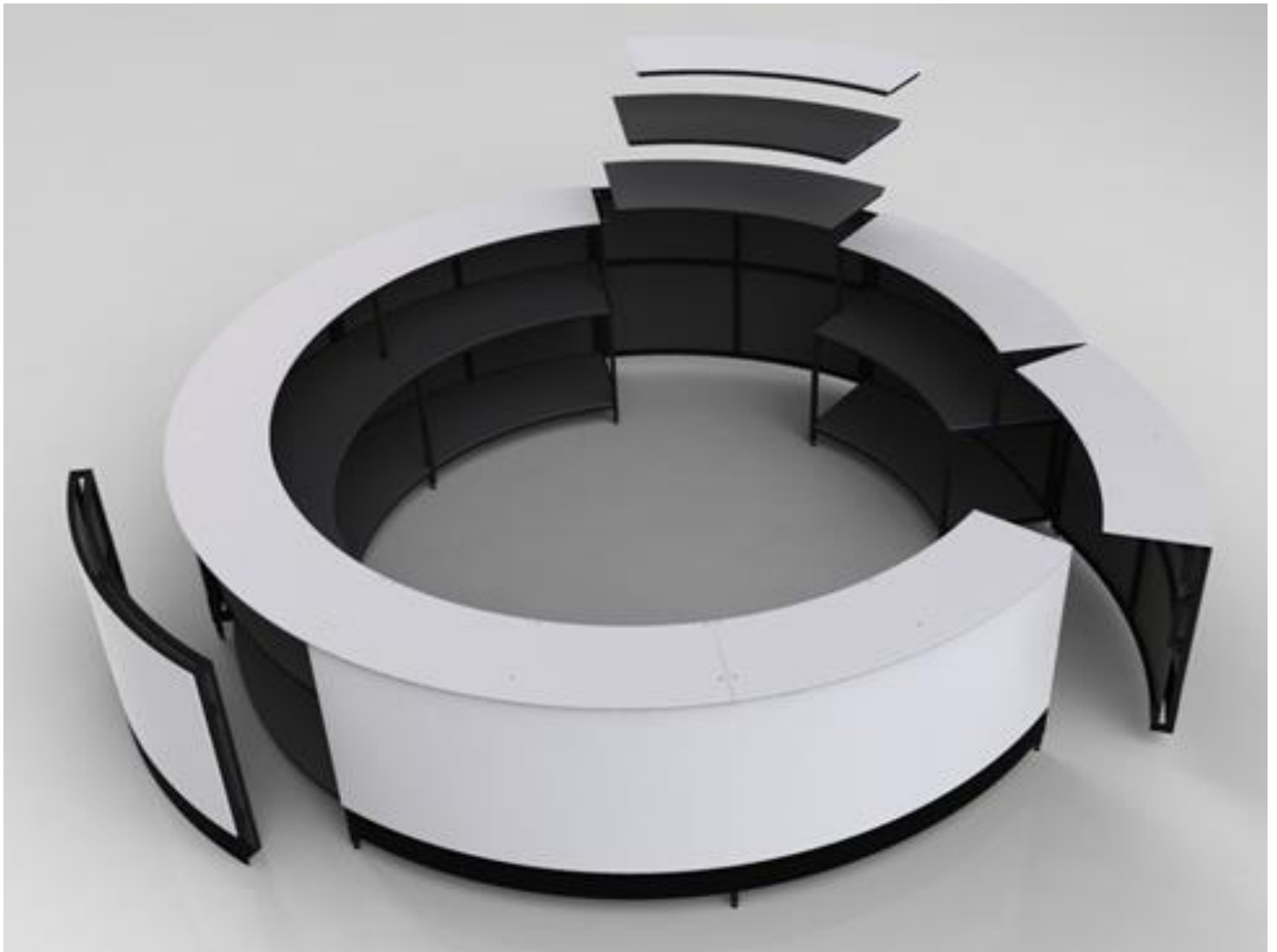


Grumpy Joe's UK manufacturer of portable
flooring and events furniture
Loughborough Road, East Leake, Leics, LE12 6NZ
sales@grumpyjoe.co.uk - 01509 670006 - www.grumpyjoe.co.uk

