

TROOPER VBOX – “The Force” Edition

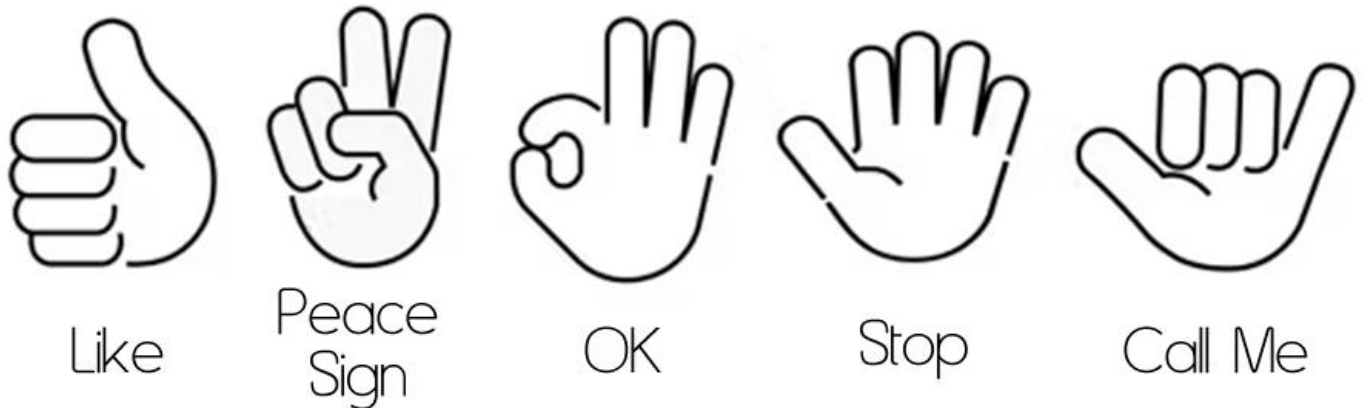
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Gesture-Controlled Audio System

Build Version 1.0

The following image illustrates the gestures and their hand positions for recognition and testing.



Step 1. Connect Audio cable from Vbox The Force to Animatronics' TRY/PRESS ME port

Step 2. Power Vbox The Force by plugging in USB cable to any USB Block

Step 3. Mount Vbox The Force Sensor anywhere you like

Step 4. Lower volume of animatronic to zero

Step 5. Stand 10feet(or less) away and start using The Force hand gestures to control your animatronic!

Overview

The TROOPER VBOX – “The Force” Edition by Props88 is an interactive control system powered a Gesture sensor. It responds to specific hand gestures to trigger sounds, control a relay, and adjust volume levels, all through natural, hand movements.

Gesture Controls

Gesture

Function Description



Like

Activates the animatronic, plays a random MP3 track, 1 to 30 plus mp3 sounds. (Plays 0001.mp3 on first use).



Stop

Stops all playback immediately. Holding for 3 seconds plays track 99 and locks gestures for 5 seconds.



Peace
Sign

Increases volume in steps. Plays 100.mp3 for feedback. At max volume, plays 101.mp3 and locks gestures for 2 seconds before resetting volume to minimum.



OK

Activates the animatronic via the TRY/PRESS ME button port and plays 200.mp3. Useful for triggering acknowledgment or command responses.



Call Me

Triggers the animatronic when Vbox is connected to Animatronic TRY/PRESS ME button port.

Best Practices & Tips

- Mount the Vbox The Force sensor vertically for optimal gesture detection.
- Avoid bright direct lighting near the sensor for consistent recognition.
- Will not work in the dark, must have light to read your hand gestures
- To change any of the mp3 files, simply slide cover off of Vbox and then push the micro sd card in to remove, insert into your PC or Mac, overwrite any of the mp3 files with your mp3 files and remove from computer, and insert back into Vbox. Make sure power is off on Vbox when updating your micro sd card.

