

DF11

DRIVER FEEDBACK SIGN

Escalate warning message from speed feedback display to slow down utilizing dynamic beacons to enhance message.



Compact, robust and highly mobile speed feedback device, the DF11 utilises a discrete integrated radar combined with a two-digit 7-segment display. Portable due to it's lightweight design makes the DF11 a cost effective and flexible solution ideal to aid effective black spot and crash site installations within minutes.

Flexibility

The DF11 model provides a lightweight, robust speed feedback display unit which is configurable on site with ease and is suitable for a single person installation. Typical operational independence in urban applications is between 12 and 18 days handling daily vehicle hits in excess of 2000 counts.

The DF11 unit offers complete flexibility for all site locations as it is either AC, solar or battery powered and has charge port is fitted as standard. For maximum impact the signs can be easily re-located at regular intervals in-line with the TRL recommendations.

The fascia can be a bespoke design to meet individual requirements.

- Lightweight, single person install
- Exceptional low power allows remarkable battery only operation times
- LiFePO4 Lithium Ion battery offers improved performance
- Built in speed selector switch for easy site set up
- Your Speed reflective fascias available in yellow, yellow green and white
- Optional data logging facility to generate a variety of user defined reports

Traffic Statistics

The data logging facility provides concise information on speeding vehicles with the ability to generate a variety of user defined reports captured within a graphical analysis feature. Data is retrieved via Bluetooth connectivity or through a data cable directly to your laptop.

Target Speed Zones

The detection range covers a large catchment area ensuring a clear message to drivers prior to entering the safety zone resulting in reduced speeds and lower accident rates.

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Specifications

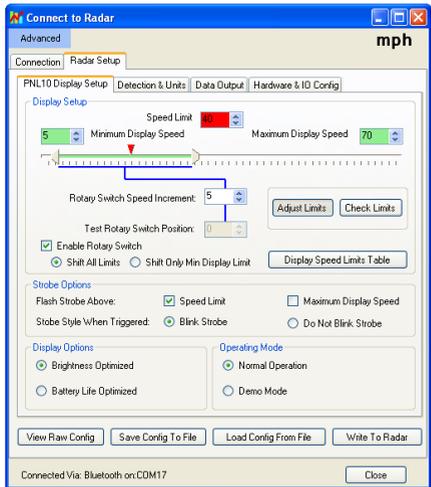
Operation

The DF11 sign series can be fully configured using either a data cable or Bluetooth connection using the DF11 configuration software. This unique software enables the user to adjust various speed parameters and confirm display set up suitable to the application. Configurable 8 position speed tables programmed within the unit can be adjusted using the integrated rotary switch, typically used for minor set up adjustments without being connected with the data cable or Bluetooth connection.

Data Logging

The DF11 collects traffic statistics enabling the user to generate a variety of customised reports. Focussing on speeds and frequency of offending vehicles demonstrates effectiveness of the sign in the targeted areas.

All DF11 are supplied with a comprehensive operation manual which contains a guide to installation best practices. It is recommended that these practices are followed to ensure optimal performance and results.



The screenshot shows the 'Stats Analyzer' software interface displaying a data table. The table has columns for 'Hour', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday', 'Week Day Avg', and 'Week End Avg'. The data shows counts and speeds for various time intervals throughout the week.

| Hour | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Week Day Avg | Week End Avg |
|------------|--------|---------|-----------|----------|--------|----------|--------|--------------|--------------|
| 1-2 | * | * | * | 5 | 12 | 5 | 5 | 8.5 | 5 |
| 2-3 | * | * | * | 4 | 7 | 4 | 4 | 7 | 25 |
| 3-4 | * | * | * | 3 | 8 | 3 | 3 | 5.5 | 25 |
| 4-5 | * | * | * | 6 | 3 | 4 | 5 | 3.5 | 27.5 |
| 5-6 | * | * | * | 22 | 17 | 9 | 22 | 13 | 28.3 |
| 6-7 | * | * | * | 41 | 22 | 15 | 41 | 18.5 | 28.3 |
| 7-8 | * | * | * | 42 | 22 | 17 | 42 | 18.5 | 27.5 |
| 8-9 | * | * | * | 46 | 45 | 36 | 46 | 40.5 | 27.2 |
| 9-10 | * | * | * | 46 | 54 | 25 | 46 | 44.5 | 24.8 |
| 10-11 | * | * | * | 38 | 44 | 76 | 38 | 41 | 25.6 |
| 11-12 | * | * | * | 49 | 34 | 65 | 43 | 41.5 | 27.5 |
| 12-13 | * | * | * | 34 | 55 | 52 | 46 | 44.5 | 28.3 |
| 13-14 | * | * | * | 52 | 57 | 60 | 41 | 54.5 | 28.4 |
| 14-15 | * | * | * | 43 | 43 | 42 | 49 | 43 | 26.7 |
| 15-16 | * | * | * | 38 | 45 | 57 | 41 | 42 | 27.4 |
| 16-17 | * | * | * | 47 | 24 | 55 | 57 | 35.5 | 27.1 |
| 17-18 | * | * | * | 57 | 42 | 45 | 43 | 45.5 | 27.4 |
| 18-19 | * | * | * | 61 | 32 | 56 | 42 | 46.5 | 27.5 |
| 19-20 | * | * | * | 51 | 45 | 52 | 52 | 50 | 26.8 |
| 20-21 | * | * | * | 58 | 55 | 40 | 34 | 56.5 | 26.4 |
| 21-22 | * | * | * | 43 | 38 | 36 | 46 | 40.5 | 25.5 |
| 22-23 | * | * | * | 24 | 38 | 32 | 13 | 27 | 24.4 |
| 23-24 | * | * | * | 19 | 15 | 26 | 12 | 17 | 24.6 |
| Totals | 0 | 0 | 0 | 615 | 817 | 502 | 712 | | |
| % of Total | 0% | 0% | 0% | 20.2% | 26.8% | 29.6% | 23.4% | | |

