



SENDER TRAILHEAD BIKESTAND

BIKE: CANYON SENDER AND STRIVE – WHEELS: OFB CUSTOM CARBON



PLEASE TAKE CARE WHEN OPENING YOUR TRAILHEAD – A KNIFE MAY SCRATCH THE SURFACES

Thank you for buying a TRAILHEAD BIKESTAND. They are the most adjustable ground based bike stand ever designed and manufactured. They are excellent at the Trailhead for simple set up and maintenance tasks. Or at home in the garage when you return from a ride to stand and store your bike. They can also be used when cleaning, spraying and washing the bike. Just be sure to bring the stand inside to dry it after use. Treating the cut edges with a wood preservative will greatly increase the life of the product.

Our Trailheads can be Custom Branded to look super professional so they represent your brand and display, show off your bike in any home, office or shop. Using our bike stand may also prevent your bike being run over in the carpark!

MAIN FEATURES:

- Stable with 4 adjustable hard wearing rubber feet each load rated to 50 kgs.
- Comes in 3 Bolt Sizes micro adjustable to different tyre widths and sizes
- Made entirely from Super Strong Top Quality 18 mm Phenolic Plywood.

SUITABLE and STABLE for 16 to 29er:

- E Bikes
- DH and Enduro Bikes
- Dirt and BMX Bikes
- Road Bikes

Please measure your Bike Tyre BEFORE Purchasing the stand to get the correct bolt length. If you are unsure a longer bolt length is better. They will just protrude further. The Plywood Frame on all Sizes is the SAME! IT is only the Bolts supplied that change.
80 / 100 / 120 mm Bolts

SIZE GUIDE:

ALL MODELS ADJUST FROM MAX SIZE DESCRIBED BELOW to 0 mm / Sides closed

SMALL = MAX Width 49 mm OR 1.9 Inches to 0 mm - RACE BMX / ROAD

MEDIUM = MAX Width 69 mm OR 2.7 Inches to 0 mm - ENDURO / DH

LARGE = MAX Width 89 mm OR 3.5 Inches to 0 mm - PLUS SIZE

Additional Bolts can be purchased.

SAFE OPERATION!

Once you are familiar with all the parts you can set up, fold and pack your TRAILHEAD in seconds. You can easily adjust the width / gap to YOUR CHOSEN TYRE size in a few of minutes. However, YOU MUST ALWAYS check the components are bolted tightly together to prevent the bike stand from failing / folding or collapsing. Check the nuts regularly.

Lift your Bike Stand and place it where you are working. Avoid dragging the stand which will damage components or pull the feet from sockets. Place the stand on flat and even ground / grass / gravel and ensure the lines on the legs are centralised within the body of the stand.

You may wish to purchase a cam buckle strap to hold the components together when transporting the stand. The user must always assess the stability of the bike in the stand and be aware that strong gusty wind, off camber ground may cause the stand and bike to topple.

DESIGNED FOR:

- Riders, clubs and coaches on all types of bikes - including E Bikes.
- Safe Working Load is 35 Kgs

SENDER BUILT TO LAST:

Designed and Manufactured in the Highlands of Scotland from 18 mm (13 layer) Phenolic Grip (mesh) coated Birch Plywood. Look after your Trailhead and it will last a life time. We recommend storing the ramp inside after use and carefully drying the ramp if it is used outside in the damp or rain. **Spare parts are available for purchase on request.**

MAINTENANCE:

When you assemble your Trailhead please use silicone spray to protect and lubricate the bolts. Follow instructions on the bottle / can for safe use.



Spray your bolts during assembly process and as often as possible for better function

Moving parts such as Nuts and Bolts should be silicone sprayed frequently. All cut edges and natural plywood faces should be treated with LOW VOC (Water Based) Decking protector Natural Colour. Repeat annually. Under no circumstances use Varnish!! Check for damage before and after each use and retire the Trailhead if you find any until you seek further advice from support@sender-ramps.com.

EQUIPMENT REQUIRED FOR ADJUSTMENT / MAINTENANCE:

- 1 x 6 mm HEX KEY (Found ON Your Bike Maintenance TOOL!) or a "T" HANDLE 6 mm HEX / ALLEN KEY
- A 17 mm Spanner or Adjustable Wrench
- Tape measure

TRAILHEAD BIKE STAND ASSEMBLY

Your Bike Stand may come unassembled or assembled. Please reads the section appropriate to your purchase.

