

The Buxton - Microsoft Collection

Inventory of Interactive Device Collection

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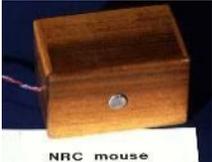
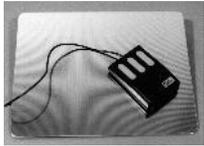
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Note:

- Devices that have a "Y" in the right-most column are included in the current collection web-site which can be accessed here: <https://www.microsoft.com/buxtoncollection>. Note that perhaps less than 1/3 of the collection is on-line, and for the most part, the entries for those that are on-line are minimal (though hopefully still useful), compared to what is being prepared. A new, complete site is under curation and will be posted as soon as possible – but don't hold your breath. It's a big job.
- Devices with a red "N" in the rightmost column are in the process of being documented and prepared for inclusion on the web site. For requests for photos or other details of items not yet on the site, contact me via email.
- The Catalogue Code in the second column tells me where the item is stored. This code is in the form BBB-NNN, where BBB is the bin code & NNN (not always used) is the 3-digit item number in that bin

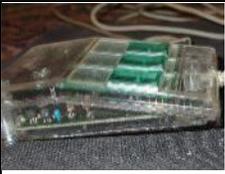
Mice

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	M-06	NRC	1969	NFS	National Research Council of Canada	Donated by Nestor Burtnyk. Built by Grant Bechthold. Wooden mouse based on first mouse of Engelbart & English.	N
	MI2	Swiss Mouse	1980	\$295.00	De Praz	DePraz began manufacturing in 1980, but following design built in 1979. Logitech started selling it in 1982 for \$299.00	Y
	m-06	Hawley Mouse MK II	1982	\$415	Mouse House		y
	M-04	Mouse & optical mouse pad sep in bin	1982	\$295 (1983)	Mouse Systems	MI1-024 (B) is trackpad	y
	M 04	M2	1983 (?)		Mouse Systems		

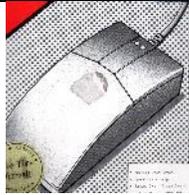
	M-06	M0050	1983		Apple	The original Lisa mouse, the first mouse shipped by Apple. In orig. packaging Released Jan. 19, 1983	N
	M-08	Microsoft "Green Eye" Bus Mouse	1983	\$195.00	Microsoft	Gen 1 Released May 2, 1983	
	MI2	Cordless IR Mouse	1984		Metaphor	The first cordless mouse commercially available. The 1984 Metaphor computer also came with a cordless keyboard and optional cordless keypad. Built by Logitech. All are in the collection.	N
	M-06	Macintosh Model M0100	1984		Apple	The original Macintosh mouse	y
	M-06	HP Mouse Accessory	1984 (1985)		Hewlett Packard	Designed jointly with Logitech. Originally released in 1984. Mine is from 1985.	N
	MI2	C7	1985	\$99.00	Logitech	First mouse manufactured by Logitech, sold under their own brand (rather than sold under license, the P4, or built as OEM and branded; First retail mouse by Logitech. Under \$100. Breakthrough in technology & price	N

	M-06	6085 Optical 2-Button Mouse	1985		Xerox	(includes original optical mouse pad)	N
	KB1	Optical 3-Button Mouse	1985?		Xerox	Not sure of date, but 6085 vintage. I think was for machines running lisp rather than viewpoint.	N
	MI1-028 M-06	Amiga Mouse	1985		Commodore	Second mouse (M-05) signed by Jay G. Miner, designer of the Amiga chip set as well as that for Atari 800	n
	M-06 X2	Model No. VSXXX-AA.CO3	1986		DEC	Has wheels rather than roller. Made by Hawley. The DEC VSXX, Keytronic LT PS2-B & Torrington Manager Mouse all have the same retro wheel mechanism.	N
	M-04	LT Mouse PS2-B	1986?		Keytronic	The DEC VSXX, Keytronic LT PS2-B & Torrington Manager Mouse all have the same retro wheel mechanism.	N
	M-04	Manager Mouse	1986	Wired: \$139.00 Cordless: \$229.00	Torrington	The DEC VSXX, Keytronic LT PS2-B & Torrington Manager Mouse all have the same retro wheel mechanism. Only have brochure for wireless version.	N

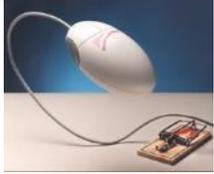
	M-04	Manager Mouse	1986?		Numonics	Similar retro wheels as Torrington & Hewlett Packard (HP)	
	M-08	Microsoft Mouse Bus Version "Grey Eye" Mouse	1986	Parallel: \$??? Serial: \$195	Microsoft	Gen 2 Possibly first launched in 1985.	N
	M-06 X3	Macintosh ADB Mouse	Jan. 1987		Apple Computer	Industrial Design by frogdesign. Mechanicals by Logitech, I believe, for Apple. 2 nd is G5431	y
	M11-009	M-4	1987	\$159	Mouse Systems	Sun branded version of the mouse above. (why do I have this separate from the M1 (1982) and M2 (1983?))	y
	M-07 X2	PS/2 Mouse	1987	\$99,99	IBM	Introduction of PS/2 input port, with launch of PS/2 computers.	N
	M-08	Serial Mouse "Dove Bar"	1987		Microsoft	Gen 3	N

	MI2 X2	ClearCase Mouse SN LT25385	1988		Logitech	One is in original box with documentation, the other note.	N
	M-06	Scroll-Wheel Mouse Prototype (reproduction)	1989 (2012)		Apple Computer	Uses 2 of the model A9M0331 Apple DTB mice Additional mouse in package.	N
	M-04	Silverplated Mouse			Wallace Silversmiths	PS/2	N
	MI1 1 of 2 transparent	Mouse Phone			Small Talk	(x2) DP-006 Ref: Star Trek IV: The Voyage Home (1986) http://www.criticalcommons.org/Members/ccManager/clips/time-travel-reveals-the-limits-of-the-graphical	y
	MI1 # 2 of 2 Ivory	Mouse Phone			Small Talk		N
	MI1	TouchSense Mouse			Immersion		y

	M-07	PS/2 Trackpoint	1991	\$159.00	IBM	Perhaps unique mouse. Works as a normal 2D ball mouse one way up. Flip it over and it is a trackball. Was introduced in March 1991 with the IBM PS/2 SX Laptop.	N
	MI2	Cordless MouseMan	1991	\$149.00	Logitech	First cordless mouse using radio rather than IR communication between mouse and receiver connected to computer. See the 1984 Metaphor mouse, the first commercially available wireless mouse. It used IR.	Y
	M-03	Rightin-XR1 Pen Shaped Mouse (PSM)			Careo	Compare to Appoint MousePen, below, released same year. Note: 1991 patent for design by Careo, suggesting that it is the original.	N
	M-03	MousePen	1991	\$99.00	Appoint	See Appoint Computer Crayon	y
	MI2	Kidz Mouse	1991	\$79.00	Logitech	Logitech introduced the first mouse made especially for children ...it was much smaller than traditional mice, its tail/cord stemmed from the back	N

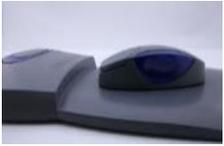
	M-05	LcMouse	1991	\$14.99	Genius	Verify price – if correct, then good example of significant price drop beginning.	N
	M-06	Desktop Bus Mouse II	1992		Apple	Ball Mouse	N
	M-06	Mouse for NeXTstation Turbo Color Computer	1992		NeXT	Photos of machine: https://www.flickr.com/photos/blakespot/2378242121/in/photolist-4Ca7wv-7wuV4i-baXhA6 Blake Patterson	N
	MI1	PowerMouse	1992	\$225.00	Prohance		n
	M-03	Computer Crayon	1993		Appoint	See Appoint MousePen	N
	M-05 X2	AirMouse X2	1992 1993	~\$500.00	AirMouse Remote Controls (SelecTech)	Company originally known as AirMouse Remote Controls. Changed to SelecTech in 1993. One of each in collection.	N

	M-08	Microsoft Serial Mouse 2.0	1994	\$64.95	Microsoft		N
	Inner office rack, left bottom rack	AeroDuet 3-D Cordless IR Mouse and Pen	1994	\$149.00	Creative Labs	A.K.A. Aeropoint Includes: <ul style="list-style-type: none"> • AeroBase • AeroMouse • AeroPen 	N
	M-07	Home Mouse	1994		Microsoft	X2 both new in box	N
	M-07 X2	Mouse-Burger RTC RON-55	1995		RTC	One new in box. Other used, no box.	N
	M-06 X4	ProAgio! Scrolling Mouse (a.k.a. Scroll Mouse)	1995	\$49.99	Mouse Systems	World's First Commercial Scrolling mouse X4: <ul style="list-style-type: none"> • One in original Win 3.1 box • One in original Win 95 box • Two w/o box 	N

	M-06	ProAgio Mouse Pin				Should be in with the Mouse Systems Scroll Mouse.	N
	M-05	GyroPoint	1995		Gyration	Sensed when lifted off of desktop, and would switch to gyro signals to sense x/y motion. Designed by IDE http://www.ideinc.com/company/	N
	MI2	Cordless MouseMan 96	1996		Logitech	X2 Cordless MouseMan 96 Cordless Mouseman for Macintosh Latter in (damaged) box with packaging.	N
	MI2	Cordless Mouseman Pro	1996		Logitech		y
		Rockin' Mouse	1996		Alias Wavefront		
	MI1-010 M-04	Intellimouse (ball)	1996	\$84.95	Microsoft	X2	y

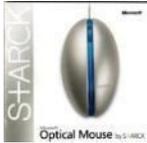
	M-08	Intellimouse (ball)	1996	\$84.95	Microsoft		y
	MI1-014 M-06	SGI Mouse	~1996		SGI	X2	y
	M-07 X2	ScrollPoint I Mouse Model 12J3618	1997	\$60.00	IBM	(a) alone; (b) In original box 400 dpi Part Number: 31P7405 UPC: 087944787792 Ball Mouse	Y / N
	M-07 X2	Mickey Mouse	1998		Disney Interactive	The mouse was made by WWL (Disney) and the model No is 0175. #1 in original packaging (box) (blue) #2 loose (red)	N
	M-07 X2	Minnie Mouse Computer Kit	1998		Disney Interactive	#1 in original packaging (plastic) (red) #2 loose (red)	N
	M-08	Basic Mouse	1998		Microsoft		N

	M-06	ScrollPad Mouse FID-677	1998 (or sooner)		Fujitsu Takamisawa Component Ltd.		N
	MI2	M-CW47	1998		Logitech		y
	MI2-002	Pad Mouse	1998		Alias Wavefront		y
	M-08	TouchMouse	1998	NFS	Microsoft Research	Prototype - Silver plated surface to provide touch sensitivity to body.	N
	X2 M-06	iMac G3 Mouse	1998		Apple Computer		N
	M-06	UniTrap	1999	\$14.99	Contour Design	This is a plastic shell within which the round Apple iMac G3 "Hockey Puck" mouse can be fit.	N

	X2 MI2 (in box) JS-02 (spare)	Wingman Force Feedback Mouse	Nov. 1999	\$99.95	Logitech	Have 2 nd . Not filed yet	y
	M-08	IntelliMouse Explorer (Optical)	1999	\$74.95	Microsoft	First optical mouse without a mouse pad First Microsoft Optical Mouse 2 dedicated forward/back buttons on left side for easier web browsing	Update
	M-07 X2	TrakPoint Pro Mouse Model: MO18B	2000	\$39.95	IBM	400 dpi 31P8700 Opto-Mechanical Ball Mouse One in M-05 may be 2 nd . Think 1 st is in bad condition	Update
	MI2	USB IFEEL MouseMan	2000	\$59.95	Logitech	4 button mouse model M-UN53b	N
	M-08	IntelliMouse (optical)	1999 2000		Microsoft	<ul style="list-style-type: none"> • Ambidextrous version of the optical Intellimouse Explorer • Check if 1st USB • Ensure 2nd same as 1st 	y
	M-04	4D Wireless Mouse (Model IRW-5)	1999		A4 Tech	Used to label company Cables Unlimited	N

	M-07 X2	IBM ScrollPoint Pro Mouse M018B	2000	\$39.95	IBM		
	M-04 X2	EyeD OptiMouse	2000	\$119.00	SecuGen	2 nd generation X2 units, (b) in box First with fingerprint scanner	N
	M 06	USB PRO MOUSE M5769	2000	\$59.00	Apple	Black discontinued in 2003	N
	M-06	SurfMouse	2000		SurfMouse Inc.		N
	MI1	USB Optical MiniMouse	2001	\$29.99	TeleAdapt Ltd.	https://web.archive.org/web/20020405092013/http://www.teleadapt.com/cgi-bin/ncommerce3/ExecMacro/retailers/db/mobilepro.d2w/report	N
	M-07	Aqua Mouse	~2001		Liquid Star		N

	M-04	Quill (white)	2002	\$99.95	Designer Appliances	Comes in left and right hand versions Rebranded as E-Quill-AirO2bic	N
	M-04	Quill (Black)	2002	\$99.95	Designer Appliances	Comes in left and right hand versions Rebranded as E-Quill-AirO2bic Black is in original box	N
	M-06	Vmouse1	2002		Evluent	https://evoluent.com/about/story/	N
	M-07-004	800 DPI Optical 3-Button ScrollPoint Mouse A.K.A ScrollPoint III Model MO09B0	2002 (3?)	\$45.00	IBM	800 dpi Part Number: 90P0742 replaces 31P7405 Mfg Number: 31P7405	y
	M-04	VTPlayer	2003	\$695.00	VirTouch	Info: http://web.archive.org/web/20050819074402/http://www.virtouch2.com/	N

