



LIME NLX NOISE LIMITER



CONNECTION INFORMATION

1. INITIAL POWER UP

On initial power up the timer / power indicator will flash and the OK indicator LED will then illuminate. Due to certain installation conditions the Ti and T2 indicator LEDs may flash before returning to the ok indication LED. This unit is now ready for adjustment.

2. ADJUSTMENT

VR-1 Overall microphone gain. Adjust* accordingly to determine the desired decibel (dB) level required to trigger the unit.

3. FINE ADJUSTMENT

VR-2 High filter adjustment - this may be adjusted* if you require more or less sensitivity to high frequencies, IE. Vocals etc.

Vr-3 Low filter adjustment - this may be adjusted* if you require more or less sensitivity to low frequencies, IE. Bass.

* **ADJUSTMENT: ANTI-CLOCKWISE > LESS SENSITIVE / CLOCKWISE > MORE SENSITIVE.**

VR-5 Timer adjustment, normally set to 1.5 second intervals giving an overall time of approx 10 seconds. Interval steps can be set by observing the flashing power indicator LED. Once on plus once off = 1 clock pulse. 5 pulses = cutoff, 5 more pulses to auto reset. 10 pulses = 1 complete cycle.

After triggering and the volume not being reduced, the unit will cut off power for the time you have preset and then reset.

KEYSWITCH

The keyswitch has two settings, Monitor and Active.

MONITOR - Allows the unit to monitor the music but it will not cut off the power if the preset level is met.

ACTIVE - The unit will assess the music and the power will be cut off if the preset level is met.

TERMINAL CONNECTIONS

MAIN PANEL CONNECTIONS:

M1 - MICROPHONE +

M2 - MICROPHONE - (EARTH/SCREEN)

ENSURE THAT SCREENED MICROPHONE CABLE IS USED TO CONNECT MIC TO M1 AND M2

NOTE: Connections A to D are low voltage drive outputs only, and are connected to corresponding connections on remote light display if fitted.

A - Traffic lights 0 volts (common)

B - Traffic lights red channel

C - Traffic lights yellow channel

D - Traffic lights green channel

FA1 - Fire alarm + 24 Volts dc input from any existing fire alarm system (usually nearest bell or siren)

FA3 - Fire alarm negative input

P1 - EARTH

RELAY PANEL CONNECTION.

J - Connects to J on main board (already connected)

K - Connects to K on main board (already connected)

P2 - Connects to P2 on main board (already connected)

P3 - Connects to P3 on main board (already connected)

2CN1 30 AMP INPUT CONNECTOR:

- L - 240 volt ac supply input live
- N - 240 volt ac supply input neutral
- E - Input earth.

Note: it is recommended that the supply to CN1 is taken from a separate 30 amp ELCB/RCCD at the on site consumer unit.

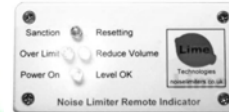
2CN2 30 AMP OUTPUT CONNECTOR:

- L - 240 volt ac controlled output live
- N - 240 volt ac controlled output neutral
- E - Output earth

2CN3: LIVE, NEUTRAL AND EARTH CONNECTIONS TO TX1 PRIMARY (already connected)

Traffic light remote display (optional):

A, B, C, D - Connect to corresponding connectors on main panel



Note: The unit must be powered up and the microphone must be connected to ensure steady green OK LED otherwise no power is supplied to the output connector.

THIS UNIT SHOULD BE INSTALLED BY QUALIFIED PERSONS ONLY. ALL WIRING SHOULD CONFORM TO CURRENT REGULATIONS. ALL EARTH CONNECTIONS SHOULD BE MADE AND TESTED BEFORE USE. DISCONNECT SUPPLY BEFORE SERVICING.

