

New 'On Line' guarantee registration service, simply go to
www.khyam.co.uk/guarantee
for UK sales only to register your Khyam tent guarantee.



KHYAM QUICK ERECT TENTS

ASSEMBLY INSTRUCTIONS & USER HINTS

SCREENHOUSE / SCREENHUB & RIDGIDOME XL, XXL ,XXXL SERIES.



Please read these instructions fully and watch the customer service video enclosed or provided by your retailer prior to using your Ridgi-dome for the first time.

WARNING:

If this tent is not erected in accordance with the instructions damage could be caused to the joints, poles or fabric. It is important that the tent is properly guyed at all times, particularly in strong winds – otherwise pole or joint damage may occur.

DO NOT PUSH TENT PEGS IN BY HAND, ALL TENT PEGS SHOULD BE DRIVEN HOME USING A WOODEN OR RUBBER FACED MALLET OR SIMILAR TOOL.

KHYAM GUARANTEE

KHYAM guarantee the quality of all our products should any defects in material or workmanship occur within 12 months from date of purchase we will at our discretion repair or replace at no charge. This guarantee is in addition to the buyers statutory rights. Warranty is valid provided that the KHYAM tent is used under normal conditions for the specified purpose and that the instructions have been carefully followed.

The guarantee does not cover faults caused by abuse, misuse, negligence or damage caused by unusually extreme weather conditions. Should you have any problems or questions regarding your new tent you should in the first instance contact your stockist from whom you made your purchase.

Except for the limited warranty stated above Eurotech Leisure Ltd and it's registered dealers are without any further liability including, but not limited to, consequential damages.

*Please note that the photographs and figures in these instructions may not be of your particular model but demonstrate the common features of KHYAM tents.

KHYAM reserve the right to alter specifications as considered necessary without notice.

THE KHYAM RIDGI-DOME ERECTION INSTRUCTIONS.

Erecting The main Structure And Bedroom Sections.

MAIN DOME ERECTION

1/ Remove your KHYAM Ridgi-dome from its Valise (FIG 1) and spread out in a star shape on the ground (See FIG 2).

At this point please note that each of the four main poles has three joints. The upper and lower joints are locked and unlocked manually whilst the joint in the middle of the upper and lower joints will lock and unlock automatically.

All the joints on the Ridgi-dome system have been tested for their durability and strength.

However never force any of the joints, if they are stiff or will not fold ensure that you are (a) placing both material and frame joints as the top joints. (see FIG 3) (b) folding the pole in the correct direction (c) the pole joint itself is free from mud/grass and any object that might impair its movement.



FIG 1

2/ Ensure that no material is trapped in the central hub and that the fabric is free to move up and down the poles, with one hand lift the central hub upwards to waist height as shown in FIG 3. At this point please check that no material is trapped in any of the joints, it is advisable to check the central hub for trapped fabric again.



FIG 3

3/ Taking hold of the second pole from the central hub lift upwards to reveal the automatic joint as shown in FIG 4

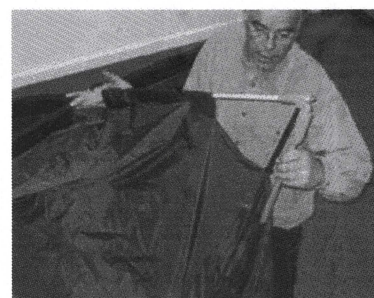


FIG 4



FIG 5

4/ Keeping the lower joint on the floor extend the automatic joints as far away from the hub as possible as shown in FIG 6.



FIG 6

A
B
C



FIG 7

5/ With one finger, the manual joint closest to the hub can now be locked as in FIG 7.



FIG 8

6/ Move backwards around the tent to repeat the process on the adjacent pole. Repeat the process on the 3rd and 4th pole as shown in FIG 8. Your tent is now in the camels knees position (FIG 9)



FIG 9

----- **IMPORTANT** -----

When locking joint B on any of the main poles ensure that point C and it's connected fabric is as far from point A as possible. This will make locking joint B easy to lock into place.