	M-08	Wireless IntelliMouse Explorer v2.0	2004 2003	\$54.95	Microsoft	Tilt-Wheel Scroll wheel for vertical, and spring-loaded selfreturning"joystick" horizontal	N
	M-08	Optical Mouse by Starck	2004	\$29.95	Microsoft		y
	M-06	Mighty Mouse Model A1152	2005	\$49.00	Apple	First scrolling mouse. Perhaps first mouse with trackball for scrolling Had to change name ...	N
	MI2	V500 Cordless Notebook Mouse	2005	\$129.00	Logitech	Collapsible Portable Mouse (x2 – 1 in box) DP-007	y
	M-03	Eco	2005		Wowpen		y
	M-04	Battery Free Wireless Mouse (Model NB -75D)	Dec. 2005	\$35.99	A4 Tech	http://web.archive.org/web/20060211161019/http://www.a4tech.com:80/en/product2.asp?CID=90&SCID=92&MNO=NB-75 Previously Cables Unlimited note: pad->power / single double-click	N

	MI1	MoGo Slim	2006	\$69.95	Newton Peripherals (Collection unit branded HP)	http://www.stefanv.com/electronics/mogo_mouse.html https://www.crunchbase.com/organization/newton-peripherals#section-overview	y
	MI1	EM 500 Ergonomic Mouse	2006	\$ 72.50	3M		Y
	M-08	Wireless Notebook Presenter Mouse 8000 Model 1065	2007 2006	\$79.95	Microsoft		y
	MI1	2 in 1 Optical Keypad Mouse AKP-170	Oct. 2007	???	Adesso	AKA Model	y
	MI1	AMV01CA USB Mouse Internet Phone	2007		Targus		N

	MI1	Optical USB Skype Mouse Model: VM-01L	2007		ZHBxin Electronic Technology Company Limit	http://factory.dhgate.com/store-st43220766.html	N
	M-04	Perfit Mouse Optical Model PMO-M-L	2007	\$ 109.95	Contour Design		y
	MI2	MX Air	2007	\$149.99	Logitech		y
	M-07 1 X Orange + 2 x White	Ci75m Wireless	2007	\$35.00	Kensington	Either wireless or tethered USB mouse	N
	MI1-006	4D Magic Optical Scrolling Mouse			Omega	Perhaps this: http://web.archive.org/web/20060527022203/http://www.omega.com.tw/MOUSE-272752.asp	y
	M-07	SlimBlade Trackball Mouse	2007	\$99.99	Kensington		N

	M-04	Washable Mouse	2007	\$29.99	Belkin		y
	MI1	Ergonomic Mouse	2007	\$ 72.50	3M		
	M-05	Air Mouse	2008	\$99.00	Gyration		y
	M-07	Inspector 6DOF Trackball Mouse	2008	\$199.00	Dimentor	www.dimentor.com	y
	M-08	Arc Mouse (black)	2008	\$49.95	Microsoft		N
	M-08	Arc Mouse (Red)	2008	\$49.95	Microsoft		y

	M-08	Arc Mouse (Green)	2008	\$49.95	Microsoft	Autographed by Audrey Louchart, one of the two designers.	y
	M-08	Explore Mouse Model 1362	2008	\$79.95	Microsoft		
	M-03	Wow-Pen Joy	2008	\$26.00	Wowpen		y
	M-08	Mouse 2.0 Prototype	2009 (?)	NFS	Microsoft Research	Publication 2009	N
	D-01	Orbita Mouse	2009	\$98.50	Cyber Sport	Also listed under dials for now	y
	MI3	Freespace Loop Pointer	2009	\$99.00	Hillcrest Labs		y

	M-06	Magic Mouse	2009		Apple		y
	MI1	Ink222 T&M Mouse	2010		Hanvon		y
	M-08 X2 X3?	Arc Touch	2011	\$59.95	Microsoft	http://www.microsoft.com/hardware/en-us/p/arctouch-mouse	y
	M-08	Arc Touch Transparent	2011	NFS	Microsoft		N
	MI1	LG LSM-100 Scanner Mouse	2011	\$145.00	LG Electronics	Likely first mouse which doubles as handheld document scanner	
	MI1	VP6154 Digital Photo Frame Mouse	2010		SMK-LINK	Manufacturer SMK-LINK & GYRATION 20.32 x 10.16 x 15.24 cm Mouse with integrated 1.5" colour LCD display	

	M-08	Intellimouse (wireless)			Microsoft		y
	M-08	Intellimouse (ergonomic)			Microsoft		y
	M-08	Compact Optical Mouse			Microsoft		y
	M-05 ??	Vacuum Mouse			Miele	Like home Mouse, Mickey Mouse, etc., mouse form had link to other product.	N
	M-07	Super Slim			Unknown		y
	M-08	Touch Mouse	2011	\$79.95	Microsoft	http://www.microsoft.com/hardware/enus/p/touch-mouse	N

	M-08	Transparent Touch Mouse	2011	NFS	Microsoft		N
	M-08	Explorer Touch	2011	\$49.95	Microsoft	http://www.microsoft.com/hardware/en-us/p/explorertouch-mouse-limited-edition	N
	MI2	G600 MMO Laser Mouse	2012	\$79.99	Logitech		N
	M-07	Glow-In-The-Dark Spider Computer Mouse	2012	\$28	Smithsonian Institution	http://www.smithsonianstore.com/home-decor/deskaccessories/glow-in-the-dark-spider-computer-mouse-78172.html	N
	M-07	Hot Wheels Mouse			Mattel Media		
	M-08	Modern Mobil Mouse	2022		Microsoft	In use. Packaging in M-08 Bin	

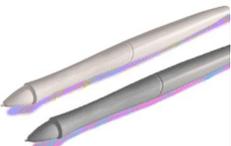
Tablet Pucks and Pens

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	M-03	Multi-Vider Pencil	1928	\$6.00	Ruxton Multi-Vider Corp	Calculator Slide Rule Pencil Reference Object https://sliderulemuseum.com/Pencils.htm	
	M-03	Slide-Pen-Cyl Model 400F	1952?	\$4.98	DEVCO	Slide Rule double-ended pencil (to provide different colour from each end). Missing sliding cursor sleeve. https://sliderulemuseum.com/Pencils.htm	
	M-03	Bit-Pad-1 4 Button Puck			SummaGraphics		y
	M-03	Bit-Pad Stylus			SummaGraphics		y
	M=03	Tablet Lens Cursor			GTCO		y

	M-03 X2	Calcu-Pen	1975	\$79.95	Phenix International (?)	There was an LCD version around 1981. d-pad-like rocker buttons. Extremely interesting. P.42 Ball & Flamm	N
	PC-07	KoalaPad+	1984 (?)	\$163.00	Koala Technologies		N
	PC06	CADlab Digitizing Tablet Model 2210	1986		Numonics		y
		CR1212	1986		Summagraphics		N
	Window Cursor in: M-03 Tablet & Ctrl loose east wall	SPD1212T Transparent Graphics Tablet	1987		Scriptel		

	M-03	SC-100 Cordless 4-Button Lens Cursor (Puck)	1987	\$150.00	Wacom	For SD Series of Wacom Tablets	9
	MT-01	GrafBar GP-7 Plus Stylus (sep. bag)	~1988	\$1,315.00	SAC	PC Mag Nov 28 th , p.270 review/ p. 230 description. Have PDF. Web here: https://archive.org/details/PC-Mag-1989-11-28/page/n265/mode/2up/search/wacom	N
	M-03	GRiDpad 1900/1910 stylus	1989		GRiD	Second stylus for GRiDpad 1900/1910	
	In Cardboard box under workbench	12" UD Series Digitizing Tablet (UD-1212—R*)	1992 (check)		Wacom	UD-Series digitizing tablets released, along with associated pucks and styli. The first tablet to be able to sense more than one device at once on its surface, thereby opening up opportunity for bi-manual tablet-based interaction.	N

	M-03	UC-420 Chordless 4-Button Cursor	1992	\$150.00	Wacom	For UD Series of Wacom Tablets	N
	M-03 X2	UC-520-12 UltraPad Ergonomic 4button Lens Cursor	1995	\$49.95	Wacom	For UltraPad Series of Wacom Tablets	y
	M-03 X2	UC-620 UltraPoint 16- button Cursor	1995		Wacom	For UltraPad Series of Wacom Tablets	N
	PC-07	Intuos Pen (Model GP-300E)	1998	\$49.99	Wacom		y

	M-03 X3	Intuos GC-500 4D Mouse	1998	\$69.99	Wacom	Intuos Launch Press Release + Price Sheet: https://web.archive.org/web/20000422112034/http://www.wacom.com/companyinfo/pdf/intuos2.pdf	y
	M-03	Intuos Lens Cursor GC210	1998	\$69.99	Wacom	Intuos Launch Press Release + Price Sheet: https://web.archive.org/web/20000422112034/http://www.wacom.com/companyinfo/pdf/intuos2.pdf	N
	PC-07	Intuos Airbrush (Model GP-400E)	1998	\$99.99	Wacom	Intuos Launch Press Release + Price Sheet: https://web.archive.org/web/20000422112034/http://www.wacom.com/companyinfo/pdf/intuos2.pdf	y
	MI3 (?)	Intuos Stroke Pen	1998	\$79.99	Wacom	Intuos Launch Press Release + Price Sheet: https://web.archive.org/web/20000422112034/http://www.wacom.com/companyinfo/pdf/intuos2.pdf	
		Intuos Inking Pen	1998	\$79.99	Wacom	Intuos Launch Press Release + Price Sheet: https://web.archive.org/web/20000422112034/http://www.wacom.com/companyinfo/pdf/intuos2.pdf	
	MI3	Intuos2 Airbrush Stylus	2001	\$99.95			N

	M-03	XC-400 Intuos2 4D Mouse	2001	\$69.95	Wacom	For Intuos 2 Series of Wacom Tablets Note: all graphire blue R Intuos 2	y
	PC-07	IDENTIFY MODEL (Not Grip Pen ZP-501E-00A)	2001	\$69.95	Wacom		y
	m-07	Mini Phicon			BMW		y
	M-03 X2	Grip Pen ZP-501E-00A (x2)	2001		Wacom	One is packaging. One w/o, but with "ink well"	
	PC-07	Intuos3 Classic Pen	2001		Wacom		
	PC-07	Art Pen	2001		Wacom		

	X2: PC-07 MI3	Intuos3 Grip Pen	2004		Wacom	x 2 (extra base)	
	G-07	uDraw Game Tablet	2010	\$69.99	THQ	Wii tablet stylus controller	y
	PC-07 MI3	Bamboo Stylus for iPad	2011	\$29.99	Wacom	X 2 (one in use by Bill)	N
	PC-07	Stylus & Ink Pen Combo	~2011	~\$30.00	Charming Charlie	Enters into trendy fashion, like phone cases, bags, etc	N
	PC-07	Jot Mini Turquoise	2011	\$24.99	Adonit		N
	PC-07	Smart Pen	2011	\$15.99	3M		N

	M-03	App Sketcher Touchscreen Stylus	2012	£9.99	Mayhem UK Ltd	http://mayhemuk.com/stationery-fun-gifts/detail/48-stationery-fun-gifts/flypage/109-app-sketcher-touchscreen-stylus-telescopic?sef=hcfp note that 3M also did this in 2011 – see smart pen press release	N
	PC-07		2013	\$49.95 (Graphite), \$59.95 (Walnut)	Fifty Three		N
	M-03 X2	Perceptive Pixel Stylus & Charger	~2014		Microsoft	Use on the internal Perceptive Pixel 55" + and 84" displays which evolved into the Surface Hub family. One charger, 2 styli	
	PC-07	Surface 3 Pro Stylus	2014		Microsoft		N
	M-03	Pro Pen 3D KP-305	2017		Wacom		
	M-03 X2	Intuos Creative Pen Tablet X2	2019		Wacom	One unit is Bluetooth or USB, the other USB only	

	MT-01	Intuos Pro Paper Edition	2017	\$549.00	Wacom	Wacom Intuos Pro Paper : How to setup and get started	
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Touch Pads

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	TP-02	Ferenstat Sliders	1981	\$80	TASA (Touch Activated Switch Arrays)		N
	Misc-1	Gavilan SC	1983	\$3,995	Gavilan	First laptop with TouchPad	N
	TP-01-009	Model 331-A Touch Plate	1983		Big Briar		y
	TP-01-007	E232 Cursor Control Pad	~1983		Elographics		y

	TP-01-008	Touch controller from Buxton & Myers 2-H expt.	~1983		University of Toronto		y
	MT-02	TR-727 Rhythm Composer	1985		Roland		
	TP-01-003	CF-10 Digital Fader	1989		Roland	MIDI device	y
		MC400	1989	\$1,795.	Psion	Early laptop with touchpad	N
	TP-01-001 TP-02	UnMouse	1990	\$235	MicroTouch	X 2	y

		A4	1991		Acorn	Not operational	N
		WalkStation	1991	DM 3,500.00	Triumph-Adler		N
	TP-01-004 (B)	GlidePoint Smart Cat	1994	\$99.00	Cirque	X3 1 Black 2 White	y
	TP-02 (W x2)						
	Misc-1	Powerbook 520	1994		Apple Computer		N
	TP-02	Model 2000 Magic Touch Keyboard / Stand-Alone Touchpad			Silitek		N

	TP-02	Touch Pad with Signature Feature	1997		Memorex		N
	TP-01-005	WebRacer Model 64218	1998		Kensington		y
	TP-02	MTC-Express	2000	\$495	Tactex Controls		N
	TP-01-002	iGesture Pad	2003 (2001?)	\$179	FingerWorks	Move to TP-02	y
	TP-01-010	Magic Trackpad	2010	\$69.00	Apple		y
	TP-02 X2	Morph	2015	\$299.00	Sensel	+ Overlays - QWERTY x 2 - media x2 - audio x2 - innovator - piano - drum pad - thunder	N