INSTRUCTION MANUAL

SECTIONAL CIRCULAR BAR SYSTEM



A Step by Step Guide on Assembling Your Bar

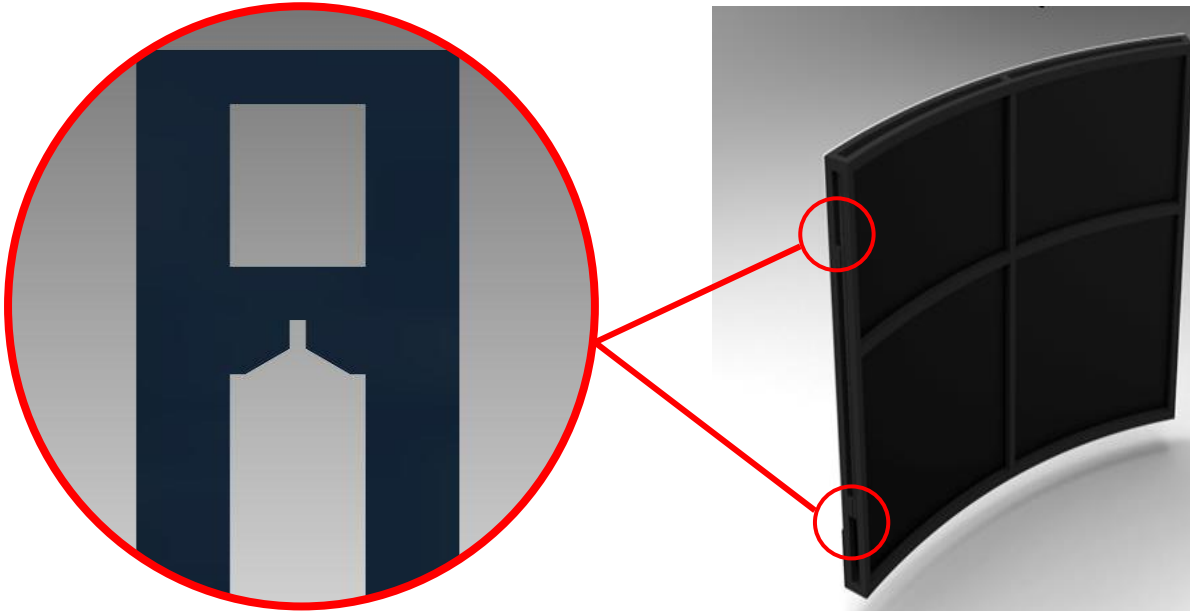
CIRCULAR BAR – USER GUIDE

Thank you for purchasing Grumpy Joe's Sectional Circular Bar System. Please read carefully through all the provided material before fitting your bar.

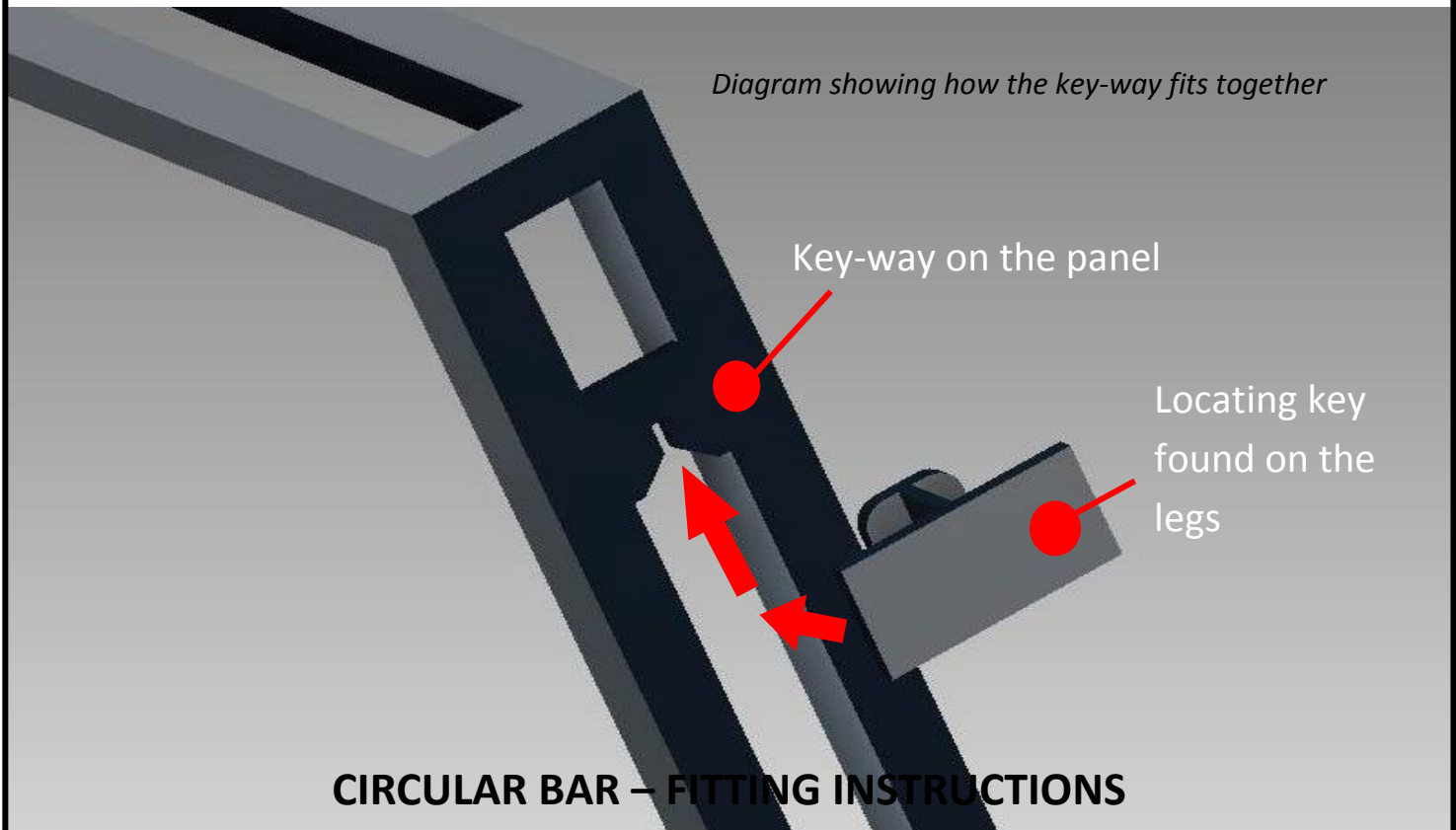
Contents	Page
Fitting Instructions.....	2-4
Bar Designs.....	4
Lighting Instructions.....	5
Weights, Measurements & Components	6-7
Product Care & Maintenance.....	8
Trouble shooting.....	8
Technical Specifications.....	9
Warranty Terms and Conditions.....	10

CIRCULAR BAR – FITTING INSTRUCTIONS

The sectional bar is made up of panels, each panel has a key-way allowing you to locate the support legs and bar panels together.