Important if joint B is stiff in any way – DO NOT FORCE.....

This will break the joint. Simply move point C further from point A and try again. SEE FIG 6

7/ If two people erect the tent, one person holding the central hub will allow the other to lock off the joints in accordance with the above points. The tri-guy system described on page 5 can be used to temporarily secure the tent on it's "knees". However guys must be loosened off prior to locking the lower joints into position. Further information on erecting your tent in windy conditions is provided on your Ridgi-dome instruction video.



FIG 10

8/ Lifting one side of your Ridgi-dome lock off the lower manual joint, you will find it necessary to pull the material downwards so the auto joint is clear of any sleeve. Repeat the same process on the remaining 3 main poles (FIG 10)

ONE COMPLETE BEDROOM POD POLE SET

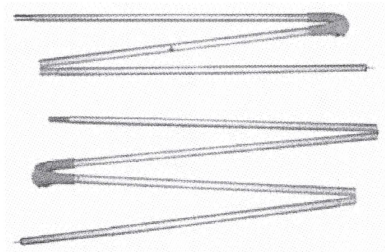


FIG 11

9/ You can at this point if necessary temporarily peg the four corner feet of the main structure in order to keep in position in windy conditions. However these may need to be adjusted when finally pegging your Ridgi-dome in position. At this point you should peg the four tri guys into position (see positioning and pegging of tri guys P5)

THREADING THE BEDROOM POLES

If you have purchased the XXL Excelsior then please refer to the XXL Excelsior 'Bedroom poles' section on page 7.

1/ One bedroom pole set is made up of a 2 section adjustable aluminium upright pole which is linked by a grey folding auto joint, to two shockcorded aluminium roof pole sections. The other 2 section bedroom pole set will be the same but the grey folding auto joint will only link it to one aluminium roof pole section. – fig 11

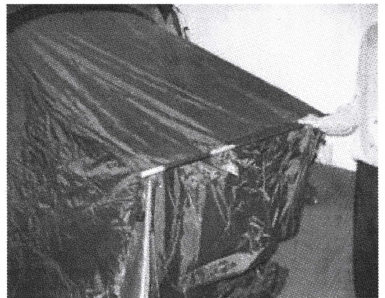


FIG 12

2/ Take the upright adjustable pole section which is linked to two aluminium roof poles and assemble the pole. Ensuring the joint has 'locked out' the correct way – fig 13 with the small plastic eye facing the flysheet, thread the top two sections of roof pole through the sleeves of the bedroom roof section of the flysheet – fig 12

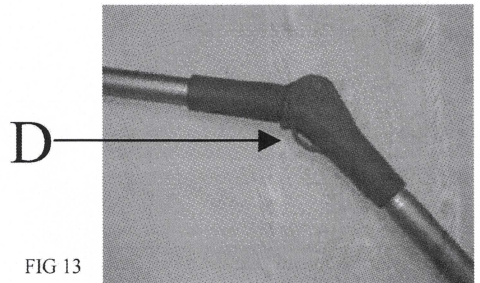


FIG 13

Repeat the same with the upright adjustable pole section with one aluminium roof pole linked via the grey auto joint, however thread this in from the opposite side of the bedroom until the swaged section of one pole meets with the open section of the opposite pole.



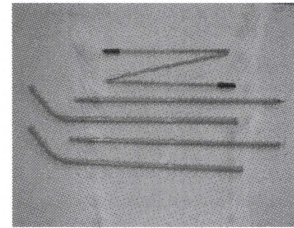
FIG 14

Assemble the two poles ensuring you have not missed out any roof pole sleeve sections.

ONE COMPLETE PORCH POLE

3/ *Please note* the guying eye on the joint should face towards the flysheet, see D.

FIG 15



4/ Locate the pole end spike of each upright bedroom pole into the hole in the grey plastic foot of the main pole section. In the case of the Ultimate Classic there will be a webbing strap with a brass eyelet for the bedroom poles as on this model the bedroom pole sections are slightly further away from the main dome.