Touch Screens

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
		E270-19 Transparent Position Sensor	1980	\$1,500	Elographics	Touchscreen	N
	In labelled cardboard Box	HP-150	1983	\$2,795	Hewlett Packard	First PC to ship with a touch screen.	Note: Keyboard is in N-Kbd-6

Joysticks

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	JS-001	Turbo Puck	1984	\$30	KA Design Group		y
	JS-02	MICROSTICK	1985	\$297.95	CH Products		N
	MS-014	Mac QuickStick	1985	\$79.95	Kraft Systems		Y
	JS-015	Premium II	1987		Kraft Systems		y
	Misc-2	VNSO	1988	TBD	J.R. Merritt Controls	Example of industrial vs consumer level engineering	

	JS-005	U-Force	1989	\$70.00	Brøderbund		y
	JS-002	Felix	1990		Altra		y
	JS-013	KC 3			Kraft Systems		y
	JS-014	Mach I Joystick			CH Products		y
	JS-004	Gravis Joystick			Advanced Gravis Computer Tech		y
	JS-02	iCONtroller	1990	\$99.00	Suncom		N

	TB-002	Spaceball 2003		\$1595.00	Spaceball Technologies 2 nd Rebranded Hewlett Packard (HP)	(2 nd HP branded purged. In JS-02) Spacetec Labtec 3Dconnexion	y
	JS-011	Trackpoint		1991	IBM	TrackPoint joystick 1st released on ThinkPad 700 / 700C. Here on later PC kbd	y
	JS-003	DuraPoint	1993	1992	Interlink Electronics		y
	JS-012	Pantograph	1993		McGill University	Developed by Vincent Hayward	y
		PHANToM	1993		SensAble Technologies (Devices)		
	JS-02	Cyberman 3D Controller	1993	\$130.00 (see Katy's Notes)	Logitech	In original box	

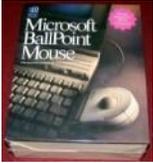
	JS-007 X2 2 nd : D-01 #3 – JS- 02	Magellan / SpaceMouse Classic	1993	\$ 745.00	LogiCad3D / 3Dconnexion	Rebranded SpaceMouse in 2003	y
	Js-02	Spaceball 3003C / 3003 FLX	1996	\$695.00	SPACETEC	3 rd ?	N
	JS-008	Magellan / SpaceMouse Plus	1998	\$ 745.00	LogiCad3D / 3Dconnexion		N (duplicate)
	JS-009 JS-02	Magellan / SpaceMouse Plus	1998	\$ 745.00	LogiCad3D / 3Dconnexion		y
	X2?? #1: ? #2: JS- 02	CYBERPUCK / NAV-3d	1999	\$395.00	LogiCad3D Digital Immersion	A.K.A. Digital Immersion Nav3D Have 2 nd . Not filed. A W	N
	MI1	FID-824 Series Palm Mouse	2001		Fujitsu		

	JS-010	CadMan 3D Motion Controller	2002	\$399.00	3Dconnexion		y
	JS-006	Spaceball 5000	2003	\$ 499.00	3Dconnexion		y
		SpaceNavigator	2006	\$59.00	3Dconnexion		N

Trackballs

Photo	Code	Name	Year	Price	Company	Notes	Pivot
	Work Area window ledge	Canadian 5-Pin Bowling Ball	1909		Toronto Bowling Club	Set-up for history of Trackball (Slewball) and it leading to the first commercially available mouse, etc. Also another example of leveraging existing tech from seemingly unrelated fields.	
	N-TB 1	Rollball Assembly P/N 60193 SERNO: 0358 Rev: H 0122			Orbit Instruments	SN 5895-01-4723672 This is a good representative example of the size and format of early trackballs. This is manifest in the size, which is larger than more recent ones, and the necessity to be built into the furniture. Use was radar for air traffic control etc.	N
	N-TB 1	Turbo Mouse	1986	\$169.95	Uy7uh		N
	N-TB 1	AmTRAC			MicroSpeed		N
	(N)-TB 01	FastTRAP 8905 25 Pin Serial Two Three Axis Trackball			MicroSpeed		N

	N-TB 1	LYNX Stand Alone 2" Trackball	1987 (?)	\$99.95	Disclnstruments		N
	Machine on top back shelf.	Macintosh Portable	1989	\$5,300.00	Apple	This was the first commercially available laptop with integrated trackball for pointing, and perhaps only the second laptop to have an integrated pointing device (the first being the 1983 Gavilan, which incorporated a touch pad).	N
	N-TB 1	ProPoint Optical Trackball	1989	\$140	Abaton	Vol 13, BYTE, 1988, Dec. p138	N
	TB-003	mouse-trak			ITAC Systems	Duplicate in Black DP-014	y
	TB-005	Evolution mouse-port			ITAC Systems		y
	TB-006 TB-011	PC Serial Trackball II – Model GK – T321			Mouse Systems	(x 2)	y

	N-TB 1	TrackMan Mouse T-CA1-9F S	1989	\$139.00	Logitech	First thumb operated trackball in commercial use.	N
		Powerbook 100	1991	\$2,300.	Apple Computer	First laptop to place cursor control centrally on the user's side of the keyboard. In this case a trackball. Enabled operation by thumbs, with equal access to left or right hand operation, thereby removing handedness bias, such as with the Trackball of the 1989 Macintosh Portable. Provides palm rest.	N
	TB-007	Thumbelina	1991	\$99.00	Appoint		y
		Mini Trackball (Thumbelina)	1992-1995		Fellowes	Date somewhere between release of Win 3.1 & 95.	N
	TB-008	Ballpoint Mouse	1992	\$175	Microsoft	Point out as similar to Logitech TrackMan Portable (\$168) and Appoint Thumbelina (\$199.00)	y

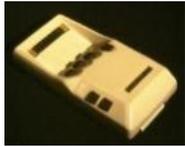
	N-TB 1	PowerTrack	1991	\$199.95	ProHance	Integrated keypad with Key overlays (like PC Jr kbd)	N
	TB-010	TrackMan Stationary Mouse T-CD2 xx xx -6F	1992	\$139.00	Logitech	I believe only right-hand version produced. Need to verify.	y
	TB-009	Turbo Mouse 4.0	1993		Kensington	ADB	UD
	N-TB 1	Agiler SmartTrack	1994		Creative Micro Designs	Check date – Logitech TrackMan Mouse T-CA1-9F S, which this strongly resembles, was released in 1989, and had been substantially improved with the 1992 release of the TrackMan Stationary Mouse T-CD2	N
	TB	TrackMan Marble	1994 (?)		Logitech	Check date starting with Logitech user guide in Logitech BG User Guide.	N
	N-TB 1	Diamond XX Trackball	1995 or sooner	\$365.00	Evergreen Systems International		N

	(N)-TB 01	IntelliMouse TrackBall PC Mouse X03-09209 PS/2	1997	\$84.95	Microsoft		N
	N-TB 1	Adjustable Trackball Model 3202	1997 (?)	\$44.99	Memorex		N
	N-TB 1	Turbo Mouse 5.0	1996		Kensington	ADB	N
	N-TB 1	EasyBall	1997		Microsoft		y
	N-TB 1	Trackball Optical	2000	\$44.95	Microsoft		N
	N-TB 1	Logitech Cordless TrackMan Wheel Trackball	2002?	\$59.96 ?	Logitech	Part Number: 904346-0403	N

	(n)TB-01	Expert Mouse Pro Trackball K64325	2003	\$109.99	Kensington	https://web.archive.org/web/20030601213246/http://www.kensington.com:80/html/2200.html 3D via scroll ring	N
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Chord Keyboards

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	Grey Bin	Hall BrailleWriter	1892 (~1912)	\$11.00	Cooper Manufacturing	Later manufacture consistent with original.	
	Grey Bin	Stenotype	1910 (~1916)		Grandjean		y
		The Stenotype Advertisement	1913		The Stenotype Company	Stenograph Ad from Saturday Evening Post, Nov. 29, 1913, p. 51. 26.5 x 35 mm / 10.5" x 13.75"	
	Leather-Bound case under wkbench	The Stenotype	1913		The Stenograph Company		N
	?????	Master Model Four Stenotype	1927		Stenotype		N

	MI-03	Stenotype Machine			Palantype		y
	Loose East shelves workspace	Shorthand recorder	Circa 1975		Stenotype	Likely to be removed from collection due to better examples.	N
		PERKINS BRAILLER	1951		Perkins School for the Blind	1 st shown in 1939; however, WWII delayed production until 1951. Production continued through 2008.	N
	KB1-002	PARC 5-key Chord Kbd	1973	NFS	Xerox PARC	A direct derivative of the design used by Engelbart	y
	KB1-003	WriteHander	1978		NewO Company	X2 DP-004	y
	KB1-004	Microwiter	1978 (1980 release)		Microwriter		y

	KB1-005	Agenda	1989		Microwriter		y
	Binder	Microwriter Agenda Review	1989	£1.20	<i>New Scientist</i> No. 1671, July 1, 1989	Review on pages 75-76.	N
	Grey Bin	Braille Writer	1980-84		Mechanische Werkstatt für der DDR	Mechanical Braille Writer. From DDR. Design is reflective of much earlier devices. But chosen as example because of appeal of its design.	N
	KB1-006	CyKey	1996	\$159.00	Bellaire Electronics		y
	KB1-007	Bat	1991	\$379.00	Infogrip	(x2) DP-013	y
	KB1-008	Twiddler	1991	\$199.00	HandKey (TekGear)		y

	KB1-009	FrogPad	2002	\$229.00	FrogPad, Inc.		y
	MT-01	PACmate 20	2004	\$5,545.00	Freedom Scientific		
	Bin1	Gemini Piper	2005		Neutrino Group	Geminiwriter.com	N
	KB1	The Tap	2018	\$179.00	Tap Systems Inc.	https://www.tapwithus.com/	N

Keyboards

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	En route	Peoples Typewriter	1891	\$25.00	Garvin Machine Co.	Thanks to Martin Howard for guidance. Antique Typewriters - The Martin Howard Collection	N
	Grey Bin	Standard Folding Typewriter	1908 (1910)	\$50.00	Standard Typewriter Company.	Grandparent of the clamshell laptop. This example was manufactured in 1910, but is model 1, identical to the 1 st ones manufactured. Company name changed from Rose Typewriter company.	
	Grey Bin	Klimax Modell Nr. 4	1919		Helios	2 range keyboard with 3 shift keys – 4 possible characters from each key. Representative of today's mobile touchscreen keyboards, including the iPhone. Manual in Green Binder	
	On Workbench	Smith Premier No. 4	1896-1913		Smith Premiere Typewriter Company	An example of an under-strike typewriter. That is, the character is typed on the bottom of the platen not visible to typist without other action.	

	On Library Shelf	Smith Premier No. 10	1909-1922		Smith Premiere Typewriter Company	The only type of keyboard that is not chording – other than a telegraph key? 😊	
	On Library Shelf	Portable 3-Bank	1919 (1924)		Underwood Corp.	Introduced 1919. Collection's example was manufactured in July 1924)	
	On Lower Library Shelf	Corona 4 Portable	1928	\$60.00	L.C. Smith & Corona Typewriters Inc.	Bruce Green DuPont DUCO finish. 4-Bank portable. for use of colour, as per Harley Earle at GM and the Apple with the iPod Mini	N
	Separate in original box	EP-43 Typewriter	???	???	Brother	Placed here until date etc documented Of particular note is the multiple labels on keycaps	
	N-Kbd-3	Two Hand Ergonomic Keyboard	(1977) 1994		PCD Maltron		Y
	Bin-1	Model 55 ASCII Keyboard	1981	\$80	TASA (Touch Activated Switch Arrays)	Note Montgomery swipe keyboard	y

	N-Kbd-05	HP-150 Keyboard	1983	\$2,795	Hewlett Packard	HP-150 was first PC to ship with a touch screen. Price given is for complete computer.	Note: Computer is listed under Touch Screens
	N-Kbd-05	PCjr "Freeboard" IR Wireless Keyboard	1984 March		IBM	Chickelet Keyboard. Failure. Replaced See use of templates – compare to ProHance trackball.	N
	N-Kbd-05	113 ML1 IR Wireless Keyboard	1984		Metaphor	Accompanied the Metaphor IR Wireless Mouse and Keypad (both in the collection). This was the second wireless keyboard, following the IBM Freeboard kbd, (also IR) released earlier the same year.	N
		114 ML 1 Wireless Keypad	1984		Metaphor	This is a wireless companion to the Metaphor wireless mouse and keyboard. All 3 communicated with the computer using IR technology.	N

	Under wkbench	TRS-80 Model 100	1984		Tandy Radio Shack		
	N-Kbd-05	KB 5153 Touchpad/Keyboar d	1985	\$399.95	Keytronic	Launched in 1985 Spring Comdex. See 1985 PC Magazine, 4(14), p. 34. Mag in collection	N
	N-Kbd-05	Model M "Clicky" keyboard	1986		IBM		N
	N-Kbd-07	PS/2 Keyboard with Trackball MX 11800 185152-001 Rackmount			Compaq	http://www.overclock.net/t/706002/compaq-mx11800-review	N

	N-Kbd-05	LT Touchpad Keyboard			KeyTronic	Note: Keytronic released a \$399.95 touchpad enhanced kbd, (KB 5153) at 1985 Spring Comdex. See 1985 PC Magazine, 4(14), p. 34. Mag in collection.	N
	N-Kbd-3	Cleankeys Keyless Keyboard	2007	\$399.00	Touch-Free Computing	Conceptually identical to the earlier TASA keypad, but with addition of integrated touch pad (which TASA also made, but not integrated with keyboard). www.touchfreecomputing.com Home (archive.org)	N
	Bin-1	ToteBoard	1989	\$495 (1989) \$395 (1992)	nView	IR Wireless Kbd . Unlike previous 2 IR wireless keyboards, the PCjr Freeboard and that from Metaphor, was intended to be used at a longer distance, such as with projectors, or big wall-mounted displays. Note no integrated pointing.	y
	N-Kbd-02	Left Hand Ergonomic Keyboard	1989	\$515.00	PCD Maltron	One-handed kbd with full character set.	y

