



IMPORTANT MAINTENANCE NOTES

Disconnect power when servicing or maintaining the display.

MAINTENANCE

Normal maintenance includes washing off dust with a damp cloth. Use plenty of water with a mild detergent. Avoid scratching the surface.

REPAIR

All parts of the display is field repairable. However you are advised to contact factory for specific instructions for repair. Make sure you maintain all approvals when replacing failing parts.

Factory repair ensures a period of 6 months limited warranty.

SERVICE AND CONTACT INFORMATION

Norsk Display AS
Pettersvollen 3
N-3032 Drammen
Norway

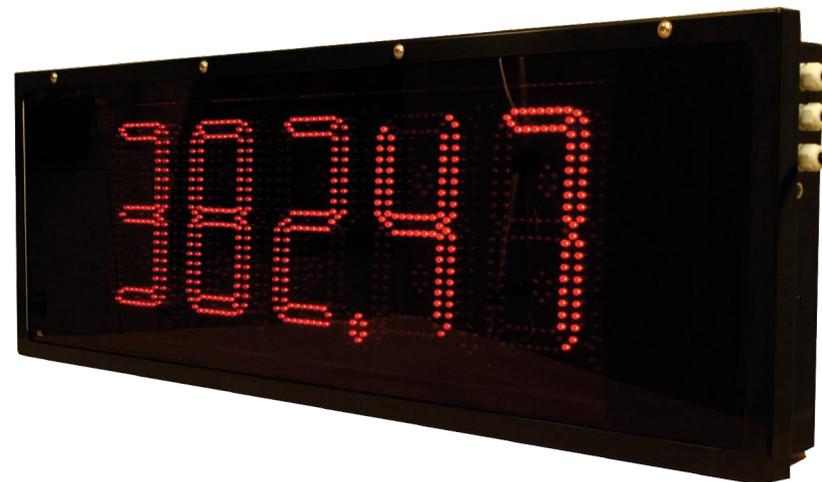
Tel: +47 3288 7000
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e-mail: sales@norskdisplay.com
web pages: <http://www.norskdisplay.com>

This product is tested to comply with CE requirements. We strive to deliver green products that is more environment friendly than current legislation demand.

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ND7028 Nx/1-200 Display



user's guide

QUICK DATA

Display	205 mm high impact LED digits 1 to 8 digits Standard red LEDs with 30° intensity cone Automatic intensity adjustment
Interface	Field selectable RS-232, RS485 and 20mA TTY Automatic detection of communication speed and a host of different protocols. Manual override
Connection	Cable glands and internal terminals Grounding
Power	85-240VAC/max 70W or 24VDC selectable
Casing	Lacquered aluminium IP65 sealing for outdoor use

Other display configurations available on request.

ND2005Oct07



norskdisplay

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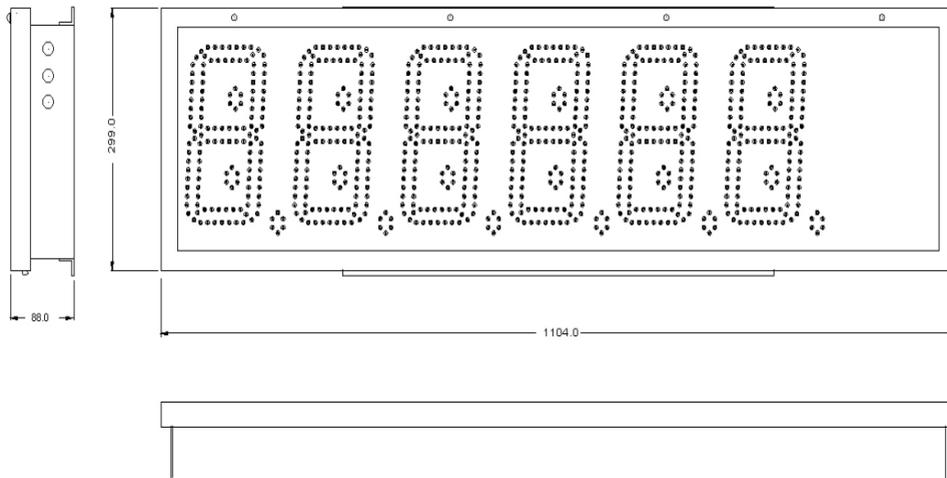
IMPORTANT INSTALLATION NOTES

The enclosure must be connected to Protective Earth. This is vital for safe operation. Failure to observe correct grounding may cause serious injury or death.

Grounding is further vital for full CE-compliance and must be provided for correct operation.

Disconnect power when servicing the display.

DIMENSIONS in metric millimeters



MECHANICAL MOUNTING

When mounting the display, use as large as possible bolts for fixing to a rigid flat surface.

If possible tilt the display downwards to maximize legibility where the reader is. Tilting the display decreases high intensity reflections and improves contrast. Sun hood is normally not needed.

NORMAL POWER-UP

When power is applied, the display should respond by a sequence of control messages like software number, baud rate and address. After the short start-up formality, display is blanked, filled with decimal points or zeroed.

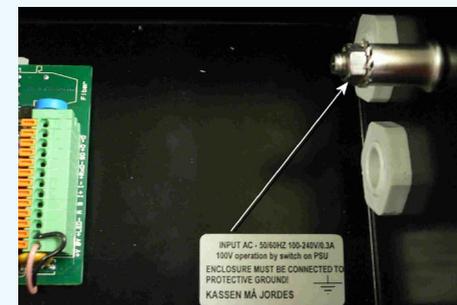
For automatic settings and other controller card specific features, the behaviour may differ. Consult the actual User's Guide for the installed card.

POWER CONNECTION

Connect the power line to the supply and make sure to use proper grounding.



Check that the ground terminal on the power supply is connected to your system safety ground. Note that you may alternatively use the outside ground terminal (M6x15 screw)



- UNUSED CABLE GLANDS MUST BE BLOCKED.
- THIS UNIT SHOULD PREFERABLY ALWAYS BE POWERED TO AVOID CONDENSATION