

Handheld enclosures modeled for the hand

Inspired by the touch sensation, the design of the BLOB family of plastic enclosures is entirely focused on the needs of the user.

- high level of practical value thanks to a convincing touch sensation; the user's hands intuitively grasp the enclosure in the correct way
 - * iF product design award 2014 | German Design Award 2015 *
- the enclosures are designed to provide an natural grasp position which guides the operator's hands to the controls
- · gentle and at the same time rugged
- · huge number of possible applications
- 3 types
- UNIT for single handed operation with keypad area and grip
- CONTROL can be held with one hand and operated with the other. Separate keypad, activation and grip
 areas
- PANEL for handheld or desktop use. With keypad, activation and two grip areas
- battery clips and ø 0.472"-0.906" button cells can be accommodated
- · cable glands can be fitted at any position on the circumference of the enclosure
- · recessed operating area for protecting the membrane keypad or decorative foil/label
- · ABS (UL 94 HB), two colors
- optional IP 54 sealing kit
- · internal screw pillars for PCBs

Designer Statement

"'Wow, this fits your hand perfectly!', was the first comment on this mobile product with universal design. The intelligent form of BLOB was created by optimising ergonomic requirements. Whether young or old, everyone should be able to use these handheld enclosures intuitively. They are also flexible enough to accommodate a wide variety of applications and needs of the user. Where does the name come from? From architecture: Blob stands for 'Binary Large OBject', a teardrop-shaped connection that can be formed in an unlimited number of ways."

Martin Nußberger, polyform Industrie Design





















Applications and Examples

Following the principles of "Universal Design", BLOB supports applications that are flexible enough to meet the needs of a large number of people with different hand sizes and grasping volumes. For many different kinds of user-oriented applications, wireless or with cable. As self-sufficient or complementary units, or in a network with other equipment. Diagnostics, therapy, laboratory, industry, office, household and leisure time.



Biofeedback through vibration



HAUX Patient Entertainment remote control



Manual control for gentle colonoscopy



Registration system for kindergartens



RoyalGPS for precise position detection



View Customizing Options

What do you still need for your own very personal product? We can supply enclosures and tuning knobs with all necessary modifications for fitting your electronic components.

Customizing options for Blob



Machining



Lacquering



Printing



Laser marking



Decor foils



Special material



RFI/EMI shielding



Installation / Assembly of accessories

Select Versions



B2510107 BLOB UNIT ABS (UL 94 HB) off-white RAL 9002 5.12"x2.36"x1.18" IP 54 opt.



B2510108 BLOB UNIT ABS (UL 94 HB) lava 5.12"x2.36"x1.18" IP 54 opt.



B2512107 BLOB CONTROL ABS (UL 94 HB) off-white RAL 9002 4.49"x2.99"x1.22" IP 54 opt.



B2512108 BLOB CONTROL ABS (UL 94 HB) lava 4.49"x2.99"x1.22" IP 54 opt.



B2514107 BLOB PANEL ABS (UL 94 HB) off-white RAL 9002 7.87"x6.50"x1.42" IP 54 opt.



B2514108 BLOB PANEL ABS (UL 94 HB) lava 7.87"x6.50"x1.42" IP 54 opt.



Accessory "battery"



A9193033 Polarity reversal protection device, positive terminal AA ABS (UL 94 HB) off-white RAL 9002



A9193034
Polarity reversal protection
device, positive terminal AAA
ABS (UL 94 HB)
off-white RAL 9002



A9193035 Battery clip, AA Steel nickel-plated



A9193036 Battery clip, AAA Steel nickel-plated



A9193037 Button cell holder, Ø 0.787"



A9193038 Button cell holder, Ø 0.906"

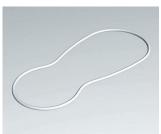


A9193039 Button cell holder, Ø 0.472"



A9193040 Button cell holder, Ø 0.630"

Accessory "protection"



B2610001 Sealing Unit



B2610101 Cable strain, 0.197" - 0.232" TPE volcano



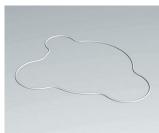
B2610111 Cable strain, 0.165" - 0.197" TPE volcano



B2610121 Cable strain, 0.134" - 0.165" TPE volcano



B2612001 Sealing Control



B2614001 Sealing Panel



Accessory "screws"



A0305031 Self-tapping screws 0.098" x 0.236" (PZ1)

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