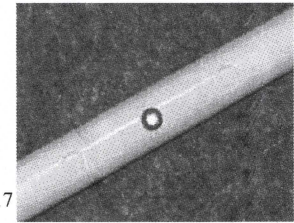
FIG 16



THREADING THE PORCH POLES (ULTIMATE CLASSIC)

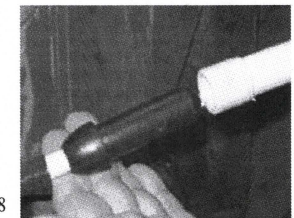
5/ Before threading any of the porch poles decide which way round you wish to pitch your tent as it is easier to do so at this stage.

FIG 17



6/ For ULTIMATE CLASSIC the shock corded fibreglass poles should be threaded through the sleeves as shown in FIG 16 Repeat this for the other shock corded pole. Please note that there are 2 sleeves and hence 2 shock corded poles to be threaded through the extended porch fabric.

FIG 18



7/ All the upright porch poles are exactly the same length however they do have adjustment buttons if minor adjustments need to be made. In general the central hole should be the correct position (FIG 17)

FIG 19



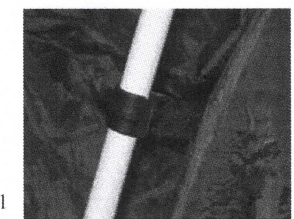
8/ Locate the curved end of the upright pole onto the black end of the shock corded pole and ensure the sleeve covers the joint. Repeat this on the other side of the shock corded pole and locate the spiked end of the pole in the circular hole of the main pole. *Please check the sleeve is covering the joint of the steel pole to the aluminium curved pole as this can sometimes get caught and you will damage the fabric if forced.* (FIG 18, 19 & 20)

FIG 20



9/ 4 of the 5 sets of upright poles will have the retention clips attached to them as in FIG 21. *Please note* the front porch pole does not have retention clips.

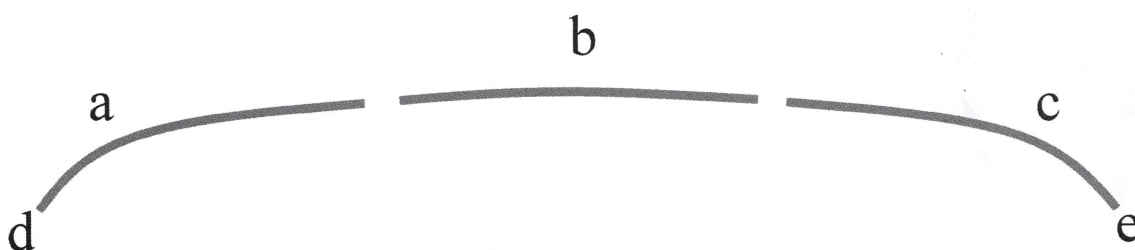
FIG 21



BEDROOM POLES (XXL EXCELSIOR)

If you have purchased the XXL Excelsior model please note that the erection instructions are the same as the XXL Classic with the exception of the bedroom poles. The XXL Excelsior bedroom poles are steel and use pre formed pole sections for the roof section of the bedroom as opposed to the aluminium poles and auto joints referred to and pictured in the XXL Classic section.

Simply assemble the 3 pre curved sections (a,b & c) together as shown below and thread through the poles sleeves on each bedroom section. Finally assemble the adjustable side poles supplied and fit into the open ends of the pre curved bedroom pole sections (d & e).



POSITIONING AND PEGGING OF TRI GUY ROPES AND STANDARD GUY ROPES

1/ The Ridgi-dome pole system, as with all Khyam tents, is on the outside thus offering an infinite number of guying positions just by simply attaching a guy rope to the frame work itself.

