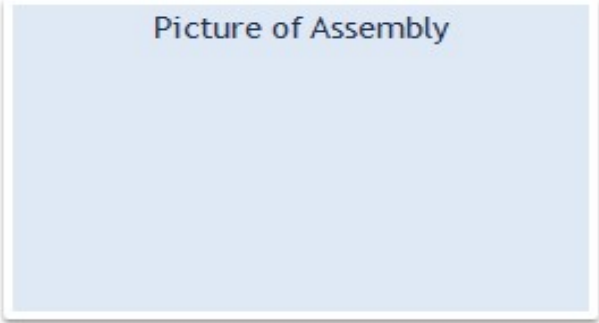


Class 1MCT2
 First Name: Milan
 Name Vervaeke
 Project Name : Connectable
 Assembly Revision : 2.0
 Approval Date : 18-Mar-20
 Part Count : 1
 Total Cost : €10



(picture can only be added with END delivery of project!)

Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4 model B	To control the entire system	1	1	SOS SOLUTIONS	Digi-key	1	€ 47,00	€ 47,00	
2	Raspberry pi T-cobbler	Breakout board for Raspberry Pi	1	1	SOS SOLUTIONS	Reichelt	1	€ 7,95	€ 7,95	
3	Speakers Dayton Audio ND65-8 2-1/2" Aluminum Cone Full-Range Driver 8 Ohm	In order to playback audio	1	1	Soundimports	Recycled Components	2	€ 24,95	€ 24,95	
4	Rotary encoder	to adjust the volume	1	1	BangGood	Christians Technikshop	1	€ 1,47	€ 1,47	
5	30W mini amplifier	To increase the volume range	1	1	Ebay	Aliexpress	1	€ 3,00	€ 3,00	
6	Linear actuator	to open the cooler	1	1	Amazon	ebay	1	€ 35,00	€ 35,00	
7	IR remote / reciever	To send and receive IR signals in order to control the table	1	1	Included in arduino kit	Amazon	2	€ 7,00	€ 7,00	
8	LCD	To display information like the IP address	2	1	Aliexpress		1	€ 1,74	€ 1,74	

9	C14 to powertrip cord	to recieve power from an outlet	1	1	Onlinekabelshop	allekabels	1	€ 11,00	€ 11,00
10	temperatuursensor DS18D20	measure temperature to control vent and increase power efficiency	1	1	BangGood	Digi-key	1	€ 10,00	€ 10,00
11	12V ventilator + heat sink	Transtport hot air out to make it cool inside	1	1	I-mania	GearBest	1	€ 19,80	€ 19,80
12	peltier cooling pad	Helps for cooling down more easily	1	1	Amazon	GearBest	1	€ 3,50	€ 3,50
11	12V power supply	Supplies power to the cooler and fan	2	1	Distrelec		1	€ 28,33	€ 28,33
11	H-brug In298	Changes rotation of the motor	2	1	Vandenberghe		1	€ 9,90	€ 9,90
Total			12					€ 210,64	