



Ref: FAQ0427

Version: 1.0

Title – Permanet+ Leak noise routine

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(Issue 1)

## Permanet+ leak noise determination routine

Permanet + loggers can be remotely programmed so that they switch on at any given time other than 2am.

It can be done from Datagate (if you have the right user rights) on Page 2 of the logger config tab -

LNS Sample time (minutes after midnight) change as required and select Send to upload the command to the logger next time it calls in.

| Field   | Value | Action |
|---|-------|--------|
| Number of LNS samples   | 0     | Send   |
| Number of samples to abort if no leak count (default 2048)            | 0     | Send   |
| LNS sample time (mins after midnight) (set 16384 for trunk main mode) | 120   | Send   |

The cycle for the leak determination and sound recording at the default start time of 2.00am is as follows :-

- 2.00 am – LNS powered up and takes a sample (takes around 15 mins to complete)
  - if it detects 'no leak' – it records the level and spread values and carries on as normal
  - if it detects a 'leak' then at –
- 3.00 am - take a sample –
  - if detects 'no leak' – carries on as normal
  - if it detects a 'leak' then it records the level and spread values and at 3.15 it takes a noise sound recording

The noise sound recording is taken if both determinations indicate a leak, however, the recording has no effect on the level and spread.

If you move the cycle start time to 3.00am (180 minutes after midnight say) then the entire process moves by 1 hour – so the leak noise recording will now be at 4.15am

### Document History:

| Edition | Date of Issue | Modification | Notes |
|---------|---------------|--------------|-------|
| 1st     | 04/01/18      | Release      |       |
|         |               |              |       |