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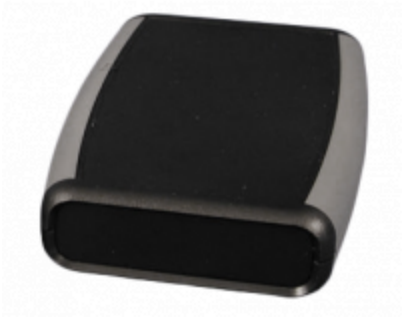
ABS Plastic Hand Held Enclosures *1553 Series*

Soft Sided, Ergonomic Comfort, Battery Compartments



RoHS

Key Features:

- Ergonomically designed for handheld comfort.
- All sizes except 1553AA and 1553A available with or without battery compartment.
- Molded in general purpose ABS plastic with a soft plastic overmold for comfortable grip.
- Top cover is recessed for membrane display or keypad.
- PC board standoffs are molded into case.
- Includes removable front panel (except 1553AA and 1553A sizes) and assembly hardware.
- Battery door and compartment version includes 4x battery clips (for 2x AA batteries) and 1x 9 volt (PP3) battery clip.
- Gray 1553 series enclosures include nickel plated screws. All other colors use black screws. Refer to product datasheets for correct part numbers.
- PC Board mounting screws are not included. Order part number **1593ATS50** (pack of 50) or **1593ATS100** (pack of 100).
- Versions without a battery door are designed to meet IP54 ratings.
- For similar enclosures designed for water-tight applications, try series **1553W.**
- **Some chemicals can damage or weaken plastic. Please read our Chemical Resistance Statement under Downloads for more information.**

Photo Features:

Perfect for handheld use.

Battery version comes with clips for AA and 9V.

Additional Color Combinations Available

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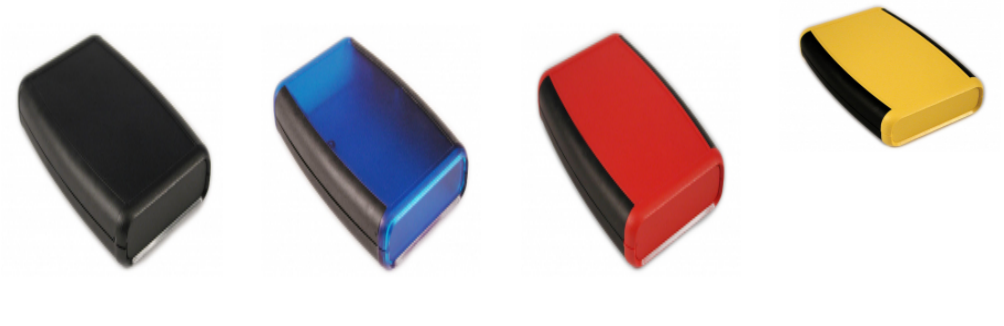

Accessories:

ProtoBoard Printed Circuit Boards:

- High quality FR4 glass epoxy board
- Mounting screws included
- Lead free etched copper PCB with a flux coating for easy soldering
- 0.042" holes drilled on 0.1" centers
- For more information, see the BusBoard Prototype Systems (BPS) website at **www.busboard.com**

1553BPCB - designed for 1553 sizes "B" and "C"
Note: not compatible with battery compartment versions

1553DBPCB - designed for all 1553 size "D"

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Belt/ Pocket Clip Option:

- Molded from tough nylon
- Includes 2x nylon screws (insulated to avoid interference)
- Mounting template included (user drilling required)

1599CLIP (black)

1599CLIPGY (gray)

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IR End Panels

- Replaces existing front plastic panel
- Dark red plastic filter is transparent to IR

