ABS Plastic Hand Held/Instrument Enclosures *1593 Series*

PCB Enclosures w/ Removeable End Panels, Battery Compartments









RoHS

Key Features:

- Electronic instrument enclosures, ideally suited for mounting printed circuit boards.
- Ergonomically designed for a comfortable fit into the user's hand.
- Versions without a battery door are designed to meet IP54 ratings.
- Recessed top for membrane display or pad.
- "Three snap" battery door designed for long life.
- Molded in a choice of black, grey, or transparent blue general purpose ABS plastic with a satin texture.
- Unit is secured with self-tapping screws.
- Black and transparent blue enclosures include black finish screws. Grey enclosures include nickel finish screws.





Notes:

- Due to their low profile design, the 1593S and 1593T models will only accept AAA batteries. The two AAA battery holder kit (below) is the largest holder that will fit.

Contoured Panel Option

Sizes K, L, N, D, and X come with flat and contoured panels to match the profile of the case.



Battery Compartment Style

Sizes S, P, T, Q, and Y come with an integrated battery compartment and door.



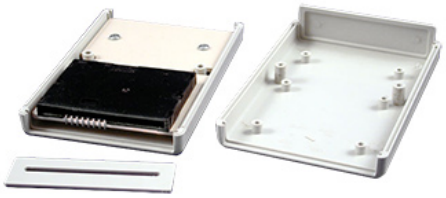
No Panels (Size J Only)



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Application Spotlight: Smart Card Reader

1593N sizes are designed to house smart card readers (shown with modified end panel).



1593 Series Accessories

Infrared Panels

Sold in packs of 10 panels. See tables below for compatibility.



PC Board

See tables below for compatibility.



Aluminum End Panels

Supplied with plastic protective covering. See tables below for compatibility.



Belt Clip

Plastic clip with nylon screws (for insulation). Includes a drill template for mounting.

1599CLIP (black)

1599CLIPGY (gray)



Enclosure Part Numbers

Part Number Black	Part Number Gray	Part Number Trans Blue	Removable Panels	Battery Door	Length	Width	Depth
1593VBK	1593VGY	1593VTBU	2	No	105	60	35
1593KBK	1593KGY	1593KTBU	2	No	66	67	28
1593JBK	1593JGY	1593JTBU	0	No	66	66	28
1593ARBK	1593ARGY	1593ARTBU	2	No	74	76	27
1593SBK	1593SGY	1593STBU	1	Yes	92	67	21
1593PBK	1593PGY	1593PTBU	1	Yes	92	67	28
1593LBK	1593LGY	1593LTBU	2	No	92	66	28
1593BBBK	1593BBGY	1593BBTBU	2	No	95	77	30
1593NBK	1593NGY	1593NTBU	2	No	111	75	25
1593WBK	1593WGY	1593WTBU	2	No	110	105	35
1593TBK	1593TGY	1593TTBU	1	Yes	112	67	21
1593QBK	1593QGY	1593QTBU	1	Yes	112	67	28
1593DBK	1593DGY	1593DTBU	2	No	114	36	26
1593YBK	1593YGY	1593YTBU	1	Yes	140	66	28
1593XBK	1593XGY	1593XTBU	2	No	140	66	28

Replacement Screws & Accessories

Enclosure Part Number Beginning With	Silver Assembly Screws (100-pack)	Black Assembly Screws (100-pack)	PC Board Mounting Screws (50-pack)	IR Panels (10-pack)	Aluminum Panels (10-pack)	PC Board (enclosure sold separately)
1593K	1593QS100	1593QS100BK	1593ATS50	1593PIR10	1593PAL10	1593KPCB
1593J	1593QS100	1593QS100BK	1593ATS50			
1593AR	1591TS100	1591TS100BK	SC519-50	1593ARIR10	1593ARAL10	
1593S	1593MS100	1593MS100BK	1593ATS50	1593SIR10	1593SAL10	
1593P	1593QS100	1593QS100BK	1593ATS50	1593PIR10	1593PAL10	1593PPCB

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Enclosure Part Number Beginning With	Silver Assembly Screws (100-pack)	Black Assembly Screws (100-pack)	PC Board Mounting Screws (50-pack)	IR Panels (10-pack)	Aluminum Panels (10-pack)	PC Board (enclosure sold separately)
1593L	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593PIR10**	**1593PAL10**	**1593LPCB**
1593BB	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593BBIR10**	**1593BBAL10**	
1593N	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593NIR10**	**1593NAL10**	
1593T	**1593MS100**	**1593MS100BK**	**1593ATS50**	**1593SIR10**	**1593SAL10**	
1593Q	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593PIR10**	**1593PAL10**	**1593QPCB**
1593D	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593DIR10**	**1593DAL10**	
1593Y	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593PIR10**	**1593PAL10**	
1593X	**1593QS100**	**1593QS100BK**	**1593ATS50**	**1593PIR10**	**1593PAL10**	
1593V	**1593QS100**	**1593QS100BK**	**1593ATS50**		**1593VAL10**	
1593W	**1593QS100**		**1593ATS50**		**1593VAL10**	

1591TS100 and 1591TS100BK are #4 x ½” (12.7mm) flat head self-tapping screw. 1593MS100 and 1593MS100BK are self-tapping, oval head type, #4 x 0.625” (15.9 mm). 1593QS100 and 1593QS100BK are self-tapping, oval head type, #4 x 0.75” (19.1 mm). SC519-50 is M2.6 x 0.6mm pan head. 1593ATS50 is #4 x 1/4" pan head and also available in packs of 100 (1593ATS100).

Tags: **ABS**, **plastic**, **end panels**, **PCB**, **battery**, **handheld**, **instrument**

Data subject to change without notice.

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