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Darth Vader Sound List

Name	#	Title
 0001.mp3		Darth - Circuit is complete
 0002.mp3		Darth Vader March
 0003.mp3		ALERT SIREN DEATHSTAR
 0004.mp3		Darth Vader force is with you young skywalker
 0005.mp3		Darth Vader i find your lack of faith
 0006.mp3		Darth - Tear ship apart Darth Vader
 0007.mp3		Darth - I am your Father
 0008.mp3		Darth Power of the Dark Side
 0009.mp3		Cantina Music
 0010.mp3		Star Wars Exit Music
 0011.mp3		Darth - Deactivate Millennium Falcon
 0012.mp3		Disco Star Wars 2
 0013.mp3		Star Wars Main Theme
 0014.mp3		Darth - Don't fail me again Admiral
 0015.mp3		Darth - The emperor is not as forgiving as I am
 0016.mp3		Darth - Most Impressive
 0017.mp3		Darth - Light Saber
 0018.mp3		Darth - Bounty Hunters
 0019.mp3		Darth - Carbon Freeze
 0020.mp3		Darth - Take Han to Jabba
 0021.mp3		Darth - Lando Begs Darth
 0022.mp3		Darth - Asteroid Field
 0023.mp3		Darth - Clear Transmission
 0024.mp3		Darth - Thy Bidding
 0025.mp3		Darth - Hoth system
 0026.mp3		Darth - You have failed me for last time
 0027.mp3		Darth - Clumsy as he is stupid
 0028.mp3		Darth - Part of rebel alliance and traitor
 0029.mp3		Darth - Dont be so proud of tech terror
 0030.mp3		Darth Vader Breathe

 0031.mp3		Darth - Destiny lies with me skywalker
 0032.mp3		Darth- Asteroids do not concern me
 0033.mp3		Darth - Take Princess and wookie
 0034.mp3		Darth - Motivate them
 0035.mp3		Darth - Dinner with Han
 0036.mp3		Darth - Nooooooo
 0099.mp3		Seismic Charge
 0100.MP3		Its a Trap - Volume
 0101.mp3		Volume Max now
 0200.mp3	6	The Adventures Continue: Exit Music (2011)
 0201.mp3		Hello There

Stormtrooper Sound List

Name	#	Title
 0001.mp3		TheseArenotdroidlookingfor
 0002.mp3		Allrightmenloadweapon.mp3
 0003.mp3		Allright
 0004.mp3		DeathStarPlansnotinmaincomputer
 0005.mp3		FollowMe
 0006.mp3		GiveMeRegularReportPlease
 0007.mp3		HowLonghaveyouhaddroids
 0008.mp3		itsThemBlastThem
 0009.mp3		Letmeseeyourldentification.mp3
 0010.mp3		Movealong
 0011.mp3		OpentheBlastdoors
 0012.mp3		Stopshipblastthem
 0013.mp3		Combo Thereisnoonehere
 0014.mp3		TheresOneSetForStun
 0015.mp3		GoAboutYourBusiness
 0016.mp3		Wedontneedtoseehisidentification
 0017.mp3		YouStandGuard
 0018.mp3		Combo_WhatsgoingonAnotherDrill
 0019.mp3		MoveAlongFull
 0020.mp3		ComboLookThereSirDroids
 0021.mp3		ComboFollowMeAlright
 0022.mp3		ComboGiveMeReportWhatsgoing
 0023.mp3		DANIEL CRAIG
 0024.mp3		Cantina Music
 0025.mp3		Star Wars Exit Music
 0026.mp3		Disco Star Wars 2
 0027.mp3		Scan Falcon
 0028.mp3		ALERT SIREN DEATHSTAR
 0029.mp3	22	Star Wars Main Theme
 0030.mp3		Give up the child

 0031.mp3		Kenobi with Troopers
 0032.mp3		HAN Luke rescue Leia
 0099.mp3		Seismic Charge
 0100.MP3		Its a Trap - Volume
 0101.mp3		Volume Max now
 0200.mp3	6	The Adventures Continue: Exit Music (2011)
 0201.mp3		Hello there
