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## ABS Plastic Hand Held/Instrument Enclosures 1593AL Series

With Aluminum End Panels, Battery Compartments

### 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 keypad.
- Units with battery door use our long life "three snap" door.
- Lap joint construction provides protection against dust accumulation and splashing water.
- Molded in a choice of black, grey, or transparent blue general purpose ABS plastic with a satin texture.
- Includes one or two aluminum end panels (see table below).
- Unit is secured with self tapping screws.
- Black and transparent blue enclosures include black screws, grey includes nickel finish screws.



### 1593 Series Accessories

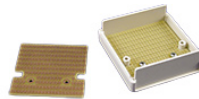
#### Infrared Panels

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)



| Part Number<br>Black | Part Number<br>Gray | Part Number<br>Trans Blue | Removable<br>Panels | Battery<br>Door | Length (mm) | Width (mm) | Depth (mm) |
|----------------------|---------------------|---------------------------|---------------------|-----------------|-------------|------------|------------|
| 1593KALBK            | 1593KALGY           | 1593KALTBU                | 2                   | No              | 66.00       | 67.00      | 28.00      |
| 1593ARALBK           | 1593ARALGY          | 1593ARALTBU               | 2                   | No              | 74.00       | 76.00      | 27.00      |
| 1593SALBK            | 1593SALGY           | 1593SALTBU                | 1                   | Yes             | 92.00       | 66.50      | 21.00      |
| 1593PALBK            | 1593PALGY           | 1593PALTB                 | 1                   | Yes             | 92.00       | 66.50      | 28.00      |
| 1593LALBK            | 1593LALGY           | 1593LALTBU                | 2                   | No              | 92.00       | 66.00      | 28.00      |
| 1593BBALBK           | 1593BBALGY          | 1593BBALTBU               | 2                   | No              | 95.00       | 77.00      | 30.00      |

| Part Number<br>Black | Part Number<br>Gray | Part Number<br>Trans Blue | Removable<br>Panels | Battery<br>Door | Length (mm) | Width (mm) | Depth (mm) |
|----------------------|---------------------|---------------------------|---------------------|-----------------|-------------|------------|------------|
| 1593NALBK            | 1593NALGY           | 1593NALTBU                | 2                   | No              | 111.00      | 75.00      | 25.00      |
| 1593TALBK            | 1593TALGY           | 1593TALTBU                | 1                   | Yes             | 112.00      | 66.50      | 21.00      |
| 1593QALBK            | 1593QALGY           | 1593QALTBU                | 1                   | Yes             | 112.00      | 66.50      | 21.00      |
| 1593DALBK            | 1593DALGY           | 1593DALTBU                | 2                   | No              | 114.00      | 36.00      | 26.00      |
| 1593YALBK            | 1593YALGY           | 1593YALTBU                | 1                   | Yes             | 140.00      | 66.00      | 28.00      |
| 1593XALBK            | 1593XALGY           | 1593XALTBU                | 2                   | No              | 140.00      | 66.00      | 28.00      |

Replacement Screws & Accessories

| Enclosure Part Number<br>Beginning With | Silver Assembly<br>Screws (100-pack) | Black Assembly<br>Screws (100-pack) | PC Board Mounting Screws<br>(50-pack) | IR Panels<br>(10-pack) | Aluminum Panels<br>(10-pack) | PC Board<br>(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                                |
| 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                    |                                         |

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

Data subject to change without notice

# Mouser Electronics

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