

\$249

Parts list - New Ollie Electronic Loud-hailer

	1x			
Uno R3	\$	20	Amazon	ELEGOO UNO R3 Board ATmega328P with USB Cable(Arduino-Compatible) for Arduino
1602 Keyshield	\$	11	Amazon	2pcs 1602 LCD Keypad Shield 1602 LCD Expansion Shield Board Blue Backlight 4.5-5.5V for Arduino R3 MEGA2560 Nano Due Duemilanove
Green Button	\$	7	Amazon	STARELO 16MM 5/8" Momentary Push Button Switch High Round 250V AC 5A 12V 36V DC 2A 1NO SPST Waterproof Aluminum Shell
Yellow Button	\$	7	Amazon	STARELO 16MM 5/8" Momentary Push Button Switch High Round 250V AC 5A 12V 36V DC 2A 1NO SPST Waterproof Aluminum Shell
On/Off switch	\$	3	Amazon	DaierTek ON Off Round Rocker Switches SPST 20mm Mini 12 Volt DC Mini Circle Toggle Switch
Manual Horn button	\$	9	Amazon	Twidex/16MM Raised Speaker Horn Momentary Push Button Switch 5/8" Mounting Hole 12V Green Led Light Black Stainless Steel Shell 1NO 1NC SPDT with Pre-wiring
Air horn	\$	26	Amazon	12V Car Air Horn, 150DB Super Loud Train Air Horn Kit for Truck Car, Chrome Plated Zinc Dual Trumpet Air Horns with Compressor
Air hose 8'	\$	12	???	Compatible with the compressor and air horn
Battery	\$	28	Amazon	ExpertPower 12 Volt 12 Ah Rechargeable Battery with F2 Terminals
Battery Charger	\$	20	Amazon	UPG D1724 Sealed Lead Acid Battery Charger (6V/12V Switchable Single-Stage With Alligator Clips)
Terminal Bus	\$	10	Amazon	Terminal Strips, FIXITOK 6 Sets 4/5/6 Positions
Piezo buzzer	\$	10	Amazon	2 PCS Piezo Buzzer, Icstation Buzzer Alarm 12V Electronic Beep Buzzer 100dB Piezo Alarm Siren Continuous Sound
Container for Arduino	\$	9	Amazon	Otdorpatio Project Box ABS Plastic Black Electrical Boxes IP65 Waterproof DIY Electronic Junction Box Power Enclosure 7.87 x4.72 x2.95 inch
Briefcase	\$	60	Harbor Freight	APACHE 4800 Weatherproof Protective Case, X-Large, Green
Optional - to create hand held manual button				
	\$	9	Amazon	Twidex/16MM Raised Speaker Horn Momentary Push Button Switch 5/8" Mounting Hole 12V Green Led Light Black Stainless Steel Shell 1NO 1NC SPDT with Pre-wiring
	\$	8	Amazon	US Standard Water-Proof Power Outlet 3-Hole Socket AC 15A 125V Panel Mount Dust-Proof

Wire
shrink
solder
connectors
Hot Glue

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