COMPONENTS:



OUTSIDE FACE OF TRAILHEADS – SMOOTH INSIDE FACE OF TRAILHEADS



MESH TOP FACE OF LEGS – SMOOTH BOTTOM FACE OF LEGS WITH T NUT POCKETS – FIXING PACK

VERY IMPORTANT:

STAINLESS STEEL IS SOFT. It is VERY easy to round the heads of screws. Apply CONSTANT PRESSURE when fixing components. Take your time to complete the ASSEMBLY process. Poor Assembly WILL lead to a weak and poorly functioning product!

ASSEMBLY TOOLS:

- 1 x Drill Driver with Pozi 2 Drill Bit or Pozi 2 Hand Screw Driver
- 1 x 17 mm Spanner or adjustable wrench
- 1 x 6 mm Allen Key / Hex key
- 1 x Tape Measure

Wear appropriate PPE when assembling your product – Eyewear / Gloves / Footwear. Protect your work space to avoid damaging your property.

TRAILHEAD FIXINGS:

- 4 x 10 mm x 80 / 100 / 120 (**Length of Countersink Bolt is chosen when the product was purchased)
- 12 x 10 mm Nuts
- 8 x Small Washers
- 12 x T Nuts
- 24 x Stainless Steel T Nut Screws
- 4 x Top Threaded Rubber Feet

ASSEMBLING YOUR TRAILHEAD BIKE STAND

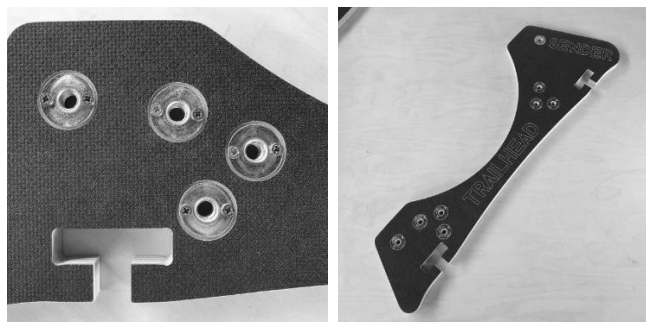
STAGE 1: Time to assemble approximately 30 - 45 Mins

Take the two curved Legs and lie them flat so you can see the T Nut Pockets. Take 2 x T Nuts and place them into the pockets.

VERY IMPORTANT: Orientate the T nuts so the screw holes are aligned with the centre of the legs as shown below. Take 2 x small T Nuts Screws and secure the T nut to the Legs. It is vital that the screws are placed and fixed vertically or they may catch / bind against the sides when you try to insert them through the slots!

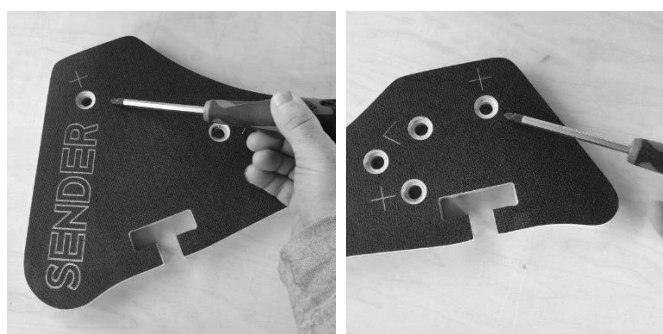


Take the Side Panel with the pockets and place 8 x T nuts into the pockets. Orientate them so they are horizontal (cosmetic) and secure these with small T Nut Screws. Overdriving the screws with a drill may cause the screws to spin and lose grip. A screw driver may give more control.

