



Variable message signs

Part 2: Portable signs



AS 4852.2:2019

This Australian Standard® was prepared by LG-006, Road Traffic Signals. It was approved on behalf of the Council of Standards Australia on 26 November 2019.

This Standard was published on 13 December 2019.

The following are represented on Committee LG-006:

- Australian Industry Group
- CIE Australia
- Department of Planning, Transport and Infrastructure (SA)
- Department of Transport and Main Roads (QLD)
- Hire and Rental Industry Association of Australia
- Intelligent Transport Systems Australia
- Main Roads Western Australia
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- Traffic Management and Safety — Roads ACT
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This Standard was issued in draft form for comment as DR AS 4852.2:2019.

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ISBN 978 1 76072 664 5

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First published as AS 4852.2—2009.
Second edition 2019.

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Preface

This Standard was prepared by the Standards Australia Committee LG-006, Road Traffic Signals, to supersede AS 4852.2—2009, *Variable message signs, Part 2: Portable signs*.

The objective of this Standard is to specify the requirements for the design and performance of variable message portable signs.

The AS 4852 series covers requirements for the construction and performance of electrically powered variable message signs based on light-emitting diode technologies in a matrix configuration that are intended to be used for road traffic management. These signs are expected to provide real-time information on the oncoming road in the transportation network. The series consists of two standards:

AS 4852.1, *Variable message signs, Part 1: Fixed signs*

AS 4852.2, *Variable message signs, Part 2: Portable signs*

The major changes in this edition are as follows:

- (a) Options for increased resolutions.
- (b) Changes to methods of specifying text dimensions.
- (c) Dimming level values aligned with sign illuminance.
- (d) Upwards light not required.
- (e) Dimming step duration changed to 5–15 s.
- (f) Local control port may also be RS485 or Ethernet.
- (g) Alarm and Event logs to be readable via Product Host Control system.
- (h) Sign only required to be provided with standard size font sets 1 and 2.
- (i) For the pixel element service life, luminance degradation below the minimum tabled values is not permitted.

The use of any signs, including variable message signs, for road traffic management is subject to regulation by traffic control authorities. Guidance on and requirements relating to their use are provided in the AS 1742 series.

The terms “normative” and “informative” are used in Standards to define the application of the appendix to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.