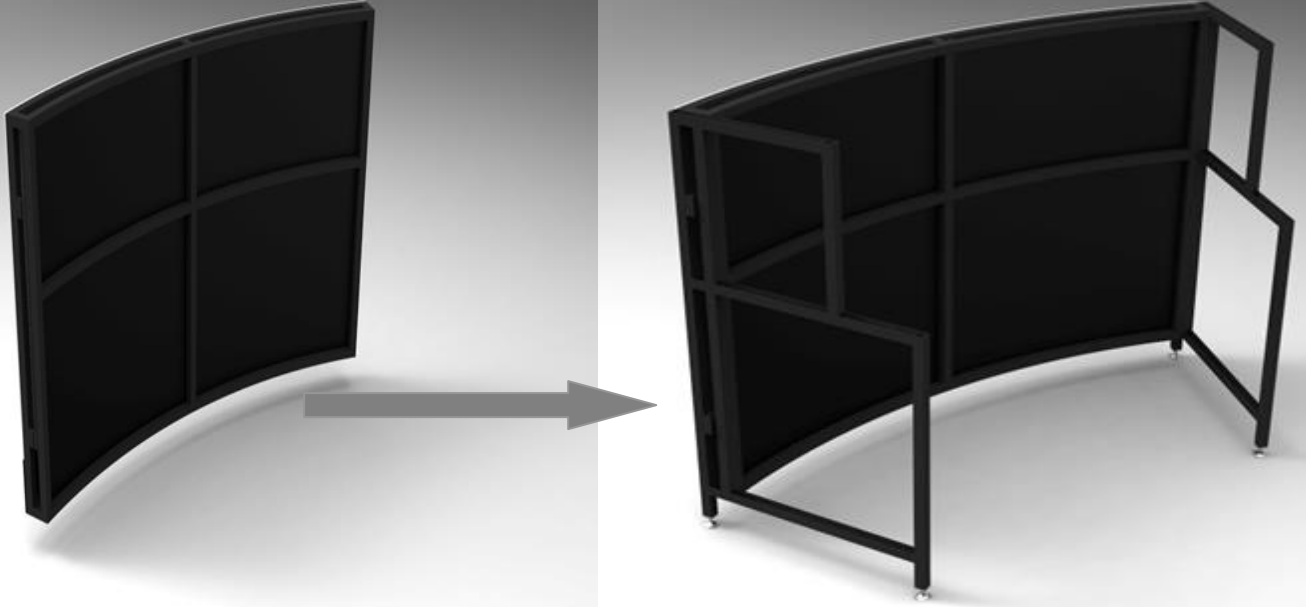
On each leg is the locating key which slots into the key-way to support the panel sections. As you build up the bar, this modular system enables you to build any size or shape.



CIRCULAR BAR – FITTING INSTRUCTIONS

STEP 1

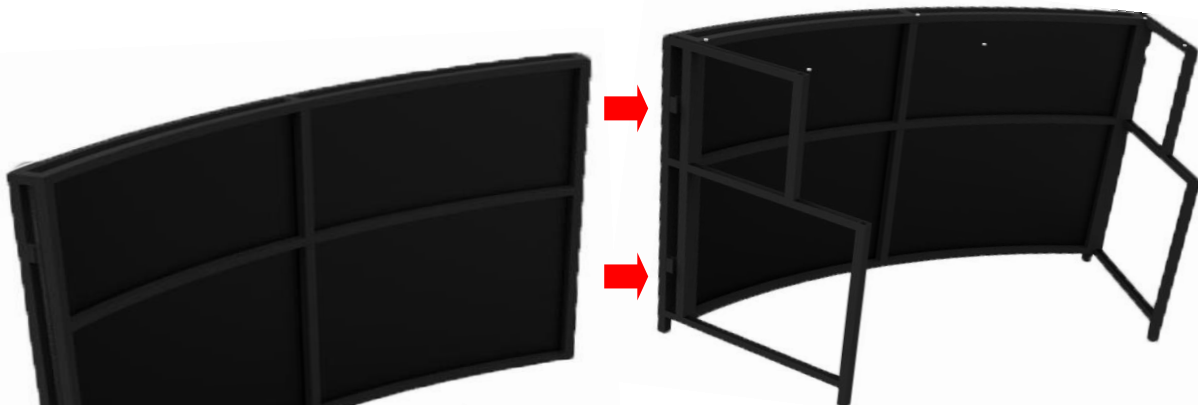
Starting with the curved front panel, lock in to place two leg end supports. The key-way allows you to locate the front panel on to the leg end supports.



Be aware at step 1 the structure will not support itself at this phase of fitting even with the legs on due to the weight of the front panel. The structure is most secure when the shelving is fitted

STEP 2

Attach the next panel to the leg support of the first panel using the same method with the key-way on the leg and location key on the panel, as described on page 2.

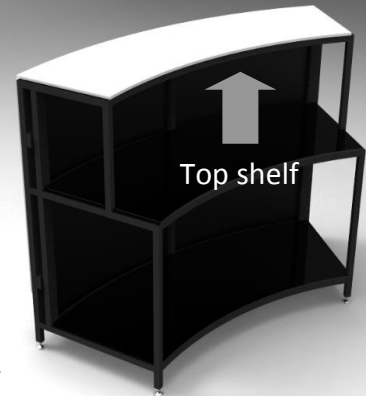
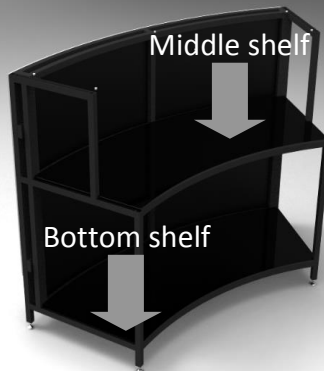


With the second panel and third leg attached, or with ALL the shelves attached, the bar should now be balanced enough to support itself.