However there are purpose made attachments for the guy ropes on the underside of the to corner auto joint (see FIG 22 E). These attachments are for the tri-guy system which is supplied and fitted to your tent ready for use. In the unlikely event that you should need to remove one or all of the tri-guy systems, please make sure you have noted the way in which they are attached for your future reference. Should you ever need fitting instructions these are available through your Ridgi-dome dealer.



FIG 22

2/ Each tri-guy has been secured for transit by gathering all the rope together and tying in a loose knot. Untie each individual tri-guy gathering and locate the limiter fitting attached to the end of the guy rope (the limiter will consist of 2 black plastic rings attached to each other with an elastic shock cord. The final black plastic Ring will have a webbing pegging point attached to it)

“The limiter has been designed to ensure that you tension the main pole tri-guys correctly, particularly not over guying. The guy runner on the top section of each tri-guy is to allow for adjustment when erecting the tent in windy conditions and should not be used to tension the tri-guys when the tent is fully erected. Moving the runner after the tent has been pitched may result in the guy line being over or under tensioned. If you do accidentally move a runner always check the limiter on the base of the guy line”.



FIG 23

Over tensioned – loosen guy line

3/ When pegging each tri-guy into position always ensure that the shock corded elastic, on the limiter, is not fully stretched. The small guy-line loop on the limiter should be loose (see FIG 23).

4/ Bedroom guy ropes should be pegged as far from the Tent as possible (see FIG 22).

N.B. It is important to note that the guy ropes should not be over tensioned as this will only distort the overall Shape of your tent, enough tension to arrest the poles movement is all that is needed. Guy ropes should also be pegged as far from the tent as possible this way you will achieve a more lateral tension thus giving maximum support to your Ridgi-dome.



FIG 24

Correct tension on guy line

FITTING THE INNER

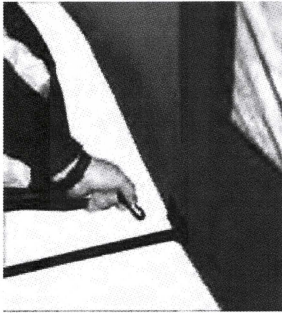


FIG 25

The inners are simply clipped into place with small 'dog lead' type clips to the 'D' rings at the back corners of the bedroom sections and then suspended from the roof with a simple elastic and hook system (see FIG 25 & 26). The inners protrude slightly into the living area space in order to provide increased sleeping room and the front two corners of the inners require pegging to the ground.

TAKING YOUR KHYAM RIDGI-DOME DOWN



FIG 26

1/ Taking your Ridgi-dome down is simply a reversal of the erection procedure. First unclip and remove all inner tents and fold neatly in half keeping the inner fabric inwards to protect it from mud and wet grass etc. Place the inner tents to one side.

2/ Unpeg all the guy ropes and peg points including any pegs in the mud walling if applicable. If you are taking your Ridgi-dome down in windy conditions you may find it easier to leave the tri-guy system on until the tent is sitting on its 'knees'. Striking camp in windy conditions is covered in greater detail in the customer service video enclosed. If it is windy we do recommend two people should take the tent down.



FIG 27

3/ Leave 'The tri-guy Ropes' and standard guys tied in position ready for next time, but it is advisable to gather each guy rope neatly together and tie it into a loose knot to keep it from becoming tangled in the frame work of your Ridgi-dome (See FIG 27). The main tri guy system has a little bag to store the guy rope in.

4/ Unclip and remove all the bedroom support poles and place them into the bag provided.

5/ Once all the bedroom poles have been removed, along with the porch poles you will be ready to strike the main dome. *Please note in the event of taking down your tent in windy conditions the main 4 tri guys can be left in position at the stage.*

6/ First remove any pegs you have left in for stability whilst taking any bedroom, porch or annexe sections down etc. Starting at any of the four main poles, take hold of the lower manual joint and apply a small amount of pressure inwards towards the centre of the tent. This will take the tension off the joint and it should now be possible to slide the moveable grey collar down approximately 2 – 3cm (see FIG 28 & 29). The joint will open and the lower half of the pole should fold in underneath the tent (see FIG 30). Continue around all four lower manual joints.

