

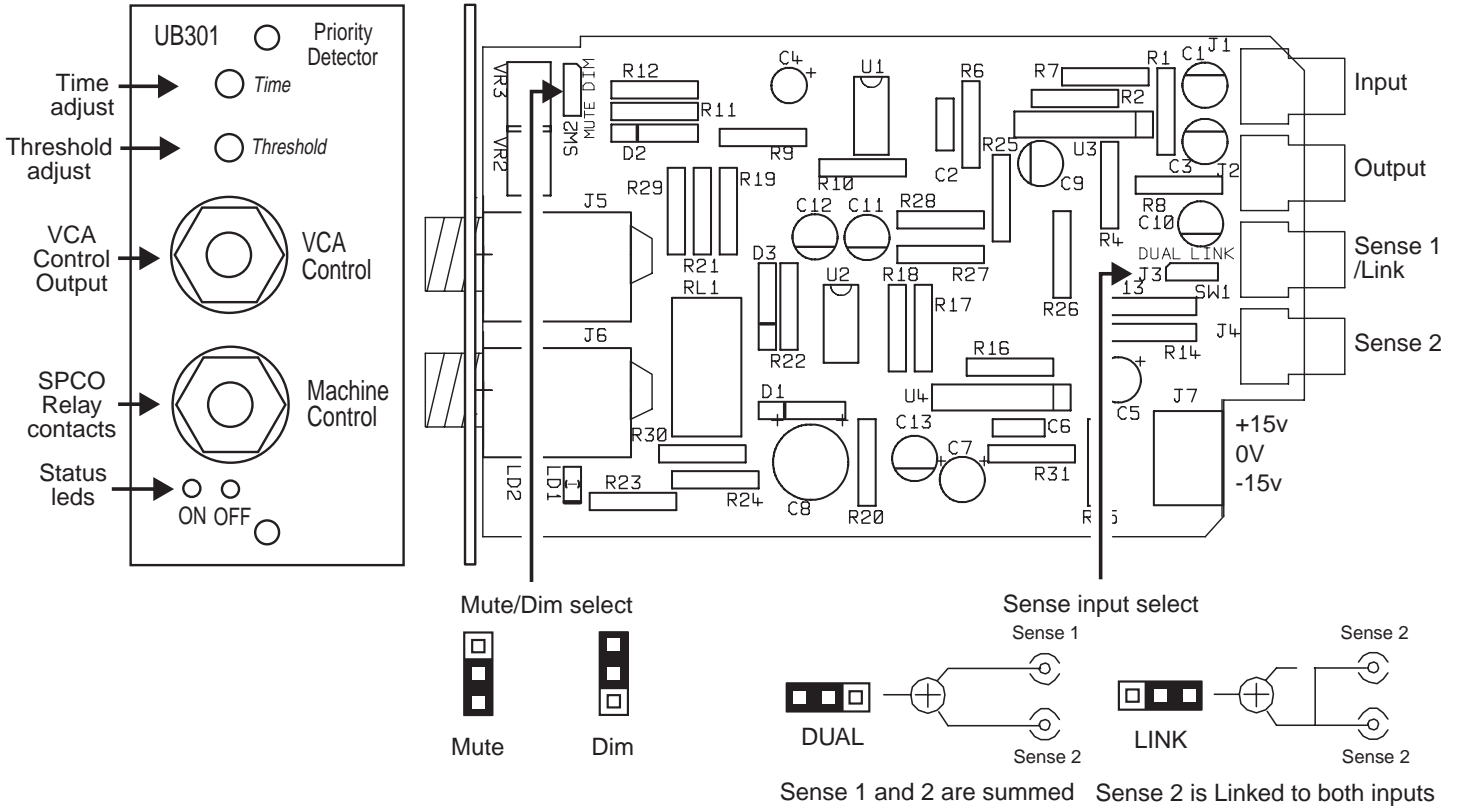
# UB301 Voice-over/Automatic Source Trigger Module

The UB301 is a program detector which uses the presence or absence of a signal to attenuate another program and/or trigger a replacement source. The module can be used in a variety of applications such as automatic attenuation on paging systems, voice-over in discotheques and programme failure detection and back-up source triggering in automatic broadcast stations.