	KB2	DataHand	1990		DataHand Systems Inc.	Each finger "key" is actually 5 (down, N, S, E, W) switches providing access to full QWERTY character set without moving hand. Essentially mechanical radial menus. (Insmall CARDBOARD BOX)	y
	N-Kbd-05	Docutech 135 Keyboard	1992		Xerox	Include as proxy for Xerox Star 8010 workstation kbd's universal operator keys	N
	N-Kbd-4	Adjustable Keyboard	1993	\$219	Apple		N
	N-Kbd-06 x2	Data Entry Keyboard	1993	???	Matrox (Advanced Input Devices)		N
	N-Kbd-05	Model M5-2 Trackball Keyboard	1995		Dell (Lexmark)	Manufactured by Lexmark Is a clicky keyboard. All of the buttons still have their click. The space bar seems to have difficulty going down when you push it from the sides, but it works great when pushed in the center.	N

	Misc-1	"TrackWrite" ThinkPad 701c with Butterfly keyboard	1995		IBM	As lid of laptop opens, keyboard automatically mechanically expands, beyond footprint of laptop itself, thereby enabling compact portability while preserving full-size keyboard.	N
	N-Kbd-02	AlphaSmart Pro	1996	\$299.00	Intelligent Peripheral Devices	https://web.archive.org/web/19961022194741/http://www.alpha-smart.com:80/	N
	N-Kbd-05	Comfort Keyboard System Ergomagic	1993	\$675.00	Health Care Keyboard Company	http://comfortkeyboard.com/ Mechanically reconfigurable keyboard in terms of posture, and order of left, right halves of QWERTY and keypad.	N
	KB1	Savant	???	???	Kinesis		N
	N-Kbd-4	Classic	2000		Kinesis	A more affordable keyboard following the Maltron design. Largely a knock-off but with modern manufacturing.	y

	Bin-1	Palm Portable Keyboard	2000	\$99.00	Palm	See IDSA Design Secrets p 148 A fold-up full size keyboard for PDAs, yet compact for portability.	y
	Bin-1	FingerBoard Multitouch Evaluation System	2000	NFS	FingerWorks	First reference found on web site: https://web.archive.org/web/20001218024700/http://www.fingerworks.com:80/about_frame.html Forerunner of the iPhone multitouch technology	N
	N-kbd-07	Office Keyboard	2001	\$64.95	Microsoft		N
	Bin-1	KeyCase	2001	\$99.95	Logitech	Designed by IDEO	N

	Bin-1	Half Keyboard	2001	\$99.00	Matias	A very compact 1-hand keyboard with full-size keys offering full QWERTY capability by mapping one-half to the QWERTY keys onto the other half, and adding mode switch. Actually worked well and still on market	y
	N-Kbd-3	GoType! Pro		\$69.95	LandWare		N
	Bin-1	TouchStream LP	2002	\$299	FingerWorks	Was relative to TouchStream Mini? (\$249?) / LP \$339 ?? With stand donated by Sean Gerety, Atlanta GA	N
	N-Kbd-06	SafeType Keyboard Model V801	2002	\$295.00	SafeType Inc. (Previously Ergonomic-Interface Keyboard Systems)	www.safetype.com Perhaps the only keyboard which comes equipped with rear-view mirrors!	N
	Bin-1	OrbiTouch	2002	\$695	Blue Orb Inc.	A keyboard without keys. Despite appearance, those are not dials, but large joy-switches. One "types" by the coordinated use of two mechanical radial menus.	y

	KB2-006	Nostramo SpeedPad n50	2002		Belkin	A one-handed keyboard optimized for fast-twitch video-game play.	y
	N-Kbd-07	Lifetime Trackball PS2 76079-1 Keyboard Mouse Combo	2003	\$99.99	KeyTronic	However, similar model (LT TBALL GVT) available 2001 for same price	N
	N-Kbd-07	Adesso Mini-Touch Keyboard with Touchpad ACK-540PB: 2003 ACK-540UB: 2005	2003	\$59.95	Adesso Inc.	In 2006 made USB version (ACK-540UB).	
	N-Kbd-05	Wireless Natural MultiMedia Keyboard	2004		Microsoft		N

	N-Kbd-01	DX1 Input System	2004	\$149.95	ergodex	A totally user-configurable mechanical keyboard. Keys can be placed anywhere on the surface, a specific function assigned to each, and graphic for labelling, etc. placed under the transparent surface. Announced & preorders 2004. Shipping 2005	N
	KB2-002	Nostromo n52	2006		Belkin		y
	Kbd1	iGrip	2006	\$99	AlphaGrip		N
	N-Kbd-05	Model 80 Category 551 Tabletop Version w. Dual 2" DuraTrackballs			Cortron	http://www.cortroninc.com/W80RBD2-2X.htm SN C98941 Date 1506	N
	KB2	AKB13CA - Flexible Full-Size Mobile Keyboard	2007	\$19.99	Targus	Rubber roll up Keyboard USB	y

	Bin-1	Fabric Keyboard	2007	\$130.00	G-Tech		y
	KB2-003	Laser Key CL-850	2007		Celluon	file:///C:/Users/Surface%20User/Downloads/792704.792732.pdf	y
	KB2-005	Flip Keyboard	2009	\$146.00	Econo-Keys		y
	KB2-007	Mini Wire3less Keyboard N5901	2009		Lenovo		y
	N-Kbd-07	Bluetooth Mobile Keyboard 6000	2009		Microsoft		

	N-Kbd-02	iPad Keyboard Dock	2010	\$69.00	Apple		N
	N-Kbd-3	T6050 Bluetooth "Wrap-Up" Keyboard Also marketed as: "Flex Keyboard"	2010 (sept)	\$39.99?	i-tec Electronics	http://i-tecelectronics.com:80/ no longer in business. https://web.archive.org/web/20110502033640/http://i-tecelectronics.com:80/t6050-bluetoothwrap-upkeyboard.aspx Designed for i-Pad	N
	N-Kbd-3	Wedge Keyboard Mobile	2012	\$79.95	Microsoft	Pre-production prototype	N
	KB1-016	Ultra Mini Keyboard	2010	\$59.99	Rii tek	Integrated laser pointer	y

	Bin-1	iPazzPort	2010	\$49.00	Unisen Group		y
	N-Kbd-01	Surface Hub Keyboard	2015		Microsoft	Photograph 3D printed snap-on support	N
	N-Kbd-3	Universal Keyboard	2017	\$99.99	Microsoft	Bluetooth compact mobile kbd	N
	N-Kbd-06	Designer Compact Keyboard	2020	\$69.99	Microsoft	Quick switch among up to 3 different paired Bluetooth devices. (Only box in bin. Kbd in use on desk)	N

Handhelds: PDAs, Music Players, Games, Mobile Phones

Photo	Code	Name	Year	Price	Company	Notes	Pivot ?
	HH-01 Manual in green binder	Micro COMPET QT-8D	1969		Sharp	The first generally available LSI-based calculator. Came in 2 versions, a desktop version, QT-8D, and a version which could also operate on batteries, the QT-8B	
	HH-02 (power supply in same bin, sep. pkg.)	EL-8 Handheld Calculator	1971	\$345.00	Sharp		N
	HH-02	Handy LE-80A	1972(3?)	\$245.00	Busicom		N
	HH-02	Mini	1972	\$60.00	Casio	Hand-held calculator that broke the price-barrier and brought them into the very affordable (and caused a shake-down in the industry).	N
	HH-02	HP-35	1972	\$395.00	Hewlett-Packard	First hand-held scientific calculator	N

	HH-01	EL-805 LCD Calculator	1973		Sharp	1 st practical product – not just calculator – to incorporate an LCD display.	N
	To file	Auto Race	1976	\$24.99	Mattel Electronics	First all-digital handheld game. All solid state electronics. Only buttons and switches were mechanical. Single Player	N
	G-02	Merlin The Electronic Wizard	1978	\$30.00	Parker Brothers	A game <i>system</i> including 6 built-in games, rather than “a game”. In Orig. box	N
	HH-02	Card Time (ST-24)	1978	\$39.95	Casio	card-sized calculators. The Mini Card (LC-78, 3.9mm thick) and Card Time (ST-24)	N
		TC-D5 Stereo Cassette-Corder	1978	\$650.00	Sony	Stepping stone to Walkman.	N
	MP-01	TCM-600 Cassette-Corder	1978		Sony	Stepping stone to Walkman	N

	MP-01	TPS-L2 with Model MDR-3L2 Headphones	1979	\$275 ¥33,00	Sony	First Walkman with original headphones	N
	To file	Microvision	1979	\$36.94	Milton Bradley	Price includes game machine + Blockbuster game cartridge. Additional cartridges cost \$17.97. Compare to Psion	N
	To file	Elsi Mate EL-428 Soroban Abacus Calculator	1981		Sharp	A very interesting blend of old and new approaches to calculation within a single device a single	N
	G-01	Donkey Kong Game & Watch DK-52	1982		Nintendo	Introduced cross-shaped control pad, used in most game controllers since. Compare with DS of 22 years later! June 3, 1982 2x LR44 Batteries 1-player Donkey Kong [DK-52] (Game & Watch)	N
	HH-01	Watchman FD-210	1982		Sony		n

	G-01	Donkey Kong II Game & Watch JR-55	1983		Nintendo	March 7, 1983 Donkey Kong II [JR-55] (Game & Watch) 2x LR44 Batteries	n
		Nintendo Mario Bros Game & Watch Multi Screen MW-56	1983		Nintendo	March 14, 1983 Mario Bros. [MW-56] (Game & Watch)	n
	HH-01	DynaTAC 8000M	1983/89		Motorola		n
	HH-02	Data Bank PF-3000	1983		Casio	Casio's 1 st step beyond calculator to PDA Arguably the first device to qualify as a PDA	n
	MP-01	Discman D-50	1984	\$350.00	Sony	I think mine is D-90, 1989 Check	N

	HH-01	Watchman FD-20A	1984		Sony		N
	HH-02 X2	Data Bank PF-8000	1984		Casio	X 2 stored together	Y
	HH-02	CB-100 Checkbook Electronic Calculator	1985		Casio	(x2: 1 without cover) DP-008	Y
	HH-04	Organizer II Model: CM	1986	\$209.99	Psion	With 32K Datapak In box	N
	PD-004	IF-8000	1986	\$180.00	Casio		Y
	HH-04 X2	Wizard OZ-7000	1989		Sharp	Date? Catalogue dated 1988	N

	HH-04	Model 1 l	1990		Dycam	First consumer digital camera. 320 x 240 x 8-bit monochrome image. Compatible with Mac and PC. White version sold under license by Logitech as the Fotoman. Stores 32 pictures.	N
	Misc-1	PalmTop PTC-500	1990	\$1,320.	Sony	Sony's 1 st pen based PDA. Also, only 1 year after 1 st GRiDpad pen computer.	N
	HH-04	95LX	1991	\$550	Hewlett Packard (HP)	First in line of HP palmtop computers, and first MS-DOS ever produced. Included Lotus 1-2-3 in ROM http://www.hp.com/hpinfo/about/hp/histnfacts/museum/personalsystems/0025/0025history.html	N
	HH-02	PARCtab	1992	NFS	Xerox PARC		y
	HH-??	Newton Message Pad (OMP) H1000	1993	\$699.99	Apple Computer	Cover of Macworld, Sept 1993 Original Newton	y
	HH-04	Newton Print Pack	1993		Apple Computer		N

	HH-02	GRIDPAD 2390	1993		AST Research Inc		y
	HH-01 x 2	Simon	1993	\$900.00	IBM & Bell South	One in original box, the other not. Both in same bin	y
	HH-03	Digital Rolodex EC340	1993	\$150.00	Radio Shack		y
	MT-01	Magic Link PIC-1000 Personal Intelligent Communicator	1994	\$995.00	Sony	First commercial device to ship using the General Magic Magic-Cap Demo:	
	HH-03	Voice Organizer Model 5200	1994	\$179.95	Voice Powered Technology		y
	HH-02	Newton Message Pad 120	1996	\$600.00	Apple Computer		y

	HH-03	Pilot 5000	1996 (March)	\$369.00	Palm (US Robotics)	1000 model with less memory \$299.00 Launched March http://www.palminfocenter.com/news/8493/pilot-1000-retrospective	N
	HH-04	HP 320LX	1997	\$699.00	Hewlett Packard (HP)	Like new in box. Working One of, if not first, Windows CE handhelds. https://web.archive.org/web/19970225155042/http://hpcc998.external.hp.com:80/handheld/palmtops/display.html	N
	HH-03	PalmPilot Personal Professional	1997	Pro: \$399 Per: \$299	Palm (US Robotics)	Launched March 10! Professional: 1024 KBB Personal: 512 KB	
	HH-04	Cassiopeia A-10	1997	\$499.00	Casio		
	HH-04	MessagePad 2000	1997		Apple		N

	HH-02	Series-5 PDA	1997		Psion	(x2) DP-001	y
	HH-02	Rolodex REX	1997	\$49.99 (?)	Franklin	X2, 2 nd in original package	N
	HH-03 X2	Palm Pilot Modem	1997	\$129	3Com	Both in same box	N
	MP-02	Words to Go	1997		Audible		N
	HH-03 X2	Palm III	1998	\$399.99	Palm (3Com)	1 st from Palm Computing division of 3Com. Both in same new box 1 st to support beaming	N
	HH-04	daVinci	1998	\$99.00	Royal	Also marketed under Olivetti brand. Minor PDA. Keyboard interesting. Also reference to illustrate clone factor	N

