



The New Rion NL- 42EX Type 2 Environmental Noise Logger for Semi-permanent Locations

It will meet **all the Licensing requirements as stipulated by EPA Australia**

The NL-42EX is a Hand Held Noise Meter for manned Noise Surveys & Stand Alone unmanned Noise Logger
It Complies to IEC 61672

The NL-42EX Logger will store the following **Leq, Lmax, L1, L5, L10, L50, L90, L95, Lmin; Level Data**

- **Standard Logging** – user can simultaneously log Env. data : as above
- **Event Trigger** – set up in Logger mode will record all samples at detected user set level
- **Interval recording** – will log automatically repeatable user selected intervals form 10 sec. 1min,..15min, 60min
- **All Recordings and Data stored on supplied .5G SD Memory card**
- **This new Model Rion NL-42EX does NOT require extra Software for processing files results are opened directly with MS Excel all dated & timed stamped intervals.**

| Address | Start Time | Measurement Time | Leq | L1 | L5 | L10 | L50 | L90 | L95 | Lmax | LAeq | LA1 | LA5 | LA10 | LA50 | LA90 | LA95 | Lmax | Order |
|---------|--------------------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1 | 20/04/2013 16:53:00.000:00.000 | 30 | 46 | 73.2 | 42.1 | 46 | 69.4 | 54.3 | 59.5 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| 2 | 20/04/2013 16:53:00.000:00.000 | 44.8 | 54.8 | 51.2 | 45.5 | 70.4 | 52 | 49.4 | 47.7 | 42 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| 3 | 20/04/2013 16:53:00.000:00.000 | 50.5 | 40.5 | 50 | 42.7 | 74.0 | 56.0 | 47.4 | 45.2 | 43.2 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 4 | 20/04/2013 16:53:00.000:00.000 | 46.4 | 54.4 | 54 | 42.4 | 71.0 | 57.4 | 54.4 | 53.5 | 43.2 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 5 | 20/04/2013 16:54:00.000:00.000 | 42.4 | 52.4 | 45.7 | 40 | 64.4 | 45.2 | 44.5 | 44 | 40.8 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 6 | 20/04/2013 16:54:00.000:00.000 | 42.8 | 52.8 | 47.1 | 40 | 72.5 | 46.4 | 45.7 | 44.8 | 40.8 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 7 | 20/04/2013 16:54:00.000:00.000 | 54.2 | 48.2 | 42.1 | 40.8 | 83.0 | 61.8 | 49.2 | 48.0 | 41.0 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 |
| 8 | 20/04/2013 16:54:00.000:00.000 | 42.2 | 52.2 | 43.7 | 38.8 | 75 | 53.7 | 46.1 | 44.8 | 40.8 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 9 | 20/04/2013 16:54:00.000:00.000 | 42.4 | 52.4 | 46.1 | 38.8 | 68.2 | 46.1 | 44.1 | 43.4 | 41.2 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 10 | 20/04/2013 16:54:00.000:00.000 | 47.3 | 57.3 | 54 | 40.3 | 73.7 | 53.8 | 43.4 | 43.1 | 41.2 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 11 | 20/04/2013 16:55:00.000:00.000 | 48.2 | 58.2 | 54.4 | 42.7 | 75.7 | 56.2 | 45.1 | 44.2 | 41.2 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 12 | 20/04/2013 16:55:00.000:00.000 | 51.4 | 41.4 | 40.4 | 39.8 | 77 | 49.4 | 44.4 | 43.4 | 41.2 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 13 | 20/04/2013 16:55:00.000:00.000 | 57.3 | 47.3 | 38.8 | 40 | 80 | 73.8 | 63.8 | 53.1 | 40.8 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 14 | 20/04/2013 16:55:00.000:00.000 | 48 | 58 | 58 | 40.2 | 74.7 | 57.8 | 45.4 | 44.2 | 41.2 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 15 | 20/04/2013 16:55:00.000:00.000 | 42.7 | 72.7 | 75.1 | 42.4 | 80.4 | 73.8 | 68.8 | 47 | 40.8 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| 16 | 20/04/2013 16:55:00.000:00.000 | 44.4 | 74.4 | 82 | 40.2 | 84.2 | 81.7 | 73.8 | 63.4 | 42.7 | 41.2 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| 17 | 20/04/2013 16:56:00.000:00.000 | 54.7 | 64.7 | 67.8 | 45.1 | 86.7 | 66.5 | 64.3 | 63.3 | 43.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| 18 | 20/04/2013 16:56:00.000:00.000 | 60.8 | 70.8 | 72.8 | 39.5 | 85.7 | 71.8 | 68.1 | 64.4 | 40.4 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 19 | 20/04/2013 16:56:00.000:00.000 | 65.1 | 75.1 | 74.1 | 40.3 | 83.1 | 74.2 | 71.8 | 70.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 20 | 20/04/2013 16:56:00.000:00.000 | 64.4 | 74.4 | 73.5 | 41.3 | 84.8 | 73.1 | 70.2 | 68.3 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| 21 | 20/04/2013 16:56:00.000:00.000 | 64.5 | 74.5 | 74.4 | 40.4 | 84.8 | 73.4 | 71.4 | 69.7 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| 22 | 20/04/2013 16:56:00.000:00.000 | 40 | 70 | 74.8 | 38.7 | 81.1 | 74.5 | 71.2 | 69.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 |
| 23 | 20/04/2013 16:57:00.000:00.000 | 62.5 | 72.5 | 71.8 | 39.8 | 84.5 | 73.2 | 69.8 | 68.1 | 41 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| 24 | 20/04/2013 16:57:00.000:00.000 | 72.1 | 82.1 | 81.8 | 44.8 | 94.8 | 81.8 | 77.3 | 75 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |

