

Parts for Cocktail Arcade Machine

NB: I am located in Sydney, Australia

Description	Source	Direct Link to part	Approx Costs (Australian \$)	Qty required	Extended Cost	Notes
			(This is the cost for a part or packet)	(Qty purchased for this project)		
Parts for the Cabinet						
18mm Melamine MDF 2400mm x 1200mm	http://www.plywoodandplastics.com.au/	http://www.plywoodandplastics.com.au/products.php?product=37	\$ 89.00	1	\$ 89.00	For main cabinet carcass
Blum Insert Hinges 16mm crank (Pk of 2)	http://www.bunnings.com.au/	https://www.bunnings.com.au/blum-110-degree-16mm-crank-soft-close-hin	\$ 18.46	2	\$ 36.92	To hinge the top (Blum pt number PPBM71275B)
6mm x 13mm Fixings (Pk of 4)	http://www.bunnings.com.au/	https://www.bunnings.com.au/prestige-m6-x-13mm-zinc-plated-type-d-scre	\$ 4.09	2	\$ 8.18	8off used to hold front/rear panels to cross braces
6mm x 20mm Fixings (Pk of 4)	http://www.bunnings.com.au/	https://www.bunnings.com.au/prestige-m6-x-20mm-zinc-plated-screw-in-in	\$ 4.32	1	\$ 4.32	4off used to hold control panels to Fr & Rear panels
6mm x 50mm Threaded bolts (Pk of 4)	http://www.bunnings.com.au/	https://www.bunnings.com.au/prestige-m6-x-50mm-electro-brass-connecto	\$ 3.98	2	\$ 7.96	To hold front & rear panels to carcass
M6 / 1/4 Mudguard washers	http://www.bunnings.com.au/	http://www.brisbanetoolandhardware.com.au/product_info.php?manufactu	\$ 4.00	1	\$ 4.00	To spread the load of the M6 bolts - I bought these in Bunnings but can't find a link to them hence the 3rd party link to the correct item
9mm MDF sheet 1200x900	http://www.bunnings.com.au/	https://www.bunnings.com.au/customwood-mdf-900-x-600-x-9mm-standar	\$ 9.65	1	\$ 9.65	For control box structure
6mm MDF sheet 1200x900	http://www.bunnings.com.au/	https://www.bunnings.com.au/customwood-mdf-1200-x-900-x-6mm-standa	\$ 11.85	1	\$ 11.85	For top template
75mm x 35mm MGP10 Structural Pine (2.4m length)	http://www.bunnings.com.au/	https://www.bunnings.com.au/un-treated-pine-timber-framing-mgp-10-70-3	\$ 2.23	2.4	\$ 5.35	For main cabinet cross braces
18mm x 18mm Pine DAR	http://www.bunnings.com.au/	https://www.bunnings.com.au/porta-18-x-18mm-2-7m-pine-dar-fl_p022000	\$ 4.94	1	\$ 4.94	For control box corners
42mm x 18mm Pine DAR	http://www.bunnings.com.au/	https://www.bunnings.com.au/porta-pine-dar-fl-42-x-18mm-2-7m_p022001	\$ 6.61	1	\$ 6.61	To hold monitor in position
Can of Black Spray Paint	http://www.bunnings.com.au/	https://www.bunnings.com.au/dulux-duramax-340g-satin-black-spray-paint	\$ 11.45	1	\$ 11.45	To paint control boxes
Glass top - 6mm Toughened	http://www.sydneyglass.com	http://www.sydneyglass.com	\$ 93.50	1	\$ 93.50	Template made from 6mm MDF
Prints for top and side	www.elytrart.com	www.elytrart.com	\$ 152.00	1	\$ 152.00	
Prestige minifix hold down cam and bolts (Pk of 4)	http://www.bunnings.com.au/	https://www.bunnings.com.au/connector-cam-bolt-prestige-32mm-m6-zinc	\$ 6.83	1	\$ 6.83	to hold the hinged top down
Glass Clips (8 off)	www.vadership.com	http://www.vadership.com/product/set-of-8-cocktail-table-top-machines/	\$ 13.99	1	\$ 13.99	8off used to hold down glass top
Sheet Metal Screws SS 304 10G x 15mm	http://www.bunnings.com.au/	https://www.bunnings.com.au/zenith-10g-x-15mm-stainless-steel-self-tappo	\$ 4.20	1	\$ 4.20	8off Used to secure glass clips