CIRCULAR BAR – FITTING INSTRUCTIONS

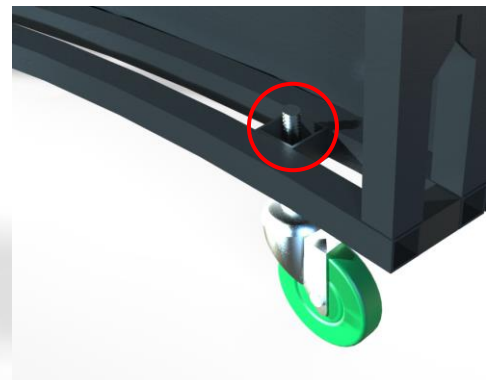
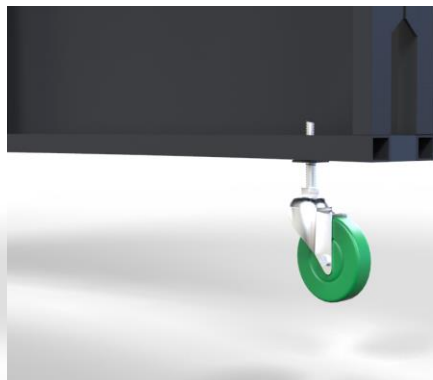
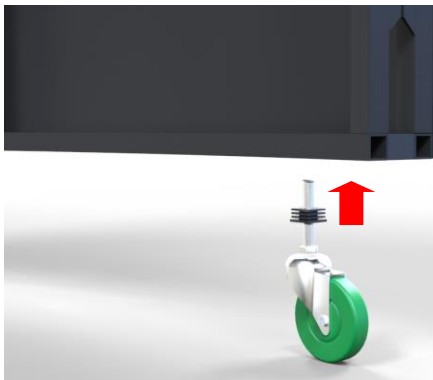
STEP 3

You can either complete your bar before adding the shelving or, you can attach the shelving section by section as you go along. To add the shelving, locate the lower and middle shelves in to their corresponding grooves on the end supports. Next slot the counter top in to the end supports.



Be aware not to trap any cables with the bottom shelf when assembling the bar sections.

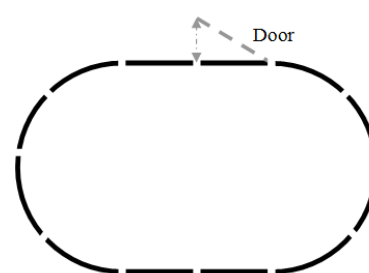
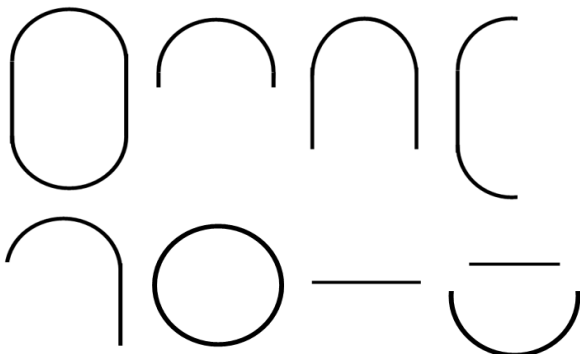
When assembling the door section of the bar, insert the castor into the underside of the section, ensuring that the stopper is pushed firmly into the open square section (image far right).



Continue to build your bar by using the locating key and the key-way until you have the desired shape. The modular system can be added to as required to create other bar shape compositions.

Other possible shape configurations:-

Full bar design with straight panels:-

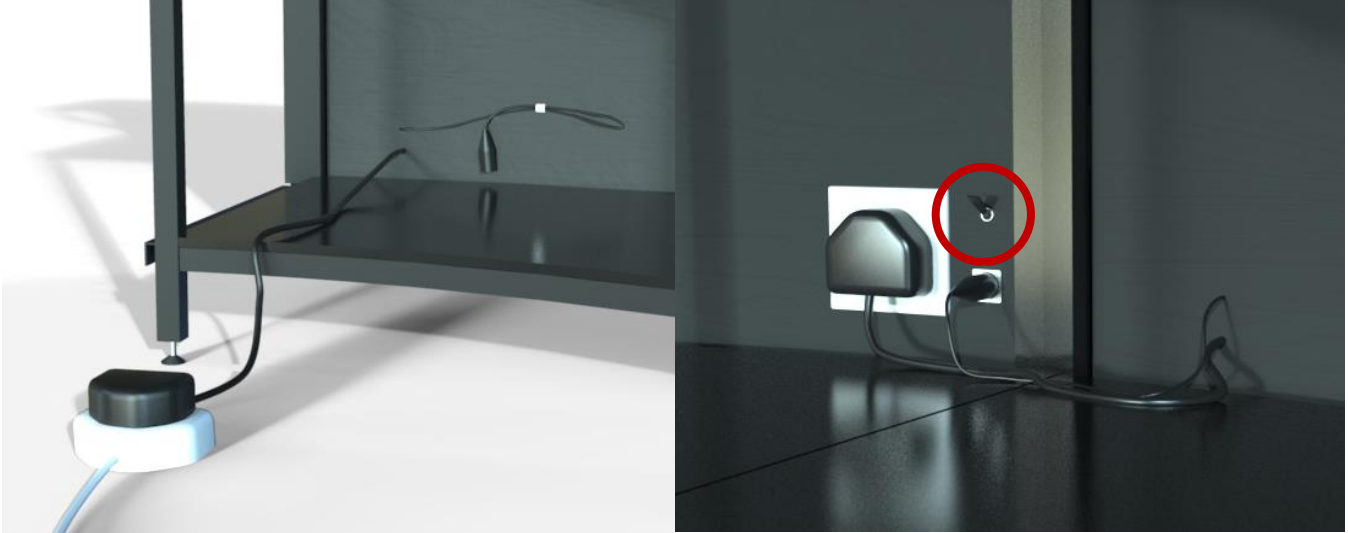


The diagram above shows the bar sections that make the shape. In this example there are 8 curved sections (a complete circle) plus 4 straight panels. (The door is a curved section and can be in any position on your layout).

CIRCULAR BAR – LIGHTING INSTRUCTIONS

STEP 1

Once the bar structure has been set up, the units must be connected to power (if using back-lit version). Connect the first unit to a mains socket and set the switch to driver mode. This allows the unit to receive commands from the remote control.



STEP 2

Next, connect the mains lead and link cable of the next unit into the sockets of the first bar and set the switch to slave. This sets the unit to receive commands from the driver (master) unit to ensure the bars are performing the same colour or effect.



Helpful
Tips

Setting all units to driver (master) would allow each individual unit to be controlled separately as opposed to performing the same effect.