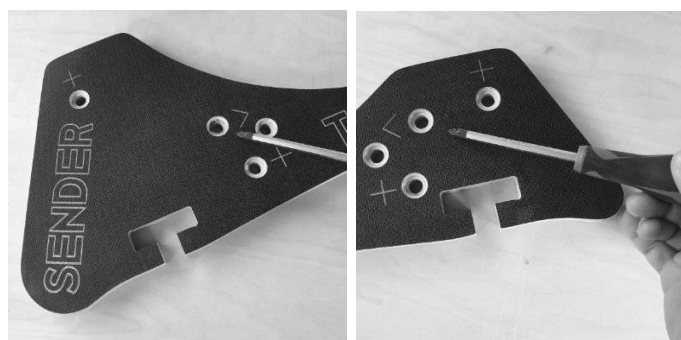


STAGE 2:

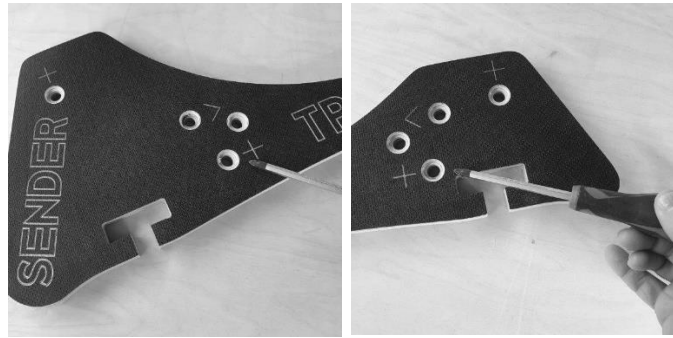
Next choose the settings that match or are close to matching your tyre width and wheel size. The TOP / UPPER **+** MARKERS at either end of the Side Panels indicate the Bolt Locations that **remain in place** regardless of wheel size (but must still be adjusted to tyre width)



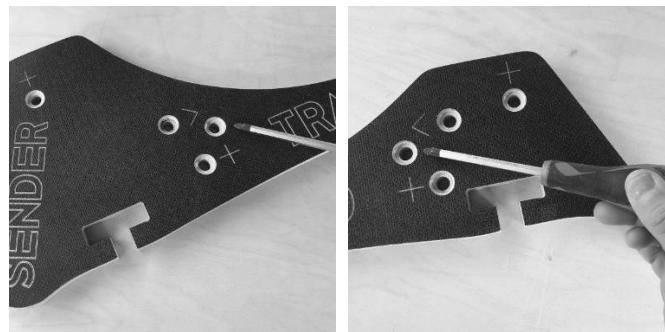
The **>** MARKER indicates the Bolt Position for 20 or 24 Inch Wheels



The LOWER / BOTTOM + MARKER indicates the Bolt Position for 24, 26, 27.5 and 29 Inch Wheels



The Hole with NO MARKER indicates the Bolt Position for 16 Inch wheels



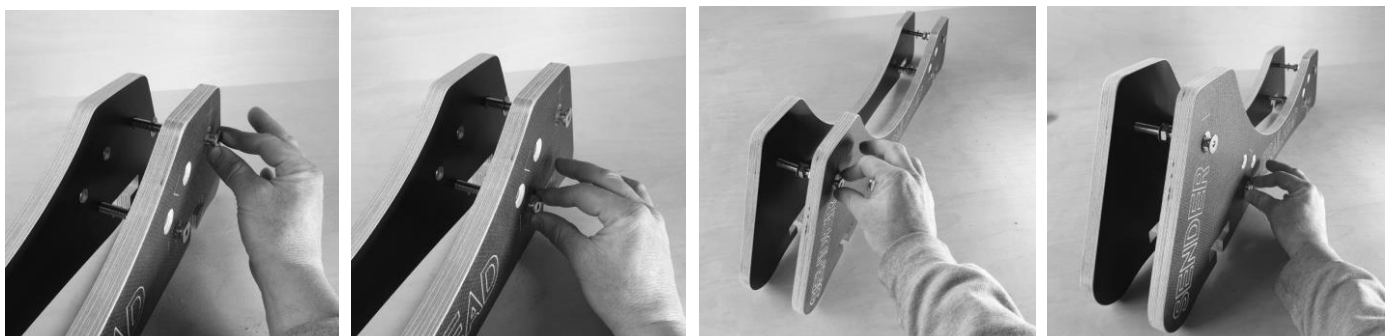
STAGE 3:

Take the 4 Bolts and push these through the holes in the Side Panels (Refer to the guide above for the correct bolt hole selection for your wheel size). Lie the Side Panel flat so that it traps the bolt heads underneath. Place a washer over each bolt. Then wind 2 x nuts to the middle of the bolt. Then place another washer onto the nuts.