	On lower shelf, east wall by workbench	Nino 300	1998	\$399.00 (4M-byte) \$499.00 (8M-byte)	Philips	Windows CE Pen / touch / limited voice	N
	HH-03	Data Rover 840	1998		General Magic	Magic Cap Software X2	y N
	HH-02	BlackBerry 950 Wireless Handheld	1998		Research in Motion (RIM)	Have 6 units. Only 1 has good screen (one in holster)	N
	MP-01	mpMan Digital Stereo Player	1998	\$250	Saehan	1 st portable MP3 Player Later licensed to Eiger Labs for NA market 1 st shown CEBIT Hannover, March / production in May 98.	N
	MP-01	mpMan Digital Stereo Player	1998	\$250	Saehan	See previous unit. This is in box, and Eiger-Labs version	N
	MP-01 X2	Rio PMP300	1998	\$200	Diamond	2 nd portable MP3 player, 1 st to get traction Released Sept. 1998 Both in same original.	N

	Small-Handheld 2 file Bin	Walkman NW-MS7 Portable Memory Stick Player	1999		Sony	Memory Stick Walkman, supporting Magic Gate copyright protection technology.	N
	HH-02	R380 World Smartphone	1999		Ericsson Mobile Communica tions	First device to be explicitly marketed as a 'smartphone.' https://en.wikipedia.org/wiki/Ericsson_R380	N
	HH-02	revo	1999	\$399.00	Psion		N
	PD	PalmV	1999	\$449.00	3Com	https://the-gadgeteer.com/1999/02/28/palm-v_review/ Packed with Vx	N
	HH-03	Visor	1999		Handspring	http://www.pencomputing.com/palm/Reviews/visor1.html Note: EyeModule paced with the Visor	Y
	HH-03	Eye Module	1999	\$149.00	IDEO	http://the-gadgeteer.com/2000/04/07/eyemodule_visor_springboard_review/ Note: Packed with Handspring	Y

	MP-02	raveMP 2000	1999	\$299.00	Sensory Science	First MP3 Player to offer built-in microphone with voice recording.	N
	MP-02	IJ-100 Play!	1999	\$219.95	i-Jam (Black Rhino)	Small, light, 1 st with radio, 1 st with colours (5: Black Rhino , Silver Bullet, Lemon Drop, Razz Jazz Red, & Chi-Town Blue	N
	MP-02	IJ-100 Play!	1999	\$219.95	i-Jam (Chi-Town Blue)	Small, light, 1 st with radio, 1 st with colours (5: Black Rhino, Silver Bullet, Lemon Drop, Razz Jazz Red, & Chi-Town Blue	N
	MP-02	IJ-100 Play! X2? One in orig. pkg to file	1999	\$219.95	i-Jam (Silver Bullet)	Small, light, 1 st with radio, 1 st with colours (5: Black Rhino, Silver Bullet , Lemon Drop, Razz Jazz Red, & Chi-Town Blue	N
	MP-01	IJ-100 Play!	1999	\$219.95	i-Jam (Razz Jazz Red)	Small, light, 1 st with radio, 1 st with colours (5: Black Rhino, Silver Bullet , Lemon Drop, Razz Jazz Red, & Chi-Town Blue	N
	Sm-tmp Bin X2	Walkman NW-MS7 Portable Memory Stick Player	1999	\$449.95	Sony	Date may be 2000 – USA released One of the two is as new in original box	N

	MP-02	NOMAD	1999	\$170 (32MB) \$250 (64MB)	Creative Labs	Released June 1999	N
	HH-03	CSM 150 Barcode Scanner SpringboardModule	2000	\$159.00	Symbol	For Handspring	N
	HH-02	2000	1999		Symbol	x2 (scanner) DP-009	y
	MP-01	Expanium EXP101 Portable CD/MP3 Player	2000		Philips		N
	MP-01	Personal Jukebox PJB-100	2000	\$799.00	HanGo (Remote Solutions)	First hard-disk based portable Mp3 Player	N
		eGo	2000	\$329.00	i2Go	Price is w/o memory. With 96 MD, initially cost \$499. Prices fell with memory costs.	

	HH-03 X2	iPAQ pocket PC Model 3650	2000 (2002?)		Compaq	Packed together. One with "backpack"	y
	HH-02	Cassiopeia E-115	2000	\$600	Casio	Windows CE, Colour, https://www.pcmag.com/article2/0,2817,10766,00.asp Donated by Sean Gerety, Atlanta, GA Cassiopeia A (Cas A) is a supernova remnant (SNR) in the constellation Cassiopeia and the brightest extrasolar radio source in the sky at frequencies above 1 GHz.	N
	HH-02	SPT 1700 Terminal	2000		Symbol		y
	MP-02	6GB NOMAD Jukebox C	2001		Creative Labs	First disk-based MP3 Player to get traction in market	N
	PD-011	Palm m500	2001		Palm		y

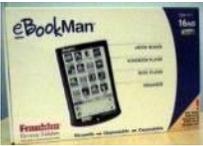
	MP-02	SL45	2001		Siemens	First phone with integrated MP3 player	N
	HH-04	iPAQ H3970	2002	\$750.00	Compaq	Pocket PC 2002 New in box	N
		SPH-A500	2003		Samsung	Example for demonstrating input of alphabetic input with numeric keypad.	
	MP-01	iPod G1	Oct, 2001	\$399.00	Apple		y
	MP-01	iPod G2	July 2002	\$399.00	Apple		y
	MP-01	iPod G3	April 2003	\$399.00	Apple		y

	MP-01	iPod G4	July 2004	\$399.00	Apple		y
	MP-01	6 iPod Minis: Gold, Pink, Silver, Green, Blue (x2)	2004	\$249.00	Apple		N
	G-02	DS Model No. NTR-001	2004	\$149.99	Nintendo		y
	G-02	PSP	2005	\$199.99	Sony	Will omit for now	n
	HH-01	Advantage X7501 Smartphone	2007	\$ 899.00	HTC		y
	HH-02	iPhone (G1)	Intro Jan 2007	\$499 4GB \$599 8GB	Apple	Jan 9 announce / June 29 ship 2007	N

		Touch P3450	June 2007		HTC	Smart Phone	N
	MP-01 X2	iPod Touch (G1)	Sept. 5 2007	\$399.00	Apple	http://www.everymac.com/systems/apple/ipod/specs/ipod-touch-specs.html	y
	HH-01	N2 Mobile Phone	2007		Neonode	Had swipe to unlock – since 2004 on N1	N
	HH-02	Rolodex Electronics Organizer Model RK-8203	2008	\$29.99	Franklin	(x2) DP-002	y
	X2 With LunaTik	iPod Nano G6	2010	\$149 (8GB) / \$179 (16GB)	Apple	See also LunaTik watch band in Watches section Have 2. 1 mounted 1 for contrast	N
	HH-01	Kin Two (pre-production model)	2010		Microsoft		N

	<p>Small bin on office shelf X3 to illustrate postures</p>	<p>SCH-U750 Alias 2 Full QWERTY Cell Phone</p>	<p>2010</p>		<p>Samsung</p>	<p>Mechanical keys with dynamic e-ink key-cap labels. Transformer form-factor, between flip-phone & clam-shell desktop-type posture. X-ref 207 Optimus Maximus kbd</p>	<p>N</p>
	<p>PD-016</p>	<p>UMPC Prototype</p>			<p>Microsoft</p>		<p>y</p>
	<p>Small phones bin in office</p>	<p>Surface DUO</p>	<p>2020</p>	<p>\$1,399.00</p>	<p>Microsoft</p>		

e-Readers

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	EB-001	Marvin Minsky's Society of Mind	1994		Voyager		y
	Cbd Box on east shelf	Rocket eBook	1998		Franklin (NuvoMedia) Franklin announced being distributor Jan 1999.	1st dedicated eReader. See IDSA Products 1, p 104	N
	EB-011	eBookMan EBM-911	1999	\$ 187.00	Franklin		y
	EB-002	eBook REB 1100	2001	\$ 300.00	RCA		y
	EB-003	eBook REB 1200	2000	\$ 700.00	RCA		y

	EB-004	PRS-500 Personal Reader System	2006	\$ 300.00	Sony		y
	(a)EB- 005 (b) PC- 07	iLiad	2006	\$ 699.00	iRex	2 units. (b) missing stylus	y
	EB-006	CyBook Gen 3	2009	\$ 350.00	Bookeen		y
	EB-007	Kindle (G1)	2007	\$ 399.00	Amazon		y
	EB-008	75 th Anniversary Cover	2008	\$ 5.99	Esquire Magazine	Lighted leather cover	y
	EB-009	CBS Fall Season Prevue	2009	\$ 3.95	Entertainment Weekly		y

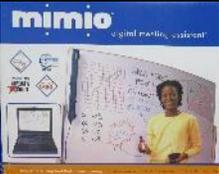
	EB	Kindle Keyboard (G3, Model D00901)	2010	\$139.00	Amazon	With wifi; Plus 3G was \$189.00	N
	EB	Kindle Lighted Leather Cover	2010	\$59.99	Amazon	https://www.amazon.com/gp/product/B003DZ166Q/?tag=gnlt-20	N
			2017				

Pen Computers

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	PC-03	GRIDPAD 1910	1989	\$2,370	GRID	<p>The GRIDPad wasn't the first commercial tablet computer—the Linus WriteTop came earlier—but it was the first to succeed.</p> <p>Designed by Jeff Hawkins, it featured his handwriting recognition software, <i>which led to Graffiti on the PalmPilot</i>. (Computer History Museum) Correct – Notae Tironi, SSSP, unistrokes..</p> <p>NOTE: Additional Stylus in M-03</p>	N

	PC-02-001	Active Book Prototype	1991		Active Book Company	Acquired by AT&T and folded into EO in 1991.	y
	CB-002	Momenta	1991		Momenta	Cardboard Box 002	y
	PC-03	3125 Slate	1991		NCR	GO Operating system (1992) 1 st pen computer to run both MS Windows fr Pen Coputing & GO OSs	y
	PC-05	GRiDPad 2050	1992		GRiD		y
	PC-03-008(A) PC-03-008(B)	GRiDpad 2260 Convertible	1992		GRiD	PC-01-008 (B) is power supply	y
	PC-05	GRiDPad 2270	??		GRiD	Superficially same as 2260. Check out differences.	N

	PC-03	Concerto (Series 2840 Convertible)	1993		Compaq	Pen for Windows Check http://www.minyanville.com/special-features/articles/ipad2-ipad-2-release-tablets-ipad/3/10/2011/id/33112	N
	PC-01-003	PoqetPad Plus	1993		Fujitsu		y
	PC-01-001 (A) PC-01-001 (B)	Safari 3115	1993		NCR	PC-01-001(B) is power supply x2 DP-005(A) DP-005(B)	N
	PCI-03- 003 x 2	GO Prototype	1992		Penpoint	Two units	y
	PC-02-005	EO Personal Communicator 440	1993	\$1,599 (4Mb) \$1,999 (8Mb)	EO	Debut July 1, 1993. Shut down July 1994.	y
	PC-08 X3 +	Desktop Replacement DTR-1	1994	\$2,695	Dauphin	X3 Note: extensive documentation, floppies, and floppy drive with unit 3 in	y
	PCI-01- 001	CruisePAD	1995	\$1,399.	Zenith Data Systems		y

	PC-05-002	Forté CommView Win Pen Computer F2154A	1995		Motorola		y
	PC-02-002	DATA EATA MD Data PDF- 5	1996		Sony	Printer and accessories in same bin	y
	MT-01 X2	eMate 300	1997	\$800	Apple	Was Apple Newton in new skin. 7.5v, 1.2A, C+ X 2 - 2 nd in box	N
	PC-04 x 3	CrossPad XP	1998	\$399	AT Cross Company	Original larger version released in 1997. X2 – 2 nd unit new in box (donation James Landy) 2 units- (b) is new in box. Donation James Landay	y / N
	MT-01	mimio	2000 (or before)		Virtual Ink	Designed by Fitch See Design Secrets: Products, p 170-173.	
	PC-04 x 2	TransNote	2001	\$3,000	IBM	James Landy donation http://pencomputing.com/frames/ibm_transnote.html x2 PC-04 has all documentation	N
	PC-02-006	E-Pen USB Version EP- 100R	2001		E-Pen InMotion		y

	PC-04-003	Teaching Pen						y
	PC-04	Tablet PC Prototype	2000		Microsoft	Prototype for in-house use of First Gen MS Tablet PC, launched Nov 7, 2002		N
	PC-02-007	InkLink Smart Pad	2002		Seiko Instruments			y
	LOCATE	Tablet PC TC1000	2002		Compaq	3 units – some branded Hewlett Packard (HP)		N
	PC-07 X2	Sahara 1 Series Tablet PC	2002		TabletKiosk	Have 2 of this model. 1 Black & 1 white		N
	PC-07	Sahara Touch-It Slate PC	2003	\$1,995	TabletKiosk	20 V DC 3.25 amp, tip positive		N
	PC-02-006	i-Pen Mouse	2003		Finger Systems	(x2) DP-011		y

		DesXscape 150DM	2003	\$1185	Philips Consumer Electronics		N
	PC-02-010	iO Personal Digital Pen	2002		Logitech	Uses Anoto Technology	y
	PC-04-004	Pen + Mouse			EPOS	located in same box as PC-01-009	y
	PC-01-009	Pen + USB Key			EPOS	located in same box as PC-01-004	y
	PC-07	DigiMemo A502	2005			ACECAD	N
	PC-01-004	Pepper Pad 3	2005		Pepper		y