STEP 3

Finally, repeat step 2 on all remaining bars, connecting each bar to the previous unit and setting to slave so that all units follow the same command.

6 CIRCULAR BAR – WEIGHTS, MEASURES and COMPONENTS

Table 1: Circular Bar component measurements (cm)

	Width		Length	Depth	Weight
	Inner	Outer			
Top Shelf	120	153.3	41.5	0.5	7kg
Middle Shelf	130	144.5	51	3	4kg
Bottom Shelf	130	144.5	51	3	4kg

Panel	150	150	8.5	100	20kg
Door	150	150	150	100	24kg
Leg	60	-	107	3	2kg

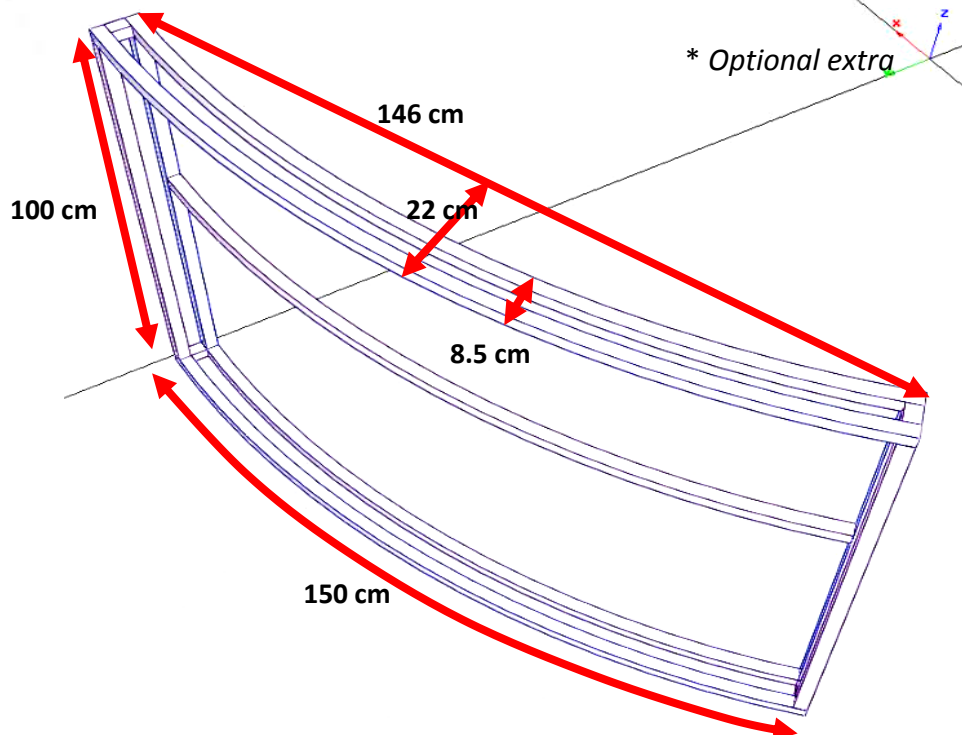
Flight Case	-	62.5	155.5	119.5	20kg
Shelf Trolley	-	150	146	100	24kg

Below are what components to expect in a full 4 meter diameter sectional circular bar system;

- 7 x Curved bar sections
- 1 x Door Panel
- 8 x Legs
- 14 x Shelves
- 8 x Counter tops
- 2 x Flight cases
- 1 x Shelf Trolley
- 1 x Remote control per panel

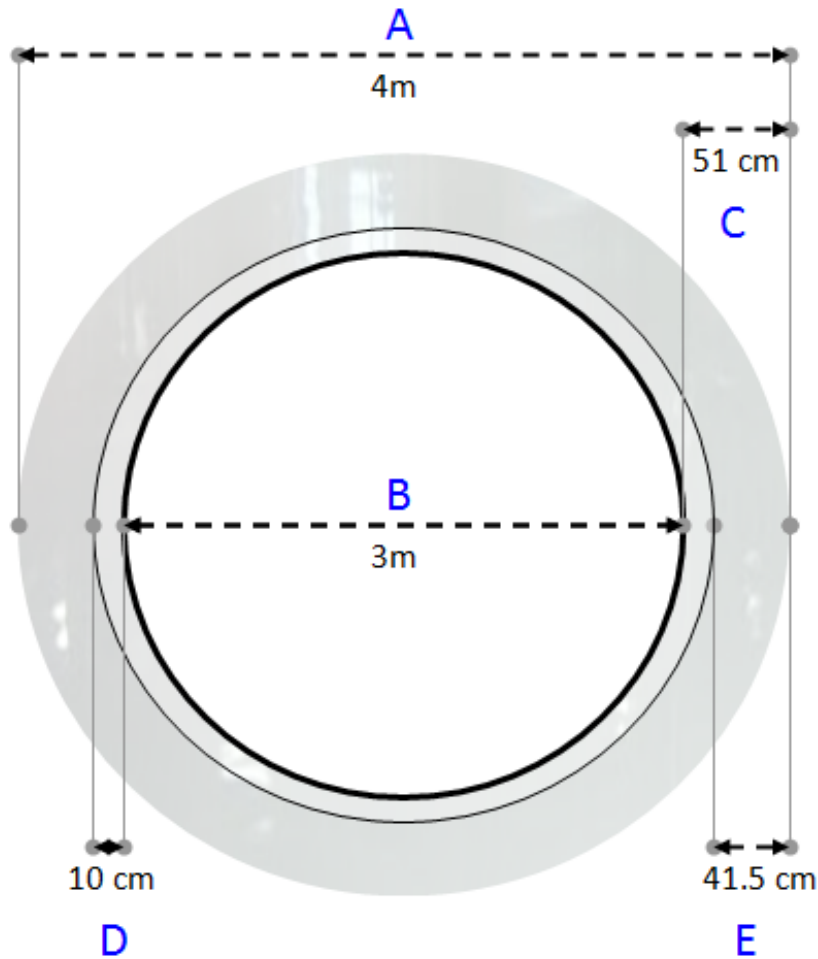
Each panel contains;

- 1404 LED's
- 2 x RGB Amplifiers
- 1 x RF Controller
- 1 x 240v Power supply
- 1 x 3 pin plug socket
- 2 x 4 pin data socket (male/female)
- 1 x switch driver/slave
- 1 x DMX Controller (Chauvet)*
- 1 x DMX 512 Interface box *



CIRCULAR BAR – WEIGHTS, MEASURES and COMPONENTS

CIRCULAR BAR – Overhead view measurement:



- A** – Circular Bar Diameter.
- B** – Working Area.
- C** – Middle/Bottom shelf width.
- D** – Middle/Bottom shelf over-hang.
- E** – Top Shelf working area.

