

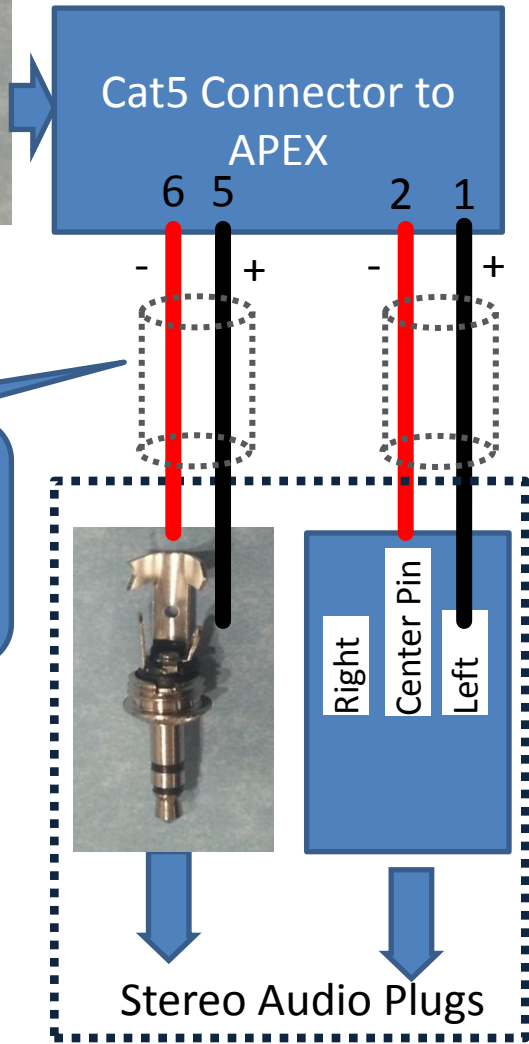
Apex DIY Cable Wiring



Bottom View
Cat5



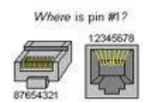
Top (prong)
View - Cat5



Two separate 2 conductor
cables inserted into Cat5
connector in pins as
shown.

From the Apex manual

- The orientation here is important. Looking at the female Apex variable speed receptacle where the tab is DOWN, the pins are numbered from left to right, 1 – 8. Looking at the male RJ-45 connector with the tab DOWN, the pins are numbered from left to right 8 - 1. See drawing below.



Pin	Apex RJ-45 Usage
1	0-10VDC V2 and V4
2	Ground
3	
4	
5	0-10VDC V1 and V3
6	Ground
7	
8	

Note: In the Apex manual, the color for power (+) is referenced as black and the color for GND (-) is referenced as red. Color is not important and CAT5 Type A or Type B are not important. Just make sure the pin assignments are as shown.