

Haunt Hacker's Controller Features (Updated July 18th, 2017)

	Wee Little Talker	Banshee Jr	Banshee
Type of Picaxe Controller	20X2	20X2	40X2
Program Storage Space	4K	4K	4K*4 Banks
Operating Speed	8/32 MHZ	8/32 MHZ	32 MHZ
General Variables	56	56	56
Extra RAM Storage	456	456	1,224
EEPROM storage	-	-	512K bits
Real Time Clock with Battery Backup	-	yes	yes
Up to 10 Amp Pulse Width Modulators Driver Channels	-	1	2
Up to 10 Amp On/Off Driver Output Channels	-	-	2
Triggered Inputs	1	1	2
Maximum Number of Servos Ports	1	5+ (Note1)	8+ (Note1&2)
LEDs "Eyes" Output Channels	2	1	8
PIR Sensor Input Channels	1	1	2
Line Audio Output Type	Mono/Stereo	Mono/Stereo	Mono/Stereo
5.1 Surround Sound	Yes (Note3)	Yes (Note3)	Yes (Note3)
DFplayer Mini Audio Player Module	Included	Included	Included
Number of Color Coded Input Buttons	3	3	4 + Reset
Power Indicator LED	Yes	Yes	Yes
Status Indicator LED	Yes	Yes	Yes
Main Power Input	5 Volts	5 Volts	8-12 Volts
Power Input for Servos	-	-	Yes
Power Input for MOSFET Output Channels	-	5-30 Volts	5-30 Volts
Cost for Printed Circuit Board kit (Shipping not Included)	\$21	\$25	\$32
Estimated Cost of Parts Beyond PC Board Kit	Under \$20 (Note4)	Under \$20 (Note4)	Under \$30 (Note4)
Time to Build Project (Based on expert skill level) (Note5)	45 Minutes	60-90 Minutes	2-4 Hours

- Notes: 1 - I2C expansion port can be used for a 16-channel servo driver board connection
2 - Any of the 8 I/O pins can be used for servos.
3 - Optional 5.1 Surround Sound is available in full stereo mode with wav format sounds files.
4 - Based on Spring 2017 prices. Power Supply, Taxes and shipping not included.
5 - Expert skill level is defined as some soldering experience and the ability to read and follow directions.