All dimensions are approximate and may vary

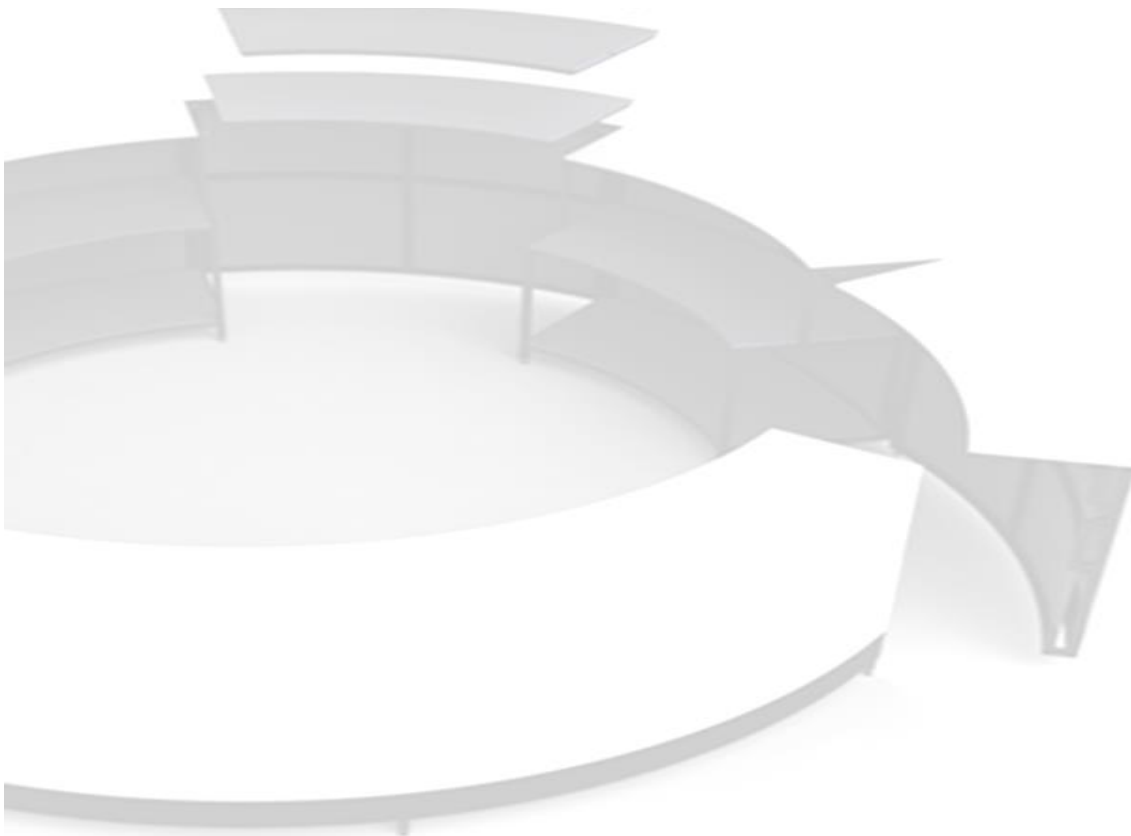
CIRCULAR BAR – PRODUCT CARE & MAINTENANCE

The design of our sectional circular bar System delivers excellent durability, reliability and performance. We expect the bar may come in to contact with minor spillages such as from drinks, the bar is durable enough to withstand such incidences and ideally would be cleaned up straight away. As with all our products, we recommend regular cleaning to ensure the continued functionality of your product.

- Clean with a damp cloth, mild detergent or acrylic cleaner – we recommend Grumpy Joe's Acrylic Potion.
- Store in the appropriate trolley and or flight case.
- DO NOT use abrasive cleaners.
- The acrylic surface should be cleaned with a soft cloth or feather duster.

Trouble shooting

Problem	Suggestion
Panel does not light-up	Check the power supply. To check; plug an appliance into the non-lighting panel socket, if the appliance does work then it is not the power supply. Check the driver/slave switch and ensure its on slave.
Colours are not changing as expected	Check you have the driver/slave switch in the correct position for the panel.
Remote not working	Check the reference number on the panel. The number on the remote <i>must</i> match the number on the panel. If it is the same number and the remote is still not working, please check and change the remote batteries if necessary.
None of the suggestions are working	Please contact us.



