

A Naturalistic Setup for Presenting Real People and Live Actions in Experimental Psychology and Cognitive Neuroscience Studies

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Materials

Name	Company	Catalog Number	Comments
Adjustable Height Table	Custom-made	N/A	Width: 60 cm, Height: 62 cm, Depth: 40 cm
Ardunio UNO	Smart Projects	A000066	Microcontroller used for switching the state of the LEDs from the script running on the operator PC
Black Pants	No brand	N/A	Relaxed-fit pants of actors with no apparent brand name or logo.
Case	Xigmatek	EN43224	XIGMATEK HELIOS RAINBOW LED USB 3.0 MidT ATX GAMING CASE
CPU	AMD	YD1600BBAFBOX	AMD Ryzen 5 1600 Soket AM4 3.2 GHz - 3.6 GHz 16 MB 65 W 12 nm Processor
Curtains	Custom-made	N/A	Width: Part 1: 110 cm width from the wall (left) side, Part 2: 123 cm width above OLED display, Part 3: 170 cm from OLED display to right side, Cabin depth: 100 cm, Inside cabin depth: 100 cm, all heights 230 cm except for Part 2 (75 cm height)
Experimenter Adjustable/Swivel Chair	No brand	N/A	Any brand
Experimenter Table	Custom	N/A	Width: 160 cm, Height: 75 cm, Depth: 80 cm
GPU	MSI	GT 1030 2GHD4 LP OC	MSI GEFORCE GT 1030 2GHD4 LP OC 2GB DDR4 64bit NVIDIA GPU
Grey-color blackout curtain	Custom-made	N/A	Width: 330 cm, Height: 230 cm, used for covering the background
Hard Disk	Kioxia	LTC10Z240GG8	Kioxia 240 GB Exceria Sata 3.0 SSD (555 MB Read/540 MB Write)

Hard Disk	Toshiba	HDWK105UZSVA	Toshiba 2,5" 500 GB L200 SATA 3.0 8 MB Cache 5400 Rpm 7 mm Harddisk
High-Power MOSFET Module	N/A	N/A	Heating Controller MKS MOSFET Module
Laptop	Apple	S/N: C02P916ZG3QT	MacBook Pro 11.1 Intel Core i7 (Used as the actor PC)
Laptop	Asus	UX410U	Used for monitoring the security camera in real-time.
LED lights	No brand	N/A	
LED Strip Power Supply	No brand	N/A	AC to DC voltage converter used for supplying DC voltage to the lighting circuit
MATLAB	The MathWorks Inc., Natick, MA, USA	Version: R2022a	Used for programming the experiment. Required Toolboxes: MATLAB Support Package for Arduino Hardware (version 22.1.2) Instrument Control Toolbox (version 4.6) Psychtoolbox (version 3)
Monitor	Philips	UHB2051005145	Model ID: 242V8A/00, PHILIPS 23.8" 242V8A 4ms 75 Hz Freesync DP-HDMI+VGA IPS Gaming Monitor
Motherboard	MSI	B450M-A PRO MAX	MSI B450M-A PRO MAX Amd B450 Socket AM4 DDR4 3466(OC) M.2 Motherboard
Mouse Pad for participant	Monster	78185721101502042 / 8699266781857	Pusat Gaming Mouse Pad XL
Night lamp	Aukes	ES620-0.5W 6500K-IP 20	Used for helping the actors see around when the lights are off in the backstage.
Participant Adjustable/Swivel Chair	No brand	N/A	
Participant Table	IKEA	Sandsberg 294.203.93	Width: 110 cm, Height: 75 cm, Depth: 67 cm
Power Extension Cable	Viko	9011760Y	250 V (6 inlets) Black
Power Extension Cable	Viko	9011730Y	250 V (3 inlets) Black
Power Extension Cable	Viko	9011330Y	250 V (3 inlets) White
Power Extension Cable	s-link	Model No: SPG3-J-10	AC - 250 V 3 meter (5 inlets)
Power Supply	THERMALTAKE	PS-LTP-0550NHSANE-1	THERMALTAKE LITEPOWER RGB 550W APFC 12 cm FAN PSU
Professional Gaming Mouse	Rampage	8680096	Model No: SMX-R50
RAM	GSKILL	F4-3000C16S-8GVRB	GSKILL 8GB (1x8GB) RipjawsV Red DDR4 3000 MHz CL16 1.35 V Single Ram
Reception bell	No brand	N/A	Used for helping the communication between the experimenter and the actors.
Security Camera	Brion Vega	2-20204210	Model:BV6000
Speakers	Logitech	P/N: 880-000-405 PID: WD528XM	Used for playing the background music.
Survey Software	Qualtrics	N/A	
Switching Module	No brand	N/A	F5305S PMOS Switch Module
Table under the OLED display	Custom-made	N/A	Width: 123 cm, Height: 75 cm, Depth: 50 cm
Transparent OLED Display	Planar	PN: 998-1483-01 S/N:195210075	A 55-inch transparent display that showcases dynamic information,

			enabled the opaque and transparent usage during the experiment.
UPS	EAG	K200610100087	EAG 110
UPS	EAG	210312030507	EAG 103
USB 2.0 Cable Type A/B for Arduino UNO (Blue)	Smart Projects	M000006	Used to connect the microcontroller to the experimenter PC.
USB to RS232 Converter	s-link	8680096082559	Model: SW-U610
White Long-Sleeved Blouse (2)	H&M (cotton)	N/A	Relaxed-fit blouses with a round neckline and without any apparent brand name or logo.
Wireless Keyboard	Logitech	P/N: 820-003488 S/N: 1719CE0856D8	Model: K360
Wireless Mouse	Logitech	S/N: 2147LZ96BGQ9	Model: M190 (Used as the response device)