

# Small LCD Mobile Enclosures

## Version I

Top with closed operating area, recessed by 0.07".

## Version II

Top with display cutout for LCD modules with 2 lines x 16 characters. Window size 1.79" x 0.70".

## Version III

Top with display cutout for compact LCD modules with 2 lines x 20 characters. Window size 1.76" x 0.36"

## Version IV

Top with display cutout for LCD modules with 4 lines x 16 characters. Window size 1.76" x 0.69".

## Case Assembly

Case is assembled by 4 self-tapping screws. Battery compartment lids are secured by 2 M3 screws. Display windows must be properly sealed to provide protection to meet NEMA 4 / IP65 specifications.

## Accessories

- NEMA 5 / IP654 sealing kits
- Battery clip set
- Snap-on Connector for 9V battery
- Tilt foot bar
- Battery door spacer
- Height Expander Strip

## Stock Colors

Off-White: Pantone Cool Gray 1C  
 Black: Pantone Black 7C 2X  
 Gray: Pantone Cool Gray 10C  
 Special Order

See Page 39 for Color Chart

*Custom colors available*

*All cases in a fine textured surface*

## Stock Materials

ABS (UL 94 HB)  
 ABS (UL 94 VO)

*Special materials available*

## Optional Orange Rubber Boot

The optional rubber boot provides extra protection for your finished unit. It also has an integrated **Tilt/Carry/Hang Handle Feature** molded in.

## Insert Molding

Custom insert molding within recessed area can significantly reduce machining costs for many applications. An insert area is also available on the top end of the case. Call for minimum quantities.



## DESIGN FEATURES

Small hand-held case of attractive design. Integrated battery compartment for two 4 x 1.5V AA cells or 2 x 9V cells. Also available without battery compartment. Robust and sealed up to NEMA 4/IP65. Recessed control area to protect the membrane keypads.

**NEW-** Height Expander Strip option increases listed heights by 0.39".  
**NEW-** See Page 9 for two new sizes.

### Dimensions and Part Numbers for Small LCD Mobile Enclosures

Version	Outside Dimensions L x W x H In Inches	Display Cutout Dimensions In Inches	Part Number With Battery Compartment		Part Number Without Battery Compartment	
			Off-White Cases	Black Cases	Off-White Cases	Black Cases
I	5.98" x 3.27" x 1.32"	none	MBS-107	MBS-109	MBS-117	MBS-119
II	5.98" x 3.27" x 1.32"	1.79" x 0.70"	MBS-207	MBS-209	MBS-217	MBS-219
III	5.98" x 3.27" x 1.32"	1.76" x 0.36"	MBS-307	MBS-309	MBS-317	MBS-319
IV	5.98" x 3.27" x 1.32"	1.76" x 0.69"	MBS-407	MBS-409	MBS-417	MBS-419

To order the MBS series case without sure-grip ribs on the bottom of the case, change the second number of the part number to a 3. Example: MBS-209 becomes a MBS-239. This allows for a label or sticker on back of case.

### ACCESSORIES

Article	Color	Application/Description	Part Number
Rubber Sealing Kit	Gray	2 O-rings for sealing up to NEMA 4/IP65	ASK-73
Set of Battery Clips	Nickel Plated	For 2 x 1.5V AA Batteries	ABC-03
Snap-on Connector	Blue or Black	For 1 x 9V Battery	ABC-06
Height Expander Strip	Any Color	Increases case height by 0.39"	HES-73