CIRCULAR BAR – TECHNICAL SPECIFICATIONS

DMX 512 Controller

DESIGNED FOR INDOOR USE, DO NOT REPAIR

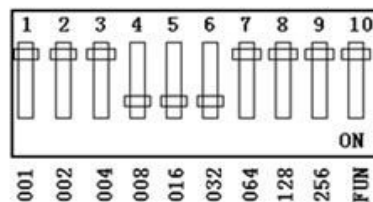
Input Voltage : 12v/24v

Weight : 340g

Output Voltage : Three CMOS drain-open output

Connecting Mode : Common anode

Max output current : 4A each colour



DMX Dipswitch Quick Reference Chart

DMX Address Quick Reference Chart

DMX DIP SWITCH SET					Dip Switch Position															
0-OFF					#9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1-ON					#8	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1
X-OFF or ON					#7	0	0	1	1	0	1	1	0	0	1	1	0	0	1	1
					#6	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1
#1	#2	#3	#4	#5																
0	0	0	0	0		32	64	96	128	160	192	224	256	288	320	352	384	416	448	480
1	0	0	0	0	1	33	65	97	129	161	193	225	257	289	321	353	385	417	449	481
0	1	0	0	0	2	34	66	98	130	162	194	226	258	290	322	354	386	418	450	482
1	1	0	0	0	3	35	67	99	131	163	195	227	259	291	323	355	387	419	451	483
0	0	1	0	0	4	36	68	100	132	164	196	228	260	292	324	356	388	420	452	484
1	0	1	0	0	5	37	69	101	133	165	197	229	261	293	325	357	389	421	453	485
0	1	1	0	0	6	38	70	102	134	166	198	230	262	294	326	358	390	422	454	486
1	1	1	0	0	7	39	71	103	135	167	199	231	263	295	327	359	391	423	455	487
0	0	0	1	0	8	40	72	104	136	168	200	232	264	296	328	360	392	424	456	488
1	0	0	1	0	9	41	73	105	137	169	201	233	265	297	329	361	393	425	457	489
0	1	0	1	0	10	42	74	106	138	170	202	234	266	298	330	362	394	426	458	490
1	1	0	1	0	11	43	75	107	139	171	203	235	267	299	331	363	395	427	459	491
0	0	1	1	0	12	44	76	108	140	172	204	236	268	300	332	364	396	428	460	492
1	0	1	1	0	13	45	77	109	141	173	205	237	269	301	333	365	397	429	461	493
0	1	1	1	0	14	46	78	110	142	174	206	238	270	302	334	366	398	430	462	494
1	1	1	1	0	15	47	79	111	143	175	207	239	271	303	335	367	399	431	463	495
0	0	0	0	1	16	48	80	112	144	176	208	240	272	304	336	368	400	432	464	496
1	0	0	0	1	17	49	81	113	145	177	209	241	273	305	337	369	401	433	465	497
0	1	0	0	1	18	50	82	114	146	178	210	242	274	306	338	370	402	434	466	498
1	1	0	0	1	19	51	83	115	147	179	211	243	275	307	339	371	403	435	467	499
0	0	1	0	1	20	52	84	116	148	180	212	244	276	308	340	372	404	436	468	500
1	0	1	0	1	21	53	85	117	149	181	213	245	277	309	341	373	405	437	469	501
0	1	1	0	1	22	54	86	118	150	182	214	246	278	310	342	374	406	438	470	502
1	1	1	0	1	23	55	87	119	151	183	215	247	279	311	343	375	407	439	471	503
0	0	0	1	1	24	56	88	120	152	184	216	248	280	312	344	376	408	440	472	504
1	0	0	1	1	25	57	89	121	153	185	217	249	281	313	345	377	409	441	473	505
0	1	0	1	1	26	58	90	122	154	186	218	250	282	314	346	378	410	442	474	506
1	1	0	1	1	27	59	91	123	155	187	219	251	283	315	347	379	411	443	475	507
0	0	1	1	1	28	60	92	124	156	188	220	252	284	316	348	380	412	444	476	508
1	0	1	1	1	29	61	93	125	157	189	221	253	285	317	349	381	413	445	477	509
0	1	1	1	1	30	62	94	126	158	190	222	254	286	318	350	382	414	446	478	510
1	1	1	1	1	31	63	95	127	159	191	223	255	287	319	351	383	415	447	479	511

Dip Switch Position

DMX Address

Power supply

DESIGNED FOR INDOOR USE, DO NOT OBSTRUCT HEAT VENTILATION SLOTS, DO NOT REPAIR

Input Voltage : 180-264 VAC 50-60Hz max. 500W

Output Voltage : 24 VDC 6A

CIRCULAR BAR – TERMS and CONDITIONS

Warranty for Grumpy Joe's Sectional Circular Bar System:
 1 year Limited warranty for electronic components
 3 years Limited Warranty for interlocking system

For the warranty period indicated above, Grumpy Joe's ("Manufacturer"), warrants to the Purchaser (Owner) that the Manufacturer will, subject to the Terms, Conditions, and Limitations set forth below, provide repair work or replacement to the Sectional Circular Bar System panels or Sectional Circular Bar System electronic components or the option of a prorated credit (based upon the remaining months of the unexpired warranty) sufficient to replace any part of the Sectional Circular Bar System as a result of any manufacturing defect in the Sectional Circular Bar System electronics or interlocking system subject to exclusions (4) below to include all transport costs in the UK mainland only (Not including Northern Ireland). Grumpy Joe's repair obligation over the life of this warranty is limited to the owner's original cost of the Sectional Circular Bar System. All other repairs to be returned to the manufacturer at the owner's expense and the manufacturer will repair or replace at the owners expense subject to notice and investigation (2) set out below. The manufacturer warrants that the goods will be of satisfactory quality at the time of purchase and or delivery and the Manufacturer shall at its option refund the purchase price or replace free of charge any goods which are defective provided; (a) the owner makes a full inspection of the goods immediately upon delivery to include third party carriers delivery (b) Any delivery by a third party carrier has been checked thoroughly and the owner does not sign for damaged Sectional Circular Bar System parts (c) the owner notifies the manufacturer as laid out in notice and investigations 2 (a) below.

TERMS, CONDITIONS, AND LIMITATIONS

1. Products Covered: The Sectional Circular Bar System is limited to mean the Manufacturer's Grumpy Joe's Sectional Circular Bar System when installed in accordance with Manufacturer's Current Specifications.

2. Notice & Investigation: In the event that a potential claim is suspected due to defective goods at time of delivery, electronic failure or interlocking system failure that would be covered by this warranty: (a) The Purchaser must give notice to the Manufacturer through e-mail, telephone call or in writing within **fourteen (14)** days of the discovery of a potential claim along with a copy of the purchase invoice and (if possible or appropriate) a sample picture of the defective part from the Sectional Circular Bar System.