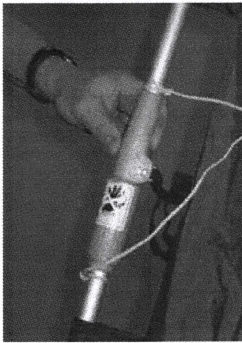


FIG 28



FIG 29

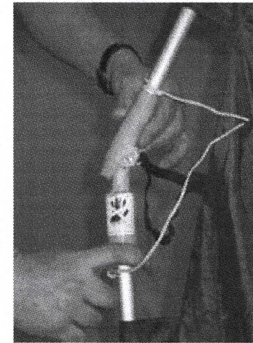


FIG 30

Your Ridgi-dome should be sitting on it's knees.

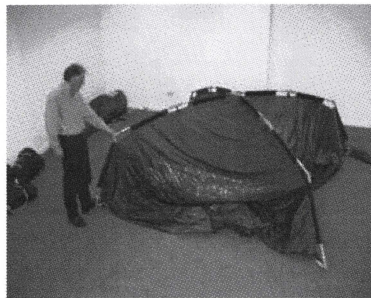


FIG 31

7/ Now that your Ridgi-dome is on its 'camels knees' depress one of the manual joints closest to the hub (FIG 32) allowing the collar to slide past the tongue (FIG 33).

Fig 32

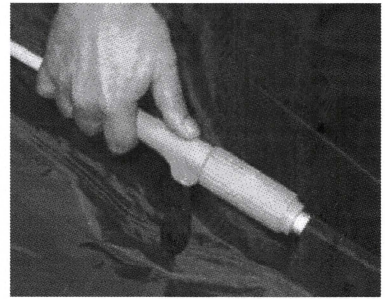


Fig 33



8/ While supporting the centre hub with one hand lift the joint which will cause the automatic joint to fold inwards (FIG 34). Repeat point 7 and 8 for the remaining 3 poles.

Fig 34



Fig 35



9/ The centre hub will now want to fall to the ground, allow this to do so and gently gather all the poles to an upright position.

First, gather all four of the upper manual joints together, as shown in FIG 35 and 36.

Secondly draw the lower manual joint of the poles upwards, allowing the auto joint to slide inwards and the foot of the pole to remain on the ground, creating a neat bundle of the poles.

Fig 36



10/ Lay the main poles on the ground and draw round the fabric and fold into 2 rectangles either side of the main poles as shown in FIG 37. Take the fabric from one side of the main poles and lay on the fabric on the other side and roll. Using the ties supplied with your tent secure the fabric together for ease of carrying (FIG 38).



FIG 37

FIG 38

IMPORTANT USER HINTS

Q. What about the strength and durability of the poles and joints – can I trust them?

- A. In simple terms yes – you can trust the poles and joints. The technology has existed for several years. The wall poles are constructed from tubular steel for rigidity with the roof poles being constructed from aluminium for flexibility. The poles are clipped into the joints which are moulded from nylon with glass filling, which adds hardness to the nylon. The rivets are brass and the springs are stainless steel.

Q. Do poles or joints break – and if so what can I do?

- A. It is rare that the poles or joints break when used in accordance to our instructions. They are extremely durable and have been tested to exacting standards. We cannot guarantee that there will never be a breakage but we can guarantee that we will supply any replacement pole sections or joints required during the warranty period. Should you need to rectify a problem joints are simply unclipped from the pole ends by depressing the retaining pin found on the underside of the joints. This way a separate pole or joint can be replaced without the need to change the whole pole. Any part of a Khyam tent can be replaced and we always endeavour to keep spare in stock. Spares are available to take with you whilst camping and can also be obtained at a subsidised rate to allow you the comfort of insurance without great penalty. Please contact your stockist. Storm damage is not covered by the Khyam warranty. If you are travelling to an area not serviced by a Khyam dealer we recommend you take spares with you.