STAGE 4:

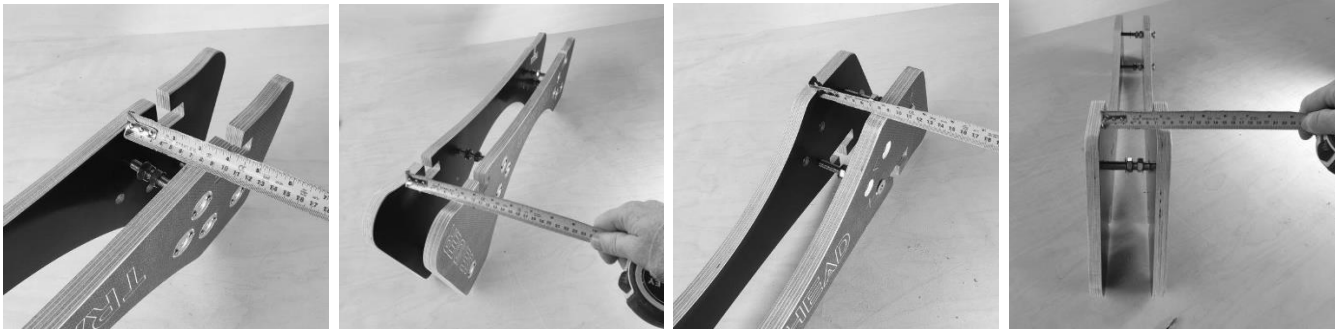
Take the second Side Panel with the T nuts. Carefully turn the Side Panel into a vertical position making sure the washers stay on the bolts. Align the bolts with the T nuts on the opposing Side panel. It is vital that you catch the thread of the T Nuts with your fingers first to prevent cross threading. Wind the Bolts into the T nuts so the parts are held together.



STAGE 5:

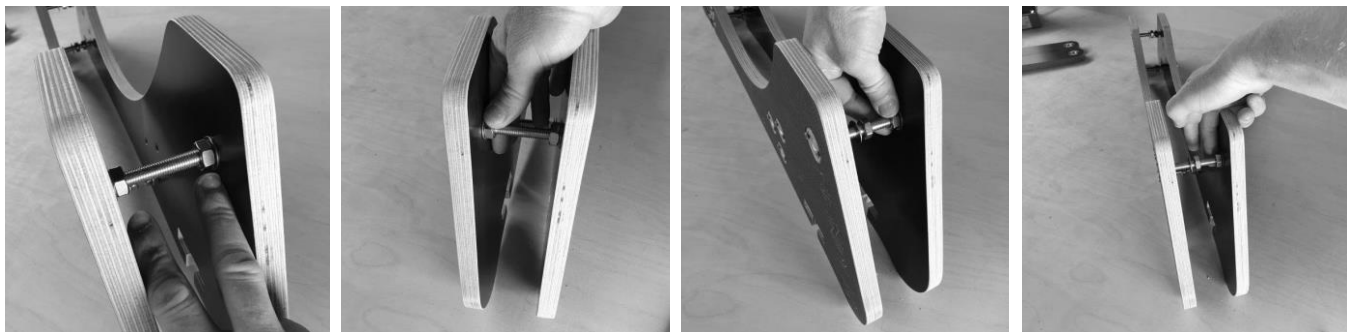
Measure the width of your bike tyre. You can mount the bike into the stand using the front OR rear tyre. It is not necessary to have a tight fit. You can easily adjust the width of the wheel gap depending on whether you would like a tight or loose fit.

Transfer your measurement to all bolt locations shown below. Wind the Bolt in or out of the T Nut to achieve the correct size.



STAGE 6:

Once you have set the desired width, wind the internal NUTS out until they trap the washers tight against the inside face of the Side Panels on each side. Repeat on all 4 Bolts.



STAGE 7:

Use the 17 mm Spanner to tighten the NUTS against the internal faces of the Side Panels on Both Side. You may find this slightly increases the width of the Tyre Gap by a few mm. You should now have a rigid and secure structure.

