

TroniC's MidiStim (a mid-priced, reliable and approved high-power StereoStimBox for beginners without electronics knowledge and soldering skills)

Parts List for Europe (by TroniC) last updated: 2020-05-02

10						19		90.96		
No.	Denomination	Data / Advice	Manufacturer	Type	Retailer	Order No.	Qty.	unit price €	all round price €	Link to Retailer
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Amplifier	> 2x20W RMS @ 4 Ohms, < 2x35W RMS @ 4 Ohms	Douk Audio, Breeze Audio, Nobsound	TPA3116 HiFi 2.0	ebay, Amazon		1	40.00	40.00	
			Wuzhi Audio	ZK-1002	ebay, Amazon			15.00	0.00	
2	power supply unit	DC 15 V, 4 A (60 W)	MEAN WELL	GSM60B15-P1J	Conrad	1837930 - VQ		26.24	0.00	gclid=EALalQobChMkfrMgtOV6QIVT8ayCh2vtgKzEAAQYAiABEGlLfD_BwE&hk=SEM&WT.srch=1&WT.mc_id=google_pla&s_kwcid=AL
		DC 12, V 5 A, (60 W)	Ledmo	12 V, 5 A	Amazon		1	11.98	11.98	https://www.amazon.de/L-EDMO-Netzteil-Transformator-L
		DC 12...16 V, 4...5 A, Class II (double insulated), 2-prong AC-plug (without earth pin) CE-certified	miscellaneous		ebay, Amazon			18.00	0.00	
3	Audio Line Transformer	70...100 V, 5...10 W, with color coded leads	Omnitronic	ELA-T10	Conrad	313209 - 62	2	9.49	18.98	https://www.conrad.com/p/omnitronic-ela-t10-pa-transformator
			speaka	335533	Conrad	335533		9.99	0.00	
			Monacor	TR-175/10	LTT-Versand	250111160		16.60	0.00	https://www.ltt-versand.de/Ton/Installation/Ela-Technik-1
4	Resistor	3.3...3.9 Ohms, min. 15 W, chassis-mount	ATE Electronics	RB25/1-3R9-J	Conrad	421294 - 62	2	3.29	6.58	http://www.conrad-electronic.co.uk/ce/en/product/421294
5	Barrier Terminal Block	Wire-to-Wire, min. 8pole			Conrad	600300 - 62	1	1.61	1.61	http://www.conrad-electronic.co.uk/ce/en/product/600300
6	Mounting Plate	Aluminium 200x140x2 mm	you'll find it somewhere				1	0.00	0.00	
7	small bolts and nuts	M3x20					8	0.05	0.40	
8	Cable Ties	(for strain relief)	ABB	TY100-18X	Conrad	558589 - 62	1	1.23	1.23	http://www.conrad-electronic.co.uk/ce/en/product/532045
9	Test Leads red (Banana Cable)	Banana Plug to Banana Plug	SKS Hirschmann	CO MLN 50/1	Conrad	122601 - 62	1	5.09	5.09	http://www.conrad-electronic.co.uk/ce/en/product/122601
10	Test Leads black (Banana Cable)	Banana Plug to Banana Plug	SKS Hirschmann	CO MLN 50/1	Conrad	122667 - 62	1	5.09	5.09	https://www.conrad.de/de/search.html?search=122667%
total								EUR	90.96	

* items 9-10 may be omitted, if you are willing to screw the connections between amp and rig and the connections of your trodes onto the rig

Parts List for USA and America (by t.haur and x61525) last updated: 2020-06-28

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No.	Denomination	Data / Advice	Manufacturer	Type	Retailer	Order No.	Qty.	unit price \$	all round price \$	Link to Retailer
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Amplifier	> 2x20W RMS @ 4 Ohms, < 2x35W RMS @ 4 Ohms	Douk Audio, Breeze Audio, Nobsound	TPA3116 HiFi 2.0	ebay, Amazon		1	40.00	40.00	http://www.ebay.com/itm/2014-SMSL-SA-36A-Pro-20W-2
		approved deviation — 25 W RMS @ 8 ohms. NOTE: requires separate volume controls (trimmer for one-time adjustment only)	SSL (Sound Storm Laboratories)	EV2.200	Amazon	B003EH1BM2		38.00	0.00	https://smile.amazon.com/Sound-Storm-Laboratories-EV2-200-Evolution/dp/B003EH1BM2
		Mount vertically, capacitors down, with ventilation holes above and below, rubber feet needed for airflow.	Wuzhi Audio	ZK-1002	ebay, Amazon			17.00	0.00	https://smile.amazon.com/ZK-1002-Wireless-Bluetooth-A
2.	power supply unit	DC 12 V, 5 A, (60 W)	Chanzon (works with 2.1 mm and 2.5 mm barrel jacks)	12 V, 5 A	Amazon	B073QTNF9F	1	10.00	10.00	https://www.amazon.com/110V-220V-Converter-Lighting-Transformer-Flexible/dp/B073QTNF9F
		DC 12...16 V, 4...5 A, Class II (double insulated), 2-prong AC-plug (without earth pin) UL-listed	miscellaneous		ebay, Amazon			10.00	0.00	
3	Audio Line Transformer	70 V, 10 W	Speco	T7010	zoro.com walcoinc.com		2	7.50	15.00	http://www.zoro.com/i/G3494127/
		70 V, 10 W, 100-12,000 Hz	Parts Express	300-040	Parts Express	300-040		5.19		https://www.parts-express.com/70v-10w-speaker-line-matching-transformer--300-040
		70 V, 10 W, 50-20,000 Hz (wider frequency range)	Quam	TCH70	Parts Express	244-3350		13.98		https://www.parts-express.com/quam-tch70-10w-70v-low-loss-extended-lf-speaker-line-matching-transformer--244-3350
4	Resistor	3.3...3.9 Ohms, min. 15 W, chassis-mount	Welwyn Components / TT Electronics	WH25- 3R9JI	Mouser	756-WH25-3R9JI	2	3.00	6.00	http://www.mouser.com/ProductDetail/TT-Electronics/WH
5	Barrier Terminal Block	Wire-to-Wire, min. 8pole			ebay		1	1.50	1.50	
6	Mounting Plate	Aluminium 200x140x2 mm	you'll find it somewhere				1	0.00	0.00	
7	small bolts and nuts	M3x20; 1/8"x3/4"					8	0.05	0.40	
8	Cable Ties	(for strain relief)	Panduit	PLT.7M-M30	Mouser	644-PLT.7M-M30	8	0.10	0.80	http://www.mouser.com/ProductDetail/Panduit/PLT7M-M
9	Test Leads red (Banana	Banana Plug to Banana Plug			ebay		1	5.00	5.00	
10	Test Leads black (Banana Cable)	Banana Plug to Banana Plug			ebay		1	5.00	5.00	

total									\$	83.70	
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