By so notifying the Manufacturer, the Purchaser authorises the Manufacturer or its designee to investigate the claim. (b) If upon investigation, the Manufacturer determines that the fault is not excluded under the Terms, Conditions and Limitations set forth below and is the result of ordinary wear and tear or a manufacturing defect in the Sectional Circular Bar System at the time of manufacture, the Owner's sole and exclusive remedy and the Manufacturer's liability will be limited to providing repaired original or replacement Sectional Circular Bar System parts (or a prorated credit). (c) Should the investigation reveal that the damage is excluded under the Terms, Conditions, and Limitations set forth below, the Owner is responsible for payment of the investigation costs. Failure by the Owner to pay for these costs whilst on the Manufacturers premises shall render the Sectional Circular Bar System Product the property of the Manufacturer until such time all payments are settled. The Manufacturer will advise the Owner of the type and/or extent of repairs required to be made at the Owner's expense that will permit this Limited Warranty to remain in effect for the un-expired portion of its term. Failure by the Owner to properly notify the manufacturer of the repair needs in a reasonable manner and within a reasonable time shall render this Limited Warranty null and void. (d) Any dispute, controversy or claim between the Owner and the Manufacturer concerning this Limited Warranty shall be settled by mediation. In the event that the Owner and the Manufacturer do not resolve the dispute, controversy or claim in mediation, the Owner and the Manufacturer agree that neither party will commence or prosecute any suit, proceeding or claim other than in the English courts governed by English Law. Each party irrevocably consents to the jurisdiction and venue of the identified English court as Nottingham County Court, 60 Canal Street, Nottingham, NG1 7EJ

3. Payment Required: The Manufacturer shall have no obligation under this Limited Warranty unless and until the Manufacturer has been paid in full for all materials, supplies, services, warranty costs and other costs which are included in, or incidental to, the Sectional Circular Bar System, the Sectional Circular Bar System electronic components and, or including, the Sectional Circular Bar interlocking system.

4. Exclusions: The Manufacturer shall have no obligation under this Limited Warranty, or any other liability, now or in the future if damage to the Sectional Circular Bar System and its parts or surrounding environment is caused by: (a) Natural forces, disasters, accidents or incidents including, but not limited to, wind, hurricanes, tornadoes, hail, lightning, earthquakes, atomic radiation, insects, or animals; (b) Any act(s), conduct or omission(s) by any person, or act(s) of war, which damages the Sectional Circular Bar System or which impairs the Sectional Circular Bar System; (c) Failure by the Owner to use reasonable care in maintaining the Sectional Circular Bar System, said maintenance to include, but not limited to those items listed in the Sectional Circular Bar System Instruction manual titled "Circular Bar – Product Care & Maintenance" (d) Condensation or excessive infiltration of moisture in, through, or around the Sectional Circular Bar System panels or electronics equipment; (e) Excessive heat directly or indirectly to include but not limited to Theatre lights, direct sunlight, fire; (f) Excessive wear and tear beyond normal tolerances of the Manufacturers expectation of flooring performance; (g) Any acid, oil, harmful chemical, chemical or physical reaction and the like which comes in contact with the Sectional Circular Bar System; (h) Power surges, connections to improper voltage supply or foreign objects which cause, but not limited to shorting or excess heat build-up which damage the panels electronics, parts or surrounding environment; (i) Alterations or repairs to the Sectional Circular Bar System not approved in writing by Grumpy Joe's authorised person(s); (j) A change in use or purpose; (k) Poor or improper installation; (L) Use of the product inconsistent with the safety standards in force in the country where it is used and product safety recommendations as written in the manufacturers instructions manual; (m) Damage to the product components or laying surface caused by accidents including but not limited to exclusion 4(k) and misuse or neglect; (n) Failure to give proper notice as set forth in paragraph 2(a) above; (o) Carriers damage to include signed paperwork by the Owner of the Sectional Circular Bar System that has not been checked thoroughly for damage in transit as, signed delivery of the Sectional Circular Bar System by the Owner deems the Sectional Circular Bar System in a satisfactory condition at the point of delivery making any application by the Manufacturer on the Owners behalf against the carrier null and void and as such, no claim by the Owner as set forth in section (2) Notice & Investigation above can be made.

5. Exceptions: In no event shall The Manufacturer be liable for personal injury or death, incidental or consequential to include, but not limited to the public and/or the buyer/Owner.

6. Waiver: The Manufacturer's failure to enforce any of the terms or conditions stated herein shall not be construed as a waiver of such provision or of any other terms and conditions of this Limited Warranty and shall no way affect the manufacturers right to enforce provision at a later date.

7. Limits: This Limited Warranty does not cover the Sectional Circular Bar System Acrylic Surface to include loss of the surface gloss finish. The surface of the Sectional Circular Bar System is a tough solid acrylic. This can be scratched by, but not limited to, grit, sand, stones or broken glass being ground into the surface. Scratches or damage to the surface of the acrylic are not covered by this Limited Warranty and care should be taken to protect the surface as explained in the users manual as titled "Circular Bar – Product care & Maintenance".

THE MANUFACTURER DOES NOT WARRANT PRODUCTS INCORPORATED OR UTILISED IN ANY INSTALLATION THAT IT HAS NOT FURNISHED. THE MANUFACTURER SPECIFICALLY DISCLAIMS LIABILITY, UNDER ANY THEORY OF LAW, ARISING OUT OF THE INSTALLATION OR PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY THE MANUFACTURER. THIS LIMITED WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES OR GUARANTEES WHETHER WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER AND THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS. THIS LIMITED WARRANTY CANNOT BE AMENDED, ALTERED OR MODIFIED IN ANY WAY EXCEPT IN WRITING SIGNED BY AN AUTHORISED OFFICER OF THE MANUFACTURER. NO OTHER PERSON HAS ANY AUTHORITY TO BIND GRUMPY JOES WITH ANY REPRESENTATION OR