For all 1553 "B" sized enclosures - Part Number **1553BIR-BULK**

For all 1553 "D" sized enclosures - Part Number **1553DIR-BULK**

Single End Panel

	Enclosure	Overmold	Overall Dimensions			Max. P.C. Board		Replacement
Part Number	Color	Color	Length	Width	Depth	Length	Width	Lid Screws
1553AABK	Black	Grey	75	50	17	69	42	SC1553A100BK
1553AAGY	Grey	Grey	75	50	17	69	42	SC1553A100
1553ABK	Black	Grey	100	87	17	95	49	SC1553A100BK
1553AGY	Grey	Grey	100	87	17	95	49	SC1553A100
1553BBK	Black	Grey	117	79	24	105	61	1593QS100BK
1553BGY	Grey	Grey	117	79	24	105	61	1593QS100
1553BBKBK	Black	Black	117	79	24	105	61	1593QS100BK
1553BTBUBK	Trans Blue	Black	117	79	24	105	61	1593QS100BK
1553BRDBK	Red	Black	117	79	24	105	61	1593QS100BK
1553BYLBK	Yellow	Black	117	79	24	105	61	1593QS100BK
1553CBK	Black	Grey	117	79	32	109	69	SC1553C100BK
1553CGY	Grey	Grey	117	79	32	109	69	SC1553C100
1553DBK	Black	Grey	147	89	25	139	74	1593QS100BK
1553DGY	Grey	Grey	147	89	25	139	74	1593QS100
1553DBKBK	Black	Black	147	89	25	139	74	1593QS100BK
1553DTBUBK	Trans Blue	Black	147	89	25	139	74	1593QS100BK
1553DRDBK	Red	Black	147	89	25	139	74	1593QS100BK
1553DYLBK	Yellow	Black	147	89	25	139	74	1593QS100BK

Dual End Panel

	Enclosure	Overmold	Overall Dimensions			Max. P.C. Board		Replacement
Part Number	Color	Color	Length	Width	Depth	Length	Width	Lid Screws
1553BXBK	Black	Gray	117	79	24	105	70	1593QS100BK
1553BXGY	Grey	Gray	117	79	24	105	70	1593QS100
1553CXBK	Black	Gray	117	79	32	108	69	SC1553C100BK
1553CXGY	Grey	Gray	117	79	32	108	69	SC1553C100
1553DXBK	Black	Gray	147	89	25	138	79	1593QS100BK
1553DXGY	Grey	Gray	147	89	25	138	79	1593QS100

With Battery Doors & Compartments

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Part Number	Enclosure Color	Overmold Color	Overall Dimensions Length	Overall Dimensions Width	Overall Dimensions Depth	Max. P.C. Board Length	Max. P.C. Board Width	Replacement Lid Screws
1553BBKBAT	Black	Gray	117	79	24	78	67	**1593QS100BK**
1553BGYBAT	Grey	Gray	117	79	24	78	67	**1593QS100**
1553BBKBKBAT	Black	Black	117	79	24	78	67	**1593QS100BK**
1553BTBUBKBAT	Trans Blue	Black	117	79	24	78	67	**1593QS100BK**
1553BRDBKBAT	Red	Black	117	79	24	78	67	**1593QS100BK**
1553BYLBKBAT	Yellow	Black	117	79	24	78	67	**1593QS100BK**
1553CBKBAT	Black	Gray	117	79	32	78	69	**SC1553C100BK**
1553CGYBAT	Grey	Gray	117	79	32	78	69	**SC1553C100**
1553DBKBAT	Black	Gray	147	89	25	107	74	**1593QS100BK**
1553DGYBAT	Grey	Gray	147	89	25	107	74	**1593QS100**
1553DBKBKBAT	Black	Black	147	89	25	107	74	**1593QS100BK**
1553DTBUBKBAT	Trans Blue	Black	147	89	25	107	74	**1593QS100BK**
1553DRDBKBAT	Red	Black	147	89	25	107	74	**1593QS100BK**
1553DYLBKBAT	Yellow	Black	147	89	25	107	74	**1593QS100BK**

Extra End Panels (10-packs)

Enclosure Size	Black	Gray	Red	Translucent Blue	Yellow
1553B	**1553BPLBK-10**	**1553BPLGY-10**	**1553BPLRD-10**	**1553BPLTBU-10**	**1553BPLYL-10**
1553C	**1553CPLBK-10**	**1553CPLGY-10**			
1553D	**1553DPLBK-10**	**1553DPLGY-10**	**1553DPLRD-10**	**1553DPLTBU-10**	**1553DPLYL-10**

Extra Battery Doors (5-packs)

Enclosure Size	Black	Gray	Red	Translucent Blue	Yellow
All 1553s with battery doors	**53BATDOORBK-5**	**53BATDOORGY-5**	**53BATDOORRD-5**	**53BATDOORTBU-5**	**53BATDOORYL-5**

Tags: **plastic**, **handheld**, **rubber sides**, **PCB**, **battery**, **soft sided**

Data subject to change without notice.

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