness.
2. Spine should be on the exit side of the rope to prevent cross loading the gate.
3. Lock off – slots should be facing you.
4. Unwind thumb nuts to open gates.
5. **THREAD ROPE** – starting from the tope and thread all the way to they bottom (remember if there is too much or too little friction you can always vary it accordingly while rappelling). The rope must be fed into the SRTE **Goldtail** so that it sits at right angles to the slot and not run against the Safety Gate.
6. Lock Gates closed.
7. Be sure to remove slack between you and the anchor point. **TEST DESCENDER** to make sure you have threaded it correctly and that Descender is working properly – do not vary friction setting.



RIGHT

Correct method of threading your SRTE **Goldtail**.
Notice how the rope runs at opposite angles to the slots.



WRONG

Incorrect method of threading your SRTE **Goldtail**.
Notice how the rope runs against the Safety Gates.

B – DESCENDING

1. Top Hand (Balance Hand) should hold the body of the SRTE **Goldtail**.
2. Bottom Hand (Speed Control Hand) should have firm hold of the Tail End of the Rope.
3. **CAUTION:** Do not descend at a rate that will cause overheating. If your Top Hand (Balance Hand) is getting hot – **SLOW DOWN** – **DO NOT STOP** as the heat from the Descender may put a weak spot in the rope.

C – INCREASING FRICTION

Using any or a combination of the following will increase Friction. The more distance between the Bars, the less Friction. The less distance between the Bars, the more Friction.

- A Single lines may be turned into Doubles by winding the rope from top to bottom – bottom to top.
- B Wrap the rope 360° around the bars

D – LOCKING OFF

- 1. LOCKING OFF – Bring the Tail End of the rope up and between the head of the SRTE **Goldtail** and the incoming rope – Place a half hitch over the head of the SRTE **Goldtail** (you will notice that there are two little notches in the head of the SRTE **Goldtail** for this purpose).
- 2. Alternatively pass the tail end of the rope around your back before locking off – this makes UNLOCKING easier as you have more control over the tail end of the rope.
- 3. UNLOCK – using a firm grip remove the Tail End of the rope from between the head of the SRTE **Goldtail** and the incoming rope – never let go of the tail end of the rope.
- 4. Descend when ready.

E – CHANGE OVERS

Descending to Ascending

Ascending to Descending

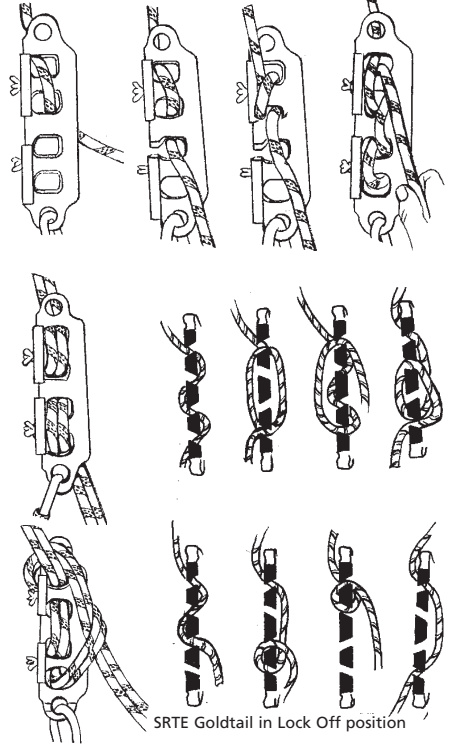
- 1. Lock off SRTE **Goldtail**
- 2. Attach SRTE Ascender
- 3. Remove SRTE **Goldtail**
- 4. Ascend

- 1. Attach SRTE **Goldtail** and lock off
- 2. Remove SRTE Ascenders
- 3. Unlock SRTE **Goldtail**
- 4. Descend

F – MAINTENANCE

- 1. WASH – in clean water only if gritty (gates will be stiff if gritty)
- 2. After washing, OIL thread and wind thumb nut up and down (allow to stand so excess oil may drip out before being put back into service).
- 3. If Bars become excessively worn, discard unit (i.e. 1/2).
- 4. If Karabiner holes and/or body appears stressed discard unit.
- 5. Some Quality Systems require items to be returned to the manufacturer for periodic service – please contact our customer service staff before returning your SRTE **Goldtail**.

Examples of how to vary the friction to suit your needs
NOTE: Rope must pass through a minimum of two (2) slots
(can be adapted to suit all models)



PRODUCT SPECIFICATIONS AND TEST DATA

Construction – Only the highest grade Extruded Aluminium and Stainless Steel used. SRTE **Goldtails** will not twist or damage the rope in any way under normal use, giving your rope a much longer life. **Test Data** – TEST 1: WORKING USE TEST – 11mm Static Kernmantle Rope was threaded through all bars of the GTR and locked off. Load was gradually increased TEST 2: BODY STRENGTH TEST – Karabiners were placed at either end of the GTR. Load was gradually increased TEST 3: GATE STRENGTH TEST – A direct sideways pull on the gate of the GTR. Load was gradually increased. **Results** – TEST 1: WORKING USE TEST – Rope broke. TEST 2 & 3: BODY & GATE STRENGTH TEST – Refer to individual specs.

Caution: All SRTE **Goldtails** are safe devices if used correctly. However it is the obligation of the operator to determine whether or not each item is suited for its intended use. In no event shall liability extend beyond the replacement cost of any item. However no responsibility is implied or assumed for any accident or injury caused or related to its correct use or otherwise. It is recommended to have a second safety belay when using this equipment and always use two separate anchor points. The manufacturer recommend not to exceed 500kg as different ropes and conditions can reduce rope strength immeasurably.

Guarantee: All products manufactured by SRTE are guaranteed against defects in material and workmanship. Any warranty claims will be assessed and if appropriate, we will repair or replace at SRTE's discretion. SRTE will not repair merchandise which has been altered in any way.

Note: Warranty void for non-factory adjustment and all freight charges in these cases are the responsibility of the customer.

Model	Weight	Length	Width	Thickness	Working Use Strength	Body Strength	Gate Strength	Rope Range
GTR5 – 5 hole Rescue GT	742g	295mm	75mm	25mm	750kg	7000kg	750kg	9-13mm
GTR – 4 hole Rescue GT	640g	260mm	75mm	25mm	750kg	7000kg	750kg	9-13mm
GT16 – 3 hole Goldtail	527g	210mm	75mm	25mm	750kg	7000kg	750kg	9-13mm