Q. What about spares – can I get them?

- A. Yes spares should normally be available from your stockist. In case of difficulty you may contact us directly.

Q. Are KHYAM tents water resistant?

- A. All KHYAM fabrics are coated to withstand a minimum of 200 cms head of water in the hydrostatic head test. This is the measurement when the fabric is new and in use over a period of time this level will drop unlike natural fabrics, which will recover after sewing, synthetic fabrics do not. You will notice that the majority of seams on your Ridgi-dome have been tape sealed during manufacture. However any untapped seams should be sealed before using the tent. It is important that sealant does not get onto the mechanism of any zips as it will impair it's operation and finally damage the teeth of the zip. Sealant can easily be applied by erecting your Ridgi-dome and before fitting the inner tents, moisten the tip of the applicator, apply down the inside of any untapped seams and around the base of the inner tent hanging loops to prevent wicking in this area. Allow at least 48 hours for the sealant to cure. Your Ridgi-dome should never be packed away until the sealant is completely dry. Should any of the inner tent hanging loops wick apply a small amount of the seam sealant on the outside of the tent covering the area where the loop is stitched into the main seam

OTHER USEFUL POINTS TO BEAR IN MIND

1. Never remove pegs by pulling up on the poles or fabric. By doing this you may damage the pole ends or feet invalidating the guarantee. Always use a peg puller or another peg.
2. If you break a grey foot this can be easily replaced without any adjustment to the stitching. Replacement feet can be fitted quickly and easily. A spare foot is included in the repair kit.
3. All synthetic fabrics will fade over a period of time. This is caused by ultra violet rays from sunlight and atmospheric pollution. The weakening of fabric, which can be very dramatic, is dependant upon the frequency of use and the conditions during use. Recent loss of the ozone layer will increase this kind of degradation. With normal weekend and holiday use, your tent will give you good service if well looked after, but extended periods of use in bright sunlight can cause this type of dramatic degradation. If such use is envisaged, then it would be wise to seek a site which is as shaded as possible. The better the tent is looked after the longer will be it's life. Because of this it is not possible for us to predict nor guarantee the life of any synthetic fabric. Having said this the flysheet and inners are replaceable, which can be done as and when required. Also tent fabrics are capable of being reproofed. Always follow relevant proofing manufactures instructions when reproofing your tent.
4. A common problem experienced by many campers is condensation. This is caused by moisture in the atmosphere forming beads or droplets of water when coming into contact with a cold surface. This may form on the walls of the inner tent but more likely on the inside of the flysheet. Condensation can also occur on the groundsheet of the tent particularly under air mattresses, bedrolls and other equipment. The use of a KHYAM original stone protection sheet may help to reduce the problem and will help to protect the sewn in ground sheet. Always ensure that the stone protection sheet does not protrude the edge of the flysheet. The storing of wet clothing and other wet articles inside the tent will also increase the likelihood of condensation. To reduce condensation as a whole, never cook in your tent and ensure that the tent is well ventilated at all times by using the mosquito net doors on the inner tent. Your Ridgi-dome is vented on each bedroom annexe as well as the front entrance and side mesh window sections (where applicable)
5. When setting up a KHYAM Ridgi-dome always use caution to prevent any fabric being caught in the pole system. If this does occur then carefully release the fabric to prevent any rips. Small rips may be repaired using the enclosed repair kit. Severe damage will need professional attention.
6. Do not put your Ridgi-dome away wet or damp for any length of time as this can create mildew. When packing away your tent at the end of the season ensure that it is thoroughly aired and dried out.
7. Four hanging loops are provided inside the inner tent these must only be used for either the optional roof lining or lightweight items such as a small battery torch. On no account should a naked flame (e.g a gas lamp) or other hot objects be suspended from this point.
8. Never cook in your tent. Synthetic fabrics will melt and may catch fire if they come into contact with a flame or very hot object. Always take extreme care when cooking near your tent, e.g Sparks from a barbecue, camp fire etc.