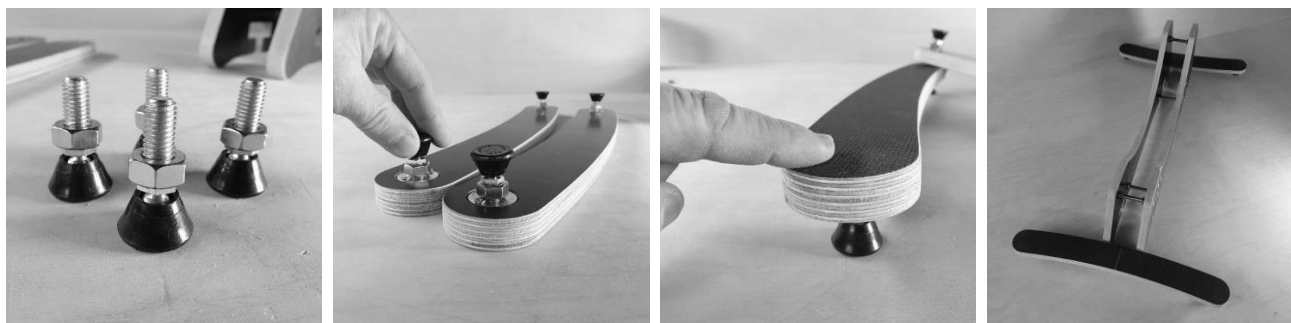
Please note that the side Panels MUST BE Parallel to each other. If the gap is uneven at each bolt point the TYRE may not fit into the gap smoothly / evenly and / or the Legs will not fit into the slots and they will jam.



STAGE 8:

Take the 4 x Top Threaded Rubber Feet and wind 4 x Nuts to the bottom of the thread as shown. Turn the Legs over so you can place and then wind the feet into the T Nuts. When the thread on the feet touches the end of the pocket in the plywood you must stop and unwind a little. If you over wind the feet then you may dome the top face of the Plywood or push the top layers off and delaminate the plywood!

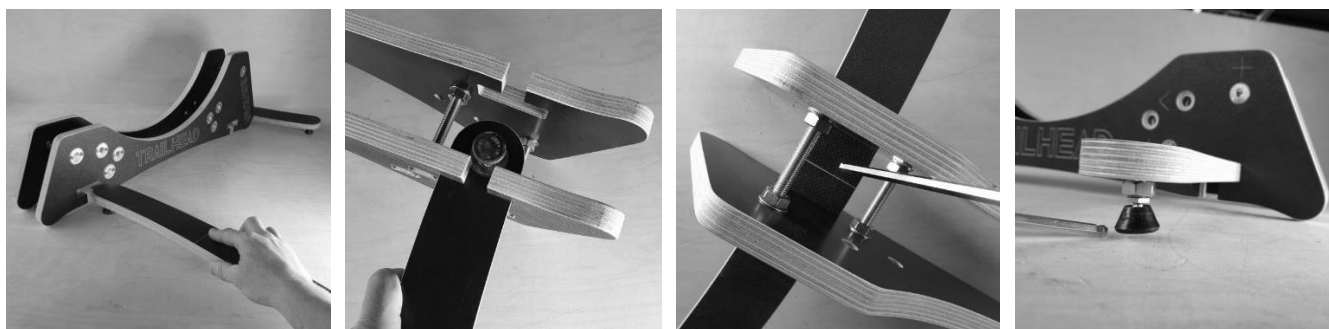
Once all 4 Feet are in place the legs should be placed at each end of the sides. The Stand is MOST STABLE when the legs in opposition are curving AWAY from each other as shown below.



STAGE 9:

Installing the legs through the slots in the Side Panel. The Legs have central marker line. This should be in the middle of the Tyre Gap. These legs may move quite freely and this is so that the structure will come apart for storage with ease. The wood can swell if left in the rain and jam so some additional tolerance has been allowed so that this might only happen in the harshest of conditions.

Once the legs are inserted sit the stand on a flat even surface so you can adjust and secure the feet. If you wound them most of the way in during the stage above the stand will probably be sitting on the Side Panels and not the feet.



Wind all the feet out until they touch the surface. Then add a few extra turns until the Side Panels are lifted APPROX 3-4 mm off the surface. The Side Panels should be floating and resting on the Legs. When you place the wheel of the bike into the stand the weight of the bike will push the Side Panels into the Legs providing a stable structure.

Wind the Nuts up against the T Nuts to secure the feet positions / length.



STAGE 11:

When you are sure that the feet are in the correct position use the 17 mm Spanner to tighten the nuts against the T Nuts. You may find that the Nut catches a little on the Screw Heads as you tighten the nuts. This is useful in helping to prevent the nuts from unwinding. The Nuts do not need to be over tight. Ideally you should not be able to undo the nuts using your fingers.

