



Thorn Audax Mk4 Brochure and Order Form





The new Mk4 Audax builds on over 30 years of producing Audax bikes.

The new Mk4 Audax has been bought up to date with provision for an ISO disc brake and appropriate cable routing.

It's still able to take traditional calliper brakes, down tube gear levers, STI's or bar end shifters as you wish!

Frame Specification

Tubing: The Audax is built from our own Thorn 858 tubing. This high end heat treated tubing is custom drawn to our specification. The seat stays in particular are designed to a very special shape to enable the frame to be as comfortable as possible. Frames weigh around 2kg depending on size and production variances.

Construction: The tubing is TIG welded together and the fittings are brazed. We use the finest possible factory in Taiwan, working with people we trust and have worked with for over 15 years. The level of quality control is high and the frames are tested time and time again through the construction and design phase. We have resisted the temptation to move to cheaper factories in the developing world unlike some of the competition.

Finishing: The frames are ED coated for corrosion resistance inside and outside. Then an Imron 2K paint and lacquer are applied with Mylar decals applied on top. These can be removed and replaced as required.

Compatibility: The Audax is compatible with road and touring chain-sets. The bottom bracket is threaded English 1.37x24tpi shell 68mm wide. It requires a 28.6mm clamp fit front mech and any rear mech. If using calliper brakes they must be 47-57mm drop. Disc brakes need to be ISO or a fitting that will adapt to an ISO. Maximum rotor size of 160mm. It has clearance for some 32mm tyres (all 28mm) when used with a road brake. With a disc brake fitted it can support tyres up to 35mm wide. There are fittings for 35mm or 45mm wide mudguards with threads for direct fitting. The rear dropouts take 135mm wide hubs with a 10mm axle.

Components: Included in every frame is a FSA Orbit XLII sealed bearing 1 1/8" Aheadset; a Thorn large layback seat post 27.2mm x 350mm; bottom bracket cable guide; disc brake hose clips for the open guides.

Frames can be ordered from SJS Cycles www.sjscycles.co.uk for £449. A range of suitable forks are available from £119

To order a bicycle is a three step process.

1. Select one of our 6 sizes

Size	Seat Tube Length	Slope	Virtual Top Tube Length	BB Drop	Seat Angle	Chain Stay Length	Mid-Tube Stand Over Height	Height of Top Tube at Head Tube
X-Small 50cm	320mm	120mm	520mm	72mm	74deg	425mm		
Small 52cm	420mm	100mm	550mm	72mm	73.5deg	430mm		
Medium / Short	415mm	140mm	530mm	72mm	74deg	430mm		
Medium 55cm	480mm	70mm	565mm	72mm	73deg	430mm		
Large 58cm	520mm	60mm	575mm	67mm	72.5deg	430mm		
X-Large 61cm	550mm	60mm	595mm	67mm	72deg	435mm		

We can advise on the best possible size for you if none of the above makes sense. Just continue through the order form and make sure to fill in your body dimensions or bike setup data. Or feel free to get in touch at any stage for help.

2. Select your ideal specification.

Each specification we offer uses quality parts designed to give high performance and longevity. We don't believe in hidden low quality components!

When chosen, disc options come as standard with a carbon fibre disc fork. We use a carbon fork so it remains light and comfortable, don't worry though our carbon forks are built tough. Though they should still be regularly inspected for damage, they will take a fair amount of abuse before they fail.

PLEASE NOTE : Prices of components fluctuate. We will always give you the best price we can. The prices in this brochure are for guidance only.

A . Audax Triple £1499.99

This is one of the most popular specifications we sell, with 30 gears running from just over 17 inches to well over 100. This large range gives you the ability to take on some monster climbs with tired legs, whilst still being able to pedal down hills with the wind behind you without spinning out. It's ideal for longer Audax rides or for light touring duties. 30 speed Shimano Deore / 105 STI gearing, Deore 26/36/48 chain-set, HG50 11-36 cassette, hand-built wheels with Mavic rims and stainless DT spokes, anatomic drop handlebars, Schwalbe One 28mm tyres, SKS mudguards, and a Thorn Velo saddle.

B. Audax Triple Disc £1599.99

As option A with the upgrade of TRP Spyre Disc Brakes, giving greater stopping power, making rim wear a thing of the past and allowing wider tyre choice. We fit everything in option A except we use Schwalbe Marathon 32mm tyres and DT 460DB rims.

C. Audax Compact £1599.99

Ideal for shorter or flatter Audax rides, or those cyclists with a high level of fitness. 22 speed Shimano 105 gearing, 105 34/50 chain-set, Shimano R451 deep drop brakes, 11-34 cassette hand-built wheels with Mavic rims and stainless DT spokes, anatomic drop handlebars, Schwalbe One 28mm tyres, SKS mudguards, and a Thorn Velo saddle.

D. Audax Compact Disc £1699.99

As option A with the upgrade of TRP Spyre disc brakes, giving greater stopping power, making rim wear a thing of the past and allowing wider tyre choice. We fit everything in option D except we use Schwalbe Marathon 32mm tyres and DT 460DB rims.

E. Audax Compact Hydro Disc £1949.99

As E with Shimano RS785 hydraulic levers and callipers.

F. Bespoke £POA

Don't like any of the above options? Get in touch and we can do an individual quote for the bike of your dreams!

sales@thorncycles.co.uk or (+44) 01278 441505

3. Final details and Accessories

Name :

Address:

Phone Number:

E-Mail Address:

Body Dimensions (see sizing help sheet):

Bare Foot Stand Over : Height: Arm Span: Shoe Size (EU): Weight:

Position:

Existing Bike Dimensions :

S= D= B= H/L=

Please state here bar design if existing bike is NOT drop handlebar _____

- Our bikes are built with the front brake on the RIGHT of the handlebar, tick here if you want this reversed.
- If you tick here we will build the bike to our default setup. This means you will wave your 14 day money back guarantee if you're not delighted, and will have to make minor adjustments yourself.

Colour Choice

- Gunmetal
- Red
- Blue
- British Racing Green

Add **Tubeless Tyres**, rim tapes and valves for around £55 extra.



Crank Length

- 165mm (only on option C-E)
- 170mm
- 172.5mm (only on option C-E)
- 175mm
- Don't know let us choose

Shimano **Electronic shifting** is available on all compact double spec's £POA



Handlebar Width

- 40cm
- 42cm
- 44cm
- Don't know let us choose

Whilst we have more focused **Rohloff** 14spd gear hub compatible frames (at a much higher price) the Audax is Rohloff ready, add approx. £900 to the build price.



Carrier / Rack

- £35** Racktime Light-It
- £60** Tubus Vega Black
- £60** Tubus Vega Silver
- £110** Tubus Airy Ti



Light-It 670g



Vega 510g



Airy 230g

Pedals are not supplied, please see sjscycles.co.uk for available options.

Feel free to ask for any other accessory/spare listed on www.sjscycles.co.uk for no extra delivery/fitting charge.