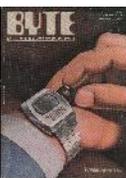
	PC-04	NP-Q1 Ultra-Mobile PC	2006	\$1,099		Samsung	N
	MT-01	Boogie Board LCD Writing Tablet 8.5" LCD	2010	\$29.97	Improv Electronics		N
	MT-01	Boogie Board Rip LCD Writing Tablet 9.5" LCD	2012	\$129.99	Improv Electronics		N
	PC-07	Livescribe echo smartpen	2010	\$169.95 (4GB) \$199.00 (8GB)	Livescribe		N
	PC-6	Flyer	2011	\$499.99	HTC		N
	HH-01	Galaxy Note 3 SPHN900WTK SM-N900P UD	2013		Samsung	See also Samsung Gear watch	N

	00	MT-01	Paper Tablet - RM-100	2017	\$599.00	reMarkable	Box, pen etc in bin. Locate device.	
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Watches

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
		Time Computer	1975	\$550.00	Pulsar	First generally available calculator watch.	N
		Touchtron	1976		Orient	http://www.ledwatches.net/advertisements/orient-ad-1.htm	N

	W01 X2	LC-909 Model: 59-2021 Calibre: 9090	1977	¥98,000 \$344.55 USD	Citizen	Quartz Cryston Calculator Watch, Model 59-2021, Calibre: 9090 Bg <ul style="list-style-type: none"> #1 is complete #2 is case and band – no innards 	N
	W01	LC- 913 Model: 49-9315 Calibre: 9130	1978	¥35,000 \$250.00	Citizen Quartz Cryston Calculator Watch, Model Model: 49- 9315, Calibre: 9130	Second version of LC-909 released the previous year. Illustrates the speed of innovation/progress in the technology. <ul style="list-style-type: none"> Silver version x2 spare bezel button ring (silver) spare crystal 	N
	W01	LC 914 Model: 49-9421 Calibre 9140A	1978		Citizen Quartz Cryston Calculator Watch, Model 49- 9421	Scientific Calculator Third version of LC-909 released the previous year. Illustrates the speed of innovation/progress in the technology.	N
		C-801-1	1980	\$69.95	Casio	First Casio Calculator Watch Module 133 This is the primary version of this watch. The C-80, which is the same watch in a less expensive case/strap, is to illustrate the “what is a touch interface?” narrative.	N

		C-80	1980	\$49.95	Casio	First Casio Calculator Watch Module 133 A less expensive (plastic) version of the C-801-1. Intended to be part of the "what is a touch interface?" narrative during exhibitions.	N
	W-01	April 1981, Vol 6, No. 4	1981	\$2.50	BYTE		N
		TV Watch	1982		Seiko		N
	W-02	Edge DIVE Computer	1983		ORCA Industries	b.g.: http://www.skin-diver.com/departments/gearingup/accessories/may00_computer.asp	N
	RF-01-017 RF-01-018	Data-2000	1983	\$295.00	Seiko	(x2 for base) DP-003 Didn't find in '83 catalogue, Vol 1: https://www.thewatchsite.com/files/Catalogs/1983%20Seiko%20Catalog.V1.pdf	y

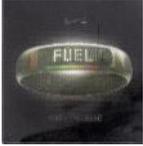
	RF-01-019	TC-500	Feb 1983	\$79.95	Casio	Casio's first touch screen calculator watch Module 119	y
	RF-01-021	TC-50	1984	\$49.95	Casio	Module 120	y
		TC-600-1	July 1983		Casio	Module 119	y
	RF-01-020	AT-550-7	1984	\$99.95	Casio	(x2 working + 3 rd for parts) Module 320	y
		DB-1000 Touch Screen Calculator Tele-Memo 50	1984	\$129.95	Casio	Module 285 Released August 1984, 1 st to recognize hand writer words	N

		SA-100 TOUCH SCREEN WATCH	1984		Casio	Module 436 Super thin	
		C010 Voice Memo Digi-Ana voice recording watch	1984		Citizen		N
		RC-1000 Wrist Terminal	1984		Seiko		N
	RF-01-023	RC-4400-Pocket- Terminal	1985		Seiko		y
		RC-4000	1985		Seiko		N

	RF-01-024 X2	RC-4500 (Wrist-Mac)	1985		Seiko	(x2: neither working)	y
		Module 509 Pulsecheck	1987		Casio	Available in either yellow or blue buttons http://www.digital-watch.com/DWL/1work/casio-jp-100w/	N
		CMD-10 Wrist Remote Controller	1992	\$90.00	Casio	Module 1028	N
		Data Link Watch	1994	\$130	Timex / Microsoft		N
	RF-01-022	Databank 150 (DBC150)	1995	\$69.95	Casio	Module 1477	y

		DBC-V500 Module: 1591	1999		Casio	Built in voice recorder X 2 : one good, other for parts	N
		PRT-1 GPS PROTREK	1999		Casio	First GPS watch Module 1840	N
		Wrist Audio Player (WMP-1V)	March 2000	\$249	Casio	First watch MP3 Player	N
	X2 + optional PC Link Kit	Wrist Camera Model WQV-1	2000	\$199 (watch) \$50 (synch module)	Casio	Module 2220 First camera watch X2 – 2 nd has rubber strap X2 2 nd black	N
	RF-01-026	Smart Personal Objects Technology (SPOT) Watch	2004	\$299	Microsoft	In Bill's possession Discontinued watches in 2008. Broadcast ends Dec 2011	y
	RF-01-025 Watch in watch drawer	T-Touch Expert Titanium	2004		Tissot	Original T-Touch emerged in 1999. Mine is from 2004. Expert series 2008	y

		Wrist PDA FX2008	2005	\$249.00	Fossil	PDA on your wrist. Runs Palm OS 4.1.2 but not Graffiti	N
		Smart Watch 2006	2006		Abacus	SPOT Watch https://www.engadget.com/2006/05/23/spot-lives-abacus-smart-watch-2006/	N
		LG-GD910	2009	\$808 / £500	LG Electronics		N
		LunaTik		\$129.95	Minimal	Leather Aluminum watch Band wrist Strap for iPod Nano G6	N
		Smart Watch	2012	\$150	Sony		N

		Nike+ FuelBand	2012	\$149	Nike		N
		Galaxy Gear SM-V700	2013	\$299	Samsung	See also Samsung Galaxy note 3 phone	N
		Pebble	2013	\$150	Pebble Technology Corporation		N
	Watch Drawer	Stop2go	2013	\$313.00	Mondaine	Wristwatch version of the Swiss Railroad (SBB) clock. Second hand goes around in 58 sec. then stops for 2 seconds, then it and minute hand advances.	N
	W-02 X2	Band	2014	\$199	Microsoft	One Black, other baby blue.	N
		Tread	2015	\$165.00	Leatherman	https://www.leatherman.com/on/demandware.store/Sites-leatherman-Site/en_US/Blog-ShowPost/?p=705	N

		ChronoLinks	2016	\$39.00	Ansix Designs	https://web.archive.org/web/20160611085934/http://chronolinks.com:80/treadlinks	N
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Wearables: Gloves, Rings, Heads, etc.

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	MP-01	Bone Fone	1979	\$69.95	JS&A Group		
		Bone Phone Print Ad	1980			Gary Kelley Art (?)	
	Bin-3 (1 of 2) MS-002 (2 of 2)	HeadMaster View Control System (VCS)	1985	\$199	Personics	Bin-3 unit in box with puff tube, etc.,	Y Update with new material
	MP-01	Liveboard Communicat or	1989	NFS	Xerox PARC	My liveboard scarf	

	Bin-3	Private Eye	1989	\$795.00	Reflection Technologies		
	GF-01	CG2200-R Cyberglove	(1990) this one -1999 ?		Virtual Technologies	http://www.cyberglovesystems.com/allproducts <u>Commercialized 1992?</u>	N
	MT-01 GF-01	Spectrum Ring Mouse	1994		Kantek Inc.		y
	Bin-3	I Glasses	1994	\$599.00	Virtual I/O	Personal Display System	
	Bin-3	VFX1 Headgear	1995	\$695.00	Forte	https://en.wikipedia.org/wiki/VFX1_Headgear http://www.mindflux.com.au/products/iis/vfx1.html	N
	MT-01 GF-01	CGR2201-R Cybergrip	1997		Virtual Technologies	https://web.archive.org/web/19980131235438/http://www.virtex.com:80/pr.cybergrip.html	N

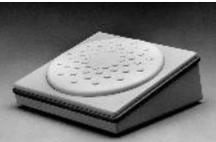
	MT-01 GF-01	The Glove	1997		Reality Quest		
	Bin-5	Tracker 2000	1999	\$1,895	Madenta	http://madentec.com/m/madenta/madentaproducts.html#	N
	Bin-6	Cymouse	2002	\$99.00	Maui Innovative Peripherals	www.cymouse.com https://web.archive.org/web/20021212012720if_/http://www.cymouse.com:80/content/VideoGaming.html Note: Miracle Mouse is variation for accessibility (at 5x price!) https://web.archive.org/web/20021201162037if_/http://www.cymouse.com:80/content/AssistiveTech.html	
	WH-01	Tracker	2008	\$99.00	Fitbit	http://web.archive.org/web/20081101010301/http://www.fitbit.com/	N
	Bin-5 (x 2)	EPOC Neuroheadset	2008	\$299	Emotiv	Seems like it may not have shipped until 2010. Check.	N
	MT-01 GF-01	3D Optical Mouse: The Lord of the Rings	2008		HDE		y

	MT-01 GF-01	CHAMS Gloves	2010	\$ 12.99	Smart Touch		y
	WH-01	Google Glass V2.0 XE-C Tangerine w/ Active Shade	2013 (2014 public)	\$1,500	Google		N
	MT-01 GF-01	Wireless Ring Mouse	2011	\$69.99	Genius	"Wireless Thumb Cursor Controller"	N
	MT-01 GF-01	hi-Call Bluetooth Talking Glove	2012	\$69.99	hi-Fun		
	MT-01	PCEye Go	2013		Tobii Dynavox	Overview: http://www2.tobiidynavox.com/pceye-go/ https://web.archive.org/web/20160221175054/http://www.tobiidynavox.com/	
	Bin-2	Autographer	2013	\$399.00	OMG Life		
	MT-01 GF-01	Mycestro- 001	2014	\$149.00	Innovative Devices Inc		N

	WH-01	Rift Development Kit DK 1	2014		Oculus		
	Bin-5 X 4 iterations	Soundscape Prototype Headphones	2014		Microsoft / AfterShokz	Commercially available "bone conduction" non-occluding headphones, augmented by an IMU (i.e., integrated accelerometer, gyro and compass) To sense head movement	
	Bin-5	Glyph Video Headset	2015	\$699.00	Avegant	https://avegant.com/video-headset https://www.wired.com/2015/12/avegant-glyph-is-a-different-kind-of-face-computer/ https://www.engadget.com/2015/03/03/avegant-glyph-is-a-different-kind-of-face-computer/	N
	Bin-5	Insight	2015	\$299.00	Emotiv	5 Channel mobile EEG	N
	WH-01 x2	Cardboard	2015	\$5.00	Google		N
	MP-02	The Dash	2015	\$299.00	Bragi	Important step in the evolution of mobile music players as The Dash earbuds were the music player (with the additional capability of functioning as wireless earbuds).	N

	MT-01		2015		Beartek		
	WH-01	Hololens	2016 March		Microsoft		
	Bin-4	View-Master Deluxe VR Viewer	2016 ?	\$29.99	Mattel	Is essentially an enhanced Google Cardboard with a twist May have been released Oct 2015	N
		Hacking Stem Glove			Microsoft		
	MT-01 GF-01	Orii	2019	\$219.00	Origami Labs	Voice Powered Ring	

Pedals

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	EB-011	Transcription Control Pedals			Infinity	https://xkeys.com/xkfootmouse.html	y
	Pedal Bin	Foot Switch			ikkegol	USB Foot Switch Pedal - Global Tesco - Dropship From China	
	Pedal Bin	Elgato Stream Deck Pedal 20GBF9901		\$89.00	Elgato		N
	EB-012	FootMouse	1984	\$149	Versatron		y
	Pedal Bin X2	Volume Pedal	1975		Ernie Ball	https://www.vintageguitar.com/19731/the-ernie-ball-volume-pedal/	N

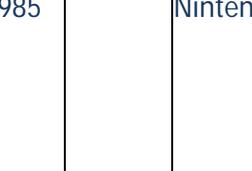
		PC-Pedal	1985	\$79.95	Brown & Company		To Order
	Small temp pedals bin	StealthSwitch	2005	\$39.95	H-Mod Inc.		N
	EB-013	No Hands Mouse	2009	\$349	Hunter Digital		y
	EB-014	USB Foot Switch			Unknown		y

Game Machines, Controllers & Toys

(See also Handhelds, PDAs, etc. section for handheld games)

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
		Odyssey	1972	\$100	Magnavox	First home game console. No sound. Power: 9v DC, 40 mA or 6 C-cell batteries	N
		Odyssey Shooting Gallery	1972		Magnavox	First lightgun for a home video game system	N
	G-09	Pong Console	1975		Sears Tele-Games	Arcade game released in 1972. Atari branded 1976.	N
	G-09	2600 Home Video Game Console	1977	\$199.00	Atari	Discontinued Jan 1983	N

	G-09	Intellivision	1980	\$299.00	Mattel Electronics		N
	G-09	FAMICOM Game System	1983		Nintendo (Famicom)	Japanese version. Released in different version in 1985 as NES – Nintendo Entertainment System. To best of knowledge, first of now standard stand-alone controllers which are held in two hands and operated by the thumbs. Power Adaptor: 10 VDC 850 maP (-) pole	N
	G-01	Famicom Video Shooting HVC-005	1984 (Feb.)		Nintendo (Famicom)	Japanese predecessor to NES Zapper. Game: Wild Gunman a.k.a. Beam Gun?	N
	G-01	ZAPPER Gun Game Controller	1985		Nintendo	For NES system. Repackaging of Famicom Video Shooting / Beam Gun for US market.	N
	G-09	Nintendo Entertainment System (NES) Console	1985		Nintendo	Power supply, TV adaptor, 6 games Power Adaptor: 9 VAC 1.3 A	N