Feet (4 off)	Aliexpress - Store: GRACE FURNITURE&DO	https://www.aliexpress.com/item/Landine-foot-athletic-thick-durable-sofa-f	\$ 40.51	1	\$ 40.51	\$27.98USD (inc shipping)
Wood Screws 8g x 18mm (Pk of 40)	http://www.bunnings.com.au/	https://www.bunnings.com.au/zenith-8g-x-18mm-zinc-plated-countersunk-l	\$ 4.20	1	\$ 4.20	24off to hold feet in place
Wood Screws 10G x 60mm (Pk of 50)	http://www.bunnings.com.au/	https://www.bunnings.com.au/zenith-10g-x-60mm-zinc-plated-hinge-longth	\$ 6.50	1	\$ 6.50	16off Screws used for main carcass cross braces
Wood screws 8G x 40mm (Pk of 20)	http://www.bunnings.com.au/	https://www.bunnings.com.au/zenith-8g-x-40mm-galvanised-countersunk-r	\$ 4.20	1	\$ 4.20	6off required to bit base to cross braces
Wood screws 8G x 20mm (Pk of 100)	http://www.bunnings.com.au/	https://www.bunnings.com.au/zenith-8g-x-20mm-zinc-plated-hinge-long-th	\$ 5.17	1	\$ 5.17	8off required to hold control box sides on
Wood Screws 6G x 15mm (Pk of 45)	http://www.bunnings.com.au/	https://www.bunnings.com.au/zenith-6g-x-15mm-zinc-plated-hinge-long-th	\$ 4.20	1	\$ 4.20	16off required to hold joysticks in place
Wood Screws (black) 6G x 16mm (Pk of 45)	http://www.bunnings.com.au/	https://www.bunnings.com.au/qix-fix-countersunk-timber-screws-3-5mm-6	\$ 4.10	1	\$ 4.10	8off to hold speakers in place
T molding (White) 1 Metre length	Ebay - gamedudecomputers	http://www.ebay.com.au/itm/161519016773	\$ 15.50	3	\$ 46.50	Used all 3M
T Molding (Black) - 1 Metre length	Ebay - gamedudecomputers	http://www.ebay.com.au/itm/311210326117	\$ 15.50	2	\$ 31.00	in hindsight, just 4m of white will be required.
T molding shipping	Ebay - gamedudecomputers	n/a	\$ 28.00	1	\$ 28.00	Postage was significant part of cost of the T molding
Electronics Parts						
17" 4:3 monitor (Dell in my case)	Free - It was reclaimed from e-waste	Try your IT dept at work or a local PC shop!	\$ -	1	\$ -	
Raspberry Pi 2 Model B	AusPI	https://www.buynraspberrypi.com.au/shop/product-category/kits/raspberrv	\$ 69.95	1	\$ 69.95	I had this part already - if I was doing the project again from scratch then it would be more cost effective to just buy a version 3
ControlBlock	http://petrockblog.storenvy.com/	http://petrockblog.storenvy.com/products/13969497-controlblock	\$ 60.81	1	\$ 60.81	(39USD+6 Delivery)
Joysticks (Sanwa J1W)	www.ozstick.com.au	http://www.ozstick.com.au/product/sanwa-joystick/	\$ 27.00	2	\$ 54.00	
Buttons (white)	www.ozstick.com.au	http://www.ozstick.com.au/product/goldleaf-pushbutton/	\$ 3.75	6	\$ 22.50	Buttons are small - issue with wire harness
Buttons (Player 1 & Player 2)	www.ozstick.com.au	http://www.ozstick.com.au/product/classic-dimpletop-pushbutton-with-pla	\$ 2.50	2	\$ 5.00	
Buttons (Blue)	www.ozstick.com.au	http://www.ozstick.com.au/product/classic-dimpletop-pushbutton/	\$ 2.50	2	\$ 5.00	
Buttons (Red)	www.ozstick.com.au	http://www.ozstick.com.au/product/classic-dimpletop-pushbutton/	\$ 2.50	1	\$ 2.50	
Wiring harness	www.ozstick.com.au	http://www.ozstick.com.au/product/wiring-kit/	\$ 13.50	1	\$ 13.50	minor issue that connectors are std size and don't fit the tabs on some of the above buttons I choose.