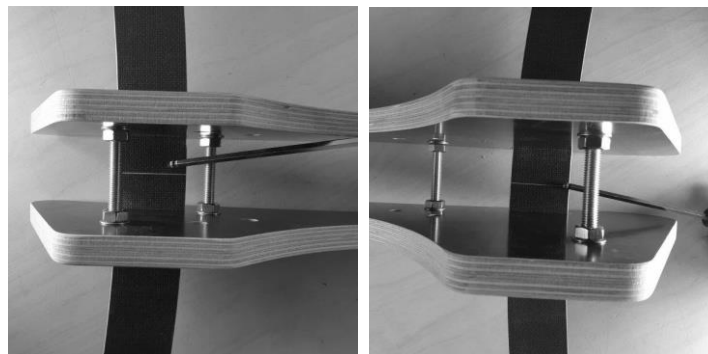


VERY IMPORTANT:

You should check all nuts are tight on a regular basis Especially the nuts on the feet. This will prevent the feet from coming loose, unwinding and being lost "at the Trailhead!". In the future you can purchase new feet / components from us if you do lose one.

STAGE 12:

Your stand is almost ready for use. Place the stand on a flat and even surface. Realign the LINE on the legs with the centre of the Tyre gap as shown below. Roll your wheel in an out of the stand. Adjust as required for a friction or loose fit.



COMPACT TRANSPORT / STORAGE MODE:

Turn the stand over carefully as the legs may slide out damaging the legs or trapping a finger. Carefully pull the legs and feet (still attached to the legs) out of the slot. Turn the Stand over. Depending on how far the Feet are wound out and the width of the Tyre gap you may or may not be able to fit the Legs INSIDE The Side Panels as shown below. If they will not fit inside then you should be able to find a location where they are partially trapped / fitting between the side panels



You may wish to use a Cam Buckle Strap (not provided) to hold the parts together for transport and storage.



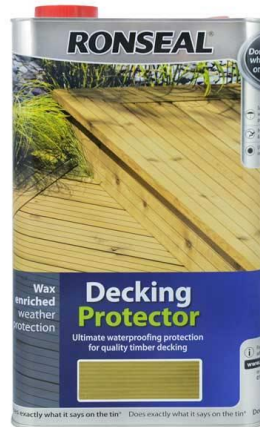
STORING YOUR STAND – KEY POINTS TO REMEMBER

Your ramp should be stored in a dry location. Shipping Containers are terrible for humid, warm and cold conditions that are perfect for growing mould and mildew. Birch Plywood (and other sheet materials) are prone to these growths if it is not treated. Your stand CAN BE used outside in the rain and in wet grass but if you would like your stand to last a lifetime bring it inside after use. We strongly recommend treating your ramp with a preservative. Please see below.

Never leave your stand in a transport bag if it has been used in wet grass or in the rain as this could cause rapid deterioration or discolouring of the plywood and fixings.

TREATING YOUR RAMP WITH A PRESERVATIVE

It is not essential to use a preservative but it will greatly increase the longevity of your ramp and prevent unsightly marks. NEVER use a varnish. Use a water based protector. These are very easy to apply as long as you use a wet, then dry cloth to remove the excess from all BROWN Surfaces. It leaves a waxy film that peels in the rain! You should coat / treat all cut edges, all birch faces and any holes / routed text. Preferably twice! And again annually or biannually. A Clear or Natural Colour should not YELLOW the wood. Ronseal LOW VOC Decking Protector easily and quickly soaks in and dries leaving an effective barrier.



DISPOSING OF YOUR STAND

You should remove all screws / nuts and bolts and place these in metal recycling. You must put the plywood in the wood recycling.

BETTER! Get in touch for new parts or one of our refresh kits! This will allow you to keep using the stand. This is by far the MOST ENVIRONMENTALLY FRIENDLY SOLUTION.

Thanks again – We hope you enjoyed the process of building your stand and find it indispensable for day to day bike storage, display and maintenance

Scott and Team

You can get expert advice at Sender. Do not hesitate to contact us. Sender Ramps take no responsibility for the damage to self or property when using this bike stand.

Please subscribe to our YouTube Channel Sender Ramps for notifications when we upload new films. If you need advice or help please contact us support@sender-ramps.com