	G-02 G-09	NES-004 Game Controller	1985		Nintendo	Have 2, one to be used with Mother Ship One in G-09 with MES Machine	N
	G-01	Mother Ship	1985		Suncom	For Nintendo NES controllers	N
	G-07	Joyboard + Mogul Maniac Game	1982	\$39.95	Amiga	http://en.wikipedia.org/wiki/Jay_Miner http://www.amigahistory.co.uk/ahistory.html	N
	G-04 (X2)	Power Pad	1988		Nintendo	X2	N
	RF001 G-01	Power Glove	1989	\$ 75	Mattel	X2 2 nd unit in box	N

	G-04	Roll & Rocker	1989		LJN Toys		N
	G-02	Channel F Fairchild Video Entertainment System Controller			Fairchild	2 per unit \$169.95 for console	N
	G-02	CX 40 Joystick	1977	\$14.95	Atari	Atari 2600 (VCS) \$199.00	N
	G-02	Video Command	1982?	\$16.95	Atari (Zircon?)	Fairchild Channel F controller	N
	G-01	Ergostick	1988		WICO		N

	G-02	Powerplayer	1988		Mindscape, Inc., 3444 Dundee Road, Northbrook, IL 60062.		N
	G-02	CX30 Paddles	1977	\$21.95	Atari		N
	G-03	Trak-Ball	1983		Atari		N
	G-02	CX-24 Pro-Line	1984		Atari	Included with Atari 7800.	N
	G-02	Quickshot 1	1982		Spectravideo	Spectravideo for Atari 2600 VGS. 1 st ergonomic joystick for games.	N

	G-02	Archer Quickshot 1	1982		Tandy	Rebranded version of Spectravideo Quickshot	N
	G-02	PointMaster	1983	\$19.95	Discwasher		N
	G-02	Gemstik VG170B	1984	\$7.99	Gemini Industries		N
	G-01	Stick Stand			K Byte	For Atari 2600	N
	G-01	QuickShot XXI Deluxe Joyball Controller			Spectravideo	The IX version from 1983. 'ball' is not a complete sphere, merely a large dome attached to a switching mechanism that slides forward, backward, left, and right. The Quickshot can be changed fro right to left hand use via a slider switch on the side of the unit.	N

	JS-005	U-Force	1989		Brøderbund	X2 One in G-07 in Box	y
	G-07						N
	JS-02	SideWinder 3D Pro	1995	\$59.95	Microsoft		N
	G-02 X2	Spaceorb 360	1996	\$99.00	Spacetec IMC Corp.	Make sure to include in spaceball / space mouse chronology 2 ND UNIT IN BOX WITH MANUAL,ETC Similar to Spacetec Spaceball Avenger	N
		Wingman Warrior	1996		Logitech		N
	G-03	Furby	1998	\$35.00	Tiger Electronics		N

	G-05	Force-Feedback Wheel	1998		Microsoft	Fi	N
	G-06 CB Box	WingMan Formula Force Racing Realistic PC Racing System	2000		Logitech	Designed by IDEO San Francisco See details in Design Secrets: Products 100-103 New in box	N
	PCI-03-004	P5 3D Game Controller Virtual Glove	2001	\$ 149.00	Essential Reality	(x3): 1 <ul style="list-style-type: none"> • DP-010 x1 (no box) • G-08 x 2 (both in box) 	y
	In studies in own box	Falcon 3D Force Feedback Game Controller			Novint Technologies		N

		Guitar Hero Controller	2005		RedOctane		N
	G-04	Xbox 360 Wireless Controller	2005		Microsoft		N
	TB-001 JS-02	Gametrak	2006	\$69.99	Mad Catz Inc.	For Real World Golf game. X2	y
	G-10	Kinect Prototype Archive 2-5	2010		Microsoft		N
	G-10	Kinect Prototype Archive EV1-DK	2010		Microsoft		N

	G-10	Kinect Prototype Archive EV2 DK White	2010		Microsoft		N
	G-10	Kinect Prototype EVB 1065 Agra	2010		Microsoft		N
	G-10	Kinect Prototype Beta DK 20181	2010		Microsoft		N
	G-10	Kinect Prototype Beta DK TAF-04 with Agra	2010		Microsoft	Introduced tilt stand	N
	G-10	Kinect PV Unit - Retail Eq	2010		Microsoft		N

	Misc-2	XBOX One Kinect Sensor	2013		Microsoft		N
		Kinect Adaptor	2016		Microsoft	Lets you hook up the Xbox One version of the Kinect to a Windows 8, 8.1, or 10 PC or an Xbox One S through a standard USB port.	
	G-03	Hydra	2011	\$139.99	Razer		N
	G-03	iCADE	2011		ION	An arcade-style game controller designed for the iPad.	N
	G-01	Fling	2011	\$19.95	Ten One Design	http://www.tenonedesign.com/fling.php	N

	G-01 X2	Joystick-It Arcade Joystick	2011		ThinkGeek	http://www.thinkgeek.com/product/e8f5/ One Silver / One Black	N
	G-01	Mobile Joystick			No Label		
	G-01	Cars 2 AppMATes	2011	\$19.99	Disney	http://appmates toys.com/index.html	N
	Bin-2?	Peregrine	2010		Iron Will Innovations	http://theperegrine.com/	N
	G-07	Slate Clip-On Controllers	2012		Microsoft Research Cambridge	John Helmes	N

	G-04	Modular Game Controller Prototype	2017		Microsoft Research Cambridge	John Helmes 3D Printed with articulated controls, and interchangeable components	N
	Misc-2	XBOX Adaptive Controller	2018		Microsoft		
	Misc-2	XBOX Adaptive Controller Accessories			Microsoft		

Remote Controls

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	RC-01	Mystery Control	1939		Philco	First wireless remote control for radios	N
	Filing Cabinet	Mystery Control Advertisement	1939	N/A	Bennett Brothers	Catalogue Philco Radios Page	N
	Filing Cabinet	Mystery Control Advertisement	1939	N/A	Saturday Evening Post	Philco Advertisement (February 18, 1939, p. 3)	N
	Filing Cabinet	Mystery Control Advertisement	1939	N/A	Saturday Evening Post	Philco Advertisement (December 9, 1939)	N

	RC-01	Tele-Zoom TV Remote Control	1949		Garod Radio Corporation	First TV remote control (contrary to conventional wisdom)	N
	RC-01	Lazy Bones Remote Control	1950	\$30.00	Zenith	Second (but often claimed to be 1 st) TV remote. But was first remote channel changer	N
		Lazy Bones Advertisement	1950		Saturday Evening Post		N
		Lazy Bones Advertisement	Jan. 1951				N
		Lazy Bones Advertisement					N

		Lazy Bones Advertisement			Naational Geographic		
	RC-01	Flash-Matic	1955		Zenith	First wireless TV remote control	N
	RC-01	Flash Gordon Signal Pistol	1935		Marx	Relates to design of Zentih FlashMatic Remote control	N
	RC-01	Space Commander 200 (1 st Generation)	1956		Zenith		N
	RC-01	Test Generator for Discriminator Alignment S40466	1956		Zenith		N
	RC-01	47/26 Tape Recorder Remote	1959		Vernon		N

	RC-01	Space Command 600-X	1973		Zenith		y
	RC-01	Cable Remote	1980	\$190	Viewstar		N
	RC-01	RMT-V5A Space Control	1990		Sony	(x2) Came with Sony Video Cassette Recorder SLV-R5UC	y
	RC-01 X2	RM-V30 Remote Commander	1994		Sony	Use as reference object for Rock'n Mouse 2 nd in original packaging	N
	RC-01	TV B Gone			Cornfield Electronics		N

	RC-01	Pronto TS1000 Intelligent Remote Control	1998	\$399.00	Philips		N
	RC-01	Pronto DS1000 Recharge Package	1998		Philips		N

Dials

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	Top Shelf east wall In small transparent plastic bin	50AL "Candlestick" Dial Phone	1919		Western Electric	First Western Electric dial phone. Includes the original subscriber set / ringer box.	N
	D-01	Model 302 Rotary Dial Phone	1937		Western Electric	Designed by Henry Dreyfuss First Western Electric integrated dial phone. Relate to 1939 Philco Mystery Control, the 1 st wireless radio remote control.	N
	In large format stack on office east shelf.	Advertisement in <i>Life Magazine</i> illustrating timeline of company's telephones.	1964	n/a	Western Electric	Helps set the Western Electric 50AL and 302 in historical context.	
		How to Use the Dial Telephone	~1937		Michigan Telephone		N

	RC-01	Mystery Control	1939		Philco	First wireless remote control for radios (Duplicate entry)	N
		Chronotherm Ad from Sat. Evening Post	1947		Honeywell	Example of thermostat design prior to Dreyfuss' round Filed with	
	D-01	The Honeywell Round, T86 Thermostat	1953	\$12.80	Honeywell	<ul style="list-style-type: none"> • T86 was original. • Was reference design for Nest Thermostat • Dreyfuss design 	
		Honeywell Round, T86 Thermostat Advert	1953		Honeywell	Life Magazine, Nov. 9, 1954, pp. 84-85 Also in Saturday Evening Post	
	Bin-6	New American Standard Thermostat			American Standard	Example of poor copy of the Honeywell round	

	Bin-6	RA 369 Remote Selector	1957		Dumont Laboratories	This is a television remote control which echoes the phone dial design see in the 1939 Philco "Mystery Controller" wireless radio remote control.	
	D-01	RM-E80 Video Editing Controller	1989		Sony		
	X2 1 st : JS-007 2 nd : D-01	Magellan / SpaceMouse Classic	1993	\$ 745.00	LogiCad3D / 3Dconnexion	Rebranded SpaceMouse in 2003	y
	D-01	Scrub-Wheel	1995/6	NFS	Alias Waveront		N
	D-01	Dial Box	?	?	Silicon Graphics (SG)		N

	D-01	AG-A350P Video Editing Controller	~1998?	\$1,050.00	Panasonic		
	D-01	PowerMate USB Controller	2001	\$45.00	Griffin Technology	https://web.archive.org/web/20011205085230/http://griffintechnology.com:80/audio/pwrmate.html	N
	D-01	Reactable Controllers	2003		Reactable	To come	
	D-01	Orbita Mouse	2009	\$98.50	Cyber Sport	(Duplicate entry)	y
	D-01	Learning Thermostat G1	2011	\$249.00	Nest	1 st Generation Q4 2001, Skew T100577 https://web.archive.org/web/20111122071351/http://www.nest.com/	N

	D-01	PowerMate Bluetooth Controller	2014	\$59.99	Griffin Technology		N
	D-01	Surface Dial Prototype	2016	NFS	Microsoft		N
	D-01	Surface Dial	2016	\$99.99	Microsoft		N
	D-01	Rotor Controller	2017	39.90 €	Reactable	http://reactable.com/product/rotor-controller-set/	N
	D-01	o6	2017	\$99.00	Fingertips Lab	https://www.o6app.com/	
	Bin-6	MuteMe	2021	\$39.00	MuteMe	About MuteMe When is a dial not a dial? A: the MuteMe button	

Miscellaneous

Photo	Code	Name	Year	Price	Company	Notes	Pivot ?
	RF-01 X2	Cyclometer			Lucas	This is part of the narrative thread which leads from the purely mechanical to mechanical/electronic (see next entry) through to digital as in Fit-Bit, and other fitness trackers. <ul style="list-style-type: none"> • 2nd NOS. Instructions clear and spoke activator included. 	
		Lucas Cyclometer Instruction Sheet				Came in box but very brittle paper, hence poor condition. Original is in white binder in transparent slip case, along with printed scan. The Cyclometer box has a printed copy.	
 Temp Photo	RF-01	Avocet 20 Cyclometer	1985	???	Avocet	First digital bike computer. Pioneered the digital fitness wearables, etc., such as the FitBit, step counters in our mobile phones, etc. Cyclometers (archive.org)	N
	MS-006	Allison/Sneldork Slider Box	1980		University of Toronto		y
	MS-011	Synsonics Drum	1981		Mattel Electronics	X2	y

	Misc-1	Compass 1101	1982	\$8150	GRiD	April 1982 release. No battery. Relied on plug-in mains for power.	N
	PC-06	Floppy Drive for Compass 1101	1982		GRiD	With DOS Disks	N
	Back top shelf in office	PC Convertible Model 5140	1986	\$1,995	IBM	1st IBM <ul style="list-style-type: none"> • Laptop • PC to run on batteries • To have 3.5" floppy drive(s) • Convertible – snap-on printer • First to use 3 ½" floppys • Convertible SMDs, .. 	N
	MS-003	ScanMan Handheld Scanner	1988		Logitech	If this is the ScanMan 32, it is 1988. See C7 mouse folder for timeline	y
	PC-05	GRiDCASE 1550sx	1990		GRiD	the first portable PC to be designed specifically to operate the MSWindows environment. Other firsts included optional CDROM and Gas Plasma VGA Display.	N

	MT-02	MM16 MIDI Manager Control	TBC	TBC	Penny+Giles Controls	Donation of Penny+Giles (Andrew Clarke) Uses 16 P+G PGF7000 Endless Belt Digital Controller. Compare to UofT slider Box and TASA Ferinstat	
	MT-02	Linear Servo Motorized Fader Module PGFM8100 D468078/1			Penny+Giles Controls		
	MT-01	Shape Tape	1993		Measurand		N
	HH-02	QuickTake 100	1994	\$749.00	Apple	Camera See write-up in Prichard 48 / pp204-205/	N

	MS-004	Hand Scanner PDN-1	1995		Sony		y
	MT-02	i-Cube Digitizer	1995	\$595 CAD	Infusion Systems	System (i.e., with sensors) is \$795.00 Interface for prototyping	N
	MT-02	FaderMaster	1993		JL Cooper		
	MS-009	FM³ MIDI Mixer	1996		JL Cooper		y