Ceiling speakers	E-bay Seller ID direct-n-save	http://www.ebay.com.au/itm/121835922111	\$ 29.00	1	\$ 29.00	
3W PAM8403 Amplifier	Ebay - Seller ID alicel1101983	http://www.ebay.com.au/itm/2pcs-2-Channel-3W-Digital-power-PAM8403-	\$ 0.50	1	\$ 0.50	
12V-5V DC-DC converter	Ebay - Seller ID alicel1101984	http://www.ebay.com.au/itm/2PCS-3A-DC-DC-Converter-Adjustable-Step-dc	\$ 0.85	1	\$ 0.85	
1m Length of LED's	Ebay - Seller ID beautyzz2009	http://www.ebay.com.au/itm/AU-1M-2M-5M-10M-Multi-color-3528-50	\$ 3.75	1	\$ 3.75	I didn't actually buy these from this vendor - I already had them on hand
50k Stereo Potentiometer	www.iaycar.com.au	http://www.iaycar.com.au/50k-ohm-logarithmic-a-double-gang-24mm-pote	\$ 4.50	1	\$ 4.50	
Potentiometer knob	www.iaycar.com.au	http://www.iaycar.com.au/29mm-black-anodised-knob/p/HK7011	\$ 4.95	1	\$ 4.95	
2M HDMI to DVI-D Cable Gold 24+1	www.shoppingssquare.com.au	http://www.shoppingssquare.com.au/p_398693_2M_HDMI_to_DVID_Cable	\$ 6.95	1	\$ 6.95	
Expandable PPS sleeve (wire covering)	www.iaycar.com.au	http://www.iaycar.com.au/expandable-pps-sleeve-10mm-x-2m/p/WH5587	\$ 5.95	1	\$ 5.95	To keep the individual joystick/button wiring neat
Small plastic enclosure	www.iaycar.com.au	http://www.iaycar.com.au/bulkhead-black-65-x-38-x-27mm/p/HB6065	\$ 2.65	1	\$ 2.65	For the DC-DC converter and the 3W amplifier
On/Off Switch	www.iaycar.com.au	http://www.iaycar.com.au/black-latching-ip65-pushbutton-switch/p/SP0758	\$ 6.95	1	\$ 6.95	On/Off switch for Raspberry Pi
Mains Extension lead (white 3M)	http://www.bunnings.com.au/	https://www.bunnings.com.au/arlec-3m-household-extension-lead_p43304	\$ 2.98	1	\$ 2.98	Cut off to use as main power lead
Mains IEC lead (for LCD monitor)	http://www.bunnings.com.au/	https://www.bunnings.com.au/jackson-1-2m-replacement-iec-power-lead_p	\$ 10.45	1	\$ 10.45	I actually had this in the garage but I've linked in what you require
				Sub Total	\$ 957.88	
Specialist tools I needed to buy for this project						
T slot cutter for router	Ebay User ID willmottcollection	http://www.ebay.com.au/itm/141179851013	\$ 49.56	1	\$ 49.56	
Top following cutter for router	Ebay User ID willmottcollection	http://www.ebay.com.au/itm/141671533344	\$ 32.67	1	\$ 32.67	
35mm Forstner bit - Crafright	http://www.bunnings.com.au/	https://www.bunnings.com.au/crafright-35mm-concealed-hinge-cutter_p6	\$ 11.93	1	\$ 11.93	
				Sub Total	\$ 94.16	
				Grand Total	\$ 1,052.04	
Miscellaneous parts found in my workshop						
Spacers and supports for the Raspberry Pi and Control block						
Insulation Tape for buton terminals						
Wiring for 12V & 5VDC						
3 way connector block for mains wiring						
Woodworking glue & wood filler						
Various cable clips						