

Suggested Part Sources for Building the Simple Calculator Servo Pointer (SCSP)



Component	Suggested Supplier	Part Number	Approx. Price	Alternate Supplier	Alternate Part Number
Battery Holder (4 x AA)	Radio Shack	270-391	\$ 1.79	Mouser	12BH348-GR
Surface mount Phone Jack (6 conductor)	Hardware store				
Servo Motor	Tower Hobbies	TS-53	\$ 9.99	ServoCity	Futaba s3003
CBL2 Interface	Copco	TI-CBL2	\$158.00	Vernier	CBL2
Or LabPro Interface	Vernier	LabPro	\$ 220.00		
Self-adhesive feet	Hardware store			Mouser	517-SJ-5306CL
ⁱ Acrylic plate, 2.5" x 4"	Hardware store				
Double-sided tape	Hardware store				
Batteries, AA	Hardware store				
For CBL2 or LabPro Dig/Sonic Output Cable	Math Machines	CABLE-BWTM30	\$ 5.00	Vernier	MDC-BTD ⁱⁱ
For Original CBL DigOut Cable	Math Machines	CABLE-BBTM30	\$ 5.00		

Suppliers Listed:

Copco Inc. 7193 Sunset Strip North Canton, OH 44720 (330) 497-1001 www.copcoinc.com	Mouser Electronics 958 N. Main Street Mansfield, TX 76063-4827 1-800-346-6873 www.mouser.com	Radio Shack Check locally www.radioshack.com
ServoCity 620 Industrial Park Winfield, KS. 67156 (620) 221-0123 www.servocity.com	Tower Hobbies PO Box 9078 Champaign, IL 61826-9078 1-800-637-6050 www.towerhobbies.com	Vernier Software 13979 SW Millikan Way, Beaverton, OR 97005-2886 (503) 277-2299 www.vernier.com
	Learning with Math Machines, Inc. 1014 Merrywood Drive Englewood, OH 45322 (937) 832-0792 www.mathmachines.net	

ⁱ 8" x 10" sheets of acrylic are widely sold as safety "glass" for window panes. One sheet can be cut with an inexpensive tool (available where you get the acrylic) to yield 8 mounting plates. Use sandpaper to smooth rough edges.

ⁱⁱ This cable can be cut in half to produce 2 cables, but it then requires the addition of a standard 6-pin telephone plug