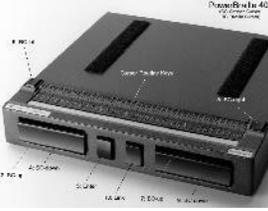
	MS-010	BB ³ MIDI Transport Controller	1996		JL Cooper		y
	Black Clysdale Case	Monkey	1990	???	Digital Image Design (DID)	Design by Brad Paley. Donated by Autodesk Research	N
	MS-007	CoolPix 100	1996	\$499.00	Nikon	First in Coolpix product line	y
	Under wkbench In black hard briefcase	RAT	(1990) 1996		digiRULE	https://web.archive.org/web/19961102113912/http://www.digirule.com/rat.html	N

	Low shelf east wall	MicroScribe MicroScribe 3DLX 3DLX	1997 (?)		MicroScribe LLC / Immersion Corp	Need to check date of manufacture w.r.t. date of merging the two companies	N
	HH-01	27 EXP Power Flash 1X Use Disposable Camera	2010 (???)		CVS	Look for Fujicolour quicksnap flash 1986 – Prichard 46 / p 196	N
	MS-001	iMac G5 Poster	August 2004		Apple	“From the creators of the iPod” (Note: the Apple II was launched in 1977)	y
	MS012(A) MS-012 (B)	RollerMouse Pro	2005	\$200.00	Contour Design		y
	HH-01 X2	CVS 230 One-Time-Use Video Camcorder	2005	\$29.99	Pure Digital Technologies	Both together	N

	HH-01	Point & Shoot Video Camcorder (model 225)	2006		Pure Digital Technologies	30 minutes. 1 st follow-on to CVS Released May 1 st X2 2 nd new in box. Be sure same model	N
		Smart Mill & Brew Model ME1MSB	2006	\$199	Melitta	Coffee Machine with integrated MS SPOT	N
	MS-005	Docupen Scanner	2007	\$299.00	PLANon		y
	MS-008	OLPC XO-1	2007	\$199	One Laptop Per Child		y

	HH-01	Flip Video Mino	2008	\$179.99	Pure Digital Technologies		N
	N-Kbd-06	Redfly Mobile Companion C8	2008	\$399	Celio Corp.	Price dropped to \$299, and then \$199. Bur remember, the iPhone!	N
	RF-01-009	Olympic Memory Stick Thumb Drive	2008		Lenovo		Y
	HH-01	Coolpix S1000pj	2009	\$429.95	Nikon		N

	N-Kbd-06	NomusNavigator	2010	????	Sun-Flex	See also <ul style="list-style-type: none"> Contour Roller-Mouse GRiDCASE 1550sx with Alps Isopoint 	
	RF-01 X2	iPad (G1)	2010		Apple	#1: In RF-01, in original box with cover #2: On shelf left of desk in cover	y
	PC-02-007	Nomad Brush	2011		Nomad Brush LLC		y
	TP-02	evoMouse	2011	\$79.99	Celluon	One 2008 web site, but no reviews till 2001	N
	D-01	Expert Kit	2018	\$299.99	Palette	Company name changed to Monogram monogramcc.com Monogram Creative Console	N

 <p>The image shows a PowerBraille 40 device, a specialized Braille printer. It is a dark-colored, rectangular unit with a keyboard-like interface on top and a Braille output tray on the front. The text 'PowerBraille 40' is visible on the top right of the device. There are also some smaller, less legible labels on the front panel.</p>	<p>PowerBraille 40</p>			<p>TeleSensory</p>	<p>Donated by Rick Baker (TWC) Microsoft</p>	
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Reference Material, Toys, ...

Photo	Code	Name	Year	Price	Company	Notes	Pivot?
	Bin-04	Brewster Pattern Lenticular Stereoscope	1849		Jules Duboscq		N
	Bin-04	The Stereoscope and the Stereograph	1859		The Atlantic Monthly	Holmes, Oliver Wendell (1859). The Stereoscope and the Stereograph. <i>The Atlantic</i> , June, 3(20), 738-748.	N
	Bin-04	Holmes-Bates Stereoscope	~1862		Joseph Bates		N
	Bin-04	Holmes - type Stereoscope	Circa 1870s-1900	????	Unknown	Later duplicate of Holmes-Bates device	N

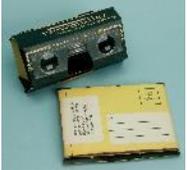
	In greenbinder	The Upper Yellowstone Falls	1872		Thomas Moran	From 1872 Hayden Expedition	
	KB1-001	Steno-type	1910		Grandjean		y
		Adverisment	1913		Stenograph	Stenograph Ad from Saturday Evening Post, Nov. 29, 1913, p. 51. 26.5 x 35 mm / 10.5" x 13.75"	
	MP-02	Vest Pocket Kodak Series III	1926	\$18.00			
	MP-02	Vanity Kodak (Cockatoo)	1928	\$30.00	Kodak	Price included matching case. Was coloured version of Vest Pocket Kodak Series III.	N

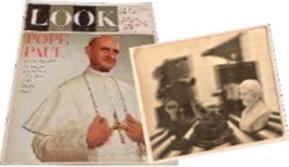
	MP-02	Vanity Kodak (Sea Gull)	1928	\$30.00	Kodak		N
	MP-02	Vanity Kodak (Redbreast)	1928	\$30.00	Kodak		N
	MP-02	Vanity Kodak (Bluebird)	1928	\$30.00	Kodak		N
	MP-02	Vanity Kodak (Jenny Wren)	1928	\$30.00	Kodak	Brown	N
	MP-02	Vanity Kodak Manual	1928		Kodak		N
		Vanity Kodak Redbreast (Red) Ad	1928	N/A	Scribner's, Oct. 1928	Advertisement for the Vanity Kodak, featuring the "Redbreast" (Red) model	N

		Vanity Kodak Cockatoo (Green) Ad	1928	N/A	?JYME?	Advertisement for the Vanity Kodak, featuring the "Cockatoo" (Green) model	N
		Vanity Kodak Sea Gull (Gray) Ad	1928	N/A	The Illustrated London News Dec 1, 1928	Advertisement for the Vanity Kodak, featuring the Sea Gull (Gray) model.	N
	HH-03	filoFax	1921/2001		filoFax	The PPA (Personal Paper Assistant) which was the strongest competitor to the PDA in the '80s through mid-2000's.	N
		Lazy-X Radio Ad	1933		Philco	Advertisement for the Philco Lazy-X Radio from National Geographic Magazine	N
		Lazy-X Radio Ad	1933		Philco	Advertisement for the Philco Lazy-X Radio from National Geographic Magazine	N

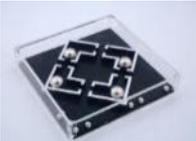
		Lazy-X Radio Ad	1933		Philco	Advertisement for the Philco Lazy-X Radio from National Geographic Magazine	N
		Arm Chair Radio Ad	1937		Zenith	Advertisement for the Zenith Arm Chair Radio	N
		Arm Chair Radio Ad	1938		Zenith	Advertisement for the Zenith Arm Chair Radio	N
		Arm Chair Radio Ad	1938		Zenith	Advertisement for the Zenith Arm Chair Radio	N
	Bin-4	Tru-Vue Viewer	1933		Tru-Vue Co.	Used film strips. Enabled narrative through sequencing 35mm meant large Strips awkward and fragile.	N

	Bin-4	View-Master Model A	1939	\$1.50		https://en.wikipedia.org/wiki/View-Master http://www.viewmaster.co.uk/htm/a.asp used 16mm Kodachrome film. Still enabled narrative But fragile film protected in round compact cardboard protector, which automatically cued sequence for replay at end.	N
		View-Master A	1944				N
	Bin-6	Big Ben Style 6 Loud Alarm	1949	\$5.45	Westclox	Instance of Dreyfuss design language as in Round Thermostat	
		PERKINS BRAILLER	1951		Perkins School for the Blind	1 st shown in 1939; however, WWII delayed production until 1951. Production continued through 2008. N	
	White Collection Ads etc. Binder	Mighty Mouse #1 Comic Book	1953	\$0.25	St. John	1 st 3-D Comic, as well as the first Mighty Mouse comic.	N

	On Office Wall	Wafer Model SK 174 Kitchen Clock	1953		Ingraham Company	Designed by Henry Dreyfuss 190.5 x 180.1 x 70.0 mm 7.5 x 7.125 x 2.75 in Instance of Dreyfuss design language as in Round Thermostat	N
	Bin-4	Viewmailer	1954		Halladay Company		N
	MP-01	TR-1	1954	\$4995	Regency	First portable transistor radio.	N
	Bin-4	Tru-View Card Viewer	1955	\$1.49	Sawyersi8998777ui	Card Viewer Tru-View bought by Sayers in 1951	N
	MP-01	TR-63 Transistor Radio	March 1957	\$39.95	Tokyo Tsushin Kogyo Co. (Sony)	First transistor radio made by Sony which was sold outside of Japan. At time, world's smallest transistor radio. From 1955- 1958, Sony was brand name, not yet the name of the company.	N
	MP-01	T3 Transistor Radio	1958	DM 120 = \$28.57 US	Braun	1958 exchange rate: 4.2 DM = \$1 US Designed by Dieter Rams, head of ID at Braun and Ulm Hochschule fur Gestaltung, (8.3 x 15.2 x 4.1 cm / 3 14/4 x 6 x 1 5/8")	y

	RF-01-006	Etch-a-Sketch	1960	\$2.99	Ohio Art Company		y
	Bin-5	MS-1 Mirror Stereoscope	1960		Q.O.S. Corp.	Aerial Photography Stereoscope	N
	Bin-4	Pocket Stereoscope	Unknown		Dendrotik	Aerial Photography Stereoscope	
	MT-01	68-110 10	1962	\$25.00	DECI-LON	10" General Purpose Slide Rule with leather case	N
		Parallax Panoramagram	1964	\$0.25	Look Magazine, Feb. 25, 1964	The first mass-printed autostereographic image (over 8 million copies)	N
		Colour Parallax Panoramagram	1964	\$0.25	Look Magazine, April 7, 1964	first all-colour mass printed, autostereographic photograph	N

	KB2	Labelmaker	1966		Dymo	Modern incarnation of vintage index writing machines	N
		Olivetti Portable Typewriter Ad	1970		New Yorker		N
	Bin-4	View-Master Model L	1977		GAF		N
	RF-01-007	Skedoodle	1979		Hasbro		y
		Braille Writer	1980-84		Mechanische Werkstatt für der DDR		
		CZ-101	1984		Casio		N

	RF-01-008	Lights Alive	1986		Tomy		y
		Phantom Chess Set Model 6100	1988		Fidelity International		y
	HH-01	Photo CD	1992		Kodak	<p>Find mine! https://en.wikipedia.org/wiki/Photo_CD The 1993 Apple Color Printer was their 1st inkjet color printer / Quicktake 1994 ColorOne Scanner 1991 was first Apple color scanner 1st gen display: Monitor 100 (max 560x192). Only 1998, late 3rd generation, that G3 All-in-One started to get reasonable 1024x768 (still low by today's standards).</p>	N
	RF-01-013	Crazy Maze Puzzle No. 4	1998		Loncraine Broxton		y
	RF2-001	Odyssey Atlasphere	1997 (1998)	\$299.00 (\$399.00)	Explore Technologies (LeapFrog Enterprises)		y
	RF-03	JXLTV	2003		Jeep Electronics	Cardboard box 003 (x2) RF-03 in original box	y

	N-Kbd-05	Telegraph Keypad			Unknown	Example of single key "typewriter" Time vs space multiplexing	y
		Master Model Four Stenotype	1927		Stenotype		N
	MI-03	Stenotype Machine			Palantype		y
		Shorthand recorder	Circa 1975		Stenotype	N	N
	MI-033-005	Vintage Rolodex			Rolodex		y
	RF-01-014	Classic SD		\$25.00	Victorinox		y
	RF-01-015	Ranger		\$79.00	Victorinox		y

	RF-01-016	SwissChamp XAVT	2010	\$448.00	Victorinox		y
	MT-01	Magic Slate				Toys – to hand out Reference objects to contextualize Boogie Boards	
	Bin-04	Mirage Camera	2017	\$299.00	Lenovo	first 180-degree VR 3D camera	

Purged from Collection

		CA-951 Multi-Alarm Watch	1982		Casio	4 alarms / 2 melodies Module 166 Previously used in "what is a touch interface?" narrative LCD has gone blobby	P
	PD-026	Palm Vx	1999	\$399.00	3Com	More memory. 1 gram lighter https://www.geek.com/hwswrev/pda/palmvx/ Oct release Packed with V	P
	PD-007 HH-02	Palm Pilot Professional	1997	\$299.00	Palm (US Robotics)	One in HH-02 is my original. Not sure if PD-007 is valid. Check.	P
	PD	m515	2000		Palm	Colour version Memory expansion	P
	HH-03	Tungsten E	Oct 2003	\$199	Palm		N
	Purged bin	Mini-Input	2006	\$59.95	Adesso Inc.	This is a renamed 2006 version of the 2003 Adesso Mini-Touch Keyboard. The difference is that this has a USB connector and different branding.	

	Bin-6	Round Thermostat T86A 3097			Honeywell		
	Bin-6	Wireless Keyboard			Fujitsu	To Purge	
	TP-01-006	Touch Pad			Unknown		y
	RF-01 x2	QuickSnap Waterproof 35mm 800 Disposable Camera	2010	\$29.00 CAD	FUJIFILM	X2 Fujifilm QuickSnap Waterproof Disposable Camera, 27 Exposures - Walmart.ca	N
	JS-02	Spaceball 2003		\$1595.00	Spaceball Technologies Rebranded Hewlett Packard (HP)	Replaced by original branded in much better condition	