

# Train Noise Monitor™



**Corporate Office:** Adelaide, Australia

**Contact Us:** Office: +61 8 7099 4600

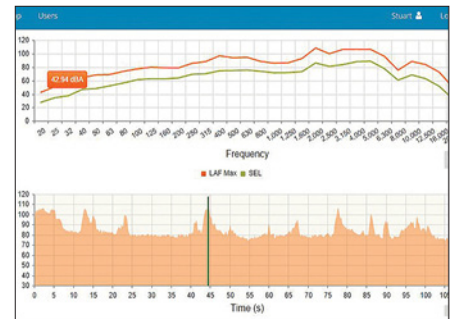
Fax: +61 8 8132 0543

tiqtrackiqinfo@wabtec.com

www.trackiq.com.au



Time	Site	Track	Direction
1/09/2014 12:42:52 AM	Heathfield Test	Track1	Down
31/08/2014 9:30:21 PM	Heathfield Test	Track1	Down
31/08/2014 9:21:53 PM	Heathfield Test	Track1	Down
31/08/2014 6:23:50 PM	Heathfield Test	Track1	Down
31/08/2014 10:48:12 AM	Heathfield Test	Track1	Down
31/08/2014 7:55:28 AM	Heathfield Test	Track1	Down
31/08/2014 7:24:16 AM	Heathfield Test	Track1	Down
30/08/2014 7:24:09 PM	Heathfield Test	Track1	Down
30/08/2014 5:23:32 PM	Heathfield Test	Track1	Down
30/08/2014 11:46:01 AM	Heathfield Test	Track1	Down
30/08/2014 9:04:39 AM	Heathfield Test	Track1	Down
30/08/2014 8:21:20 AM	Heathfield Test	Track1	Down
30/08/2014 7:18:21 AM	Heathfield Test	Track1	Down
30/08/2014 6:42:13 AM	Heathfield Test	Track1	Down
30/08/2014 6:07:38 AM	Heathfield Test	Track1	Down



## Train Noise Monitor

The Train Noise Monitor (TNM) uses a wayside mounted camera combined with a high precision microphone to record the sound levels associated with a train passby. High noise levels can be identified and a matched image can be used to identify offending vehicles.

The system uses a non-contact distance sensor to identify the presence of a train. One system can even be used to monitor multiple tracks at a location. No part of the equipment is installed within three metres of the track centre.

The system interfaces with Track IQ's wayside database FleetONE™. A comprehensive set of statistics is available to track the performance of any train noise control programs or monitor noise near residential areas.

Suitable for day/night applications. The system is totally self-contained and uses a solar array for power and a 3G connection to transfer data from the site to the FleetONE database.

### Benefits of the Train Noise Monitor include:

Standalone sound level measurement

Web-based database for evaluating train noise levels

Day/Night view

Anti-vandalism mounting

Solar powered

Data is imported into FleetONE

## Track IQ

A Division of Wabtec Control Systems Pty Ltd

17 - 19 King William Street

Kent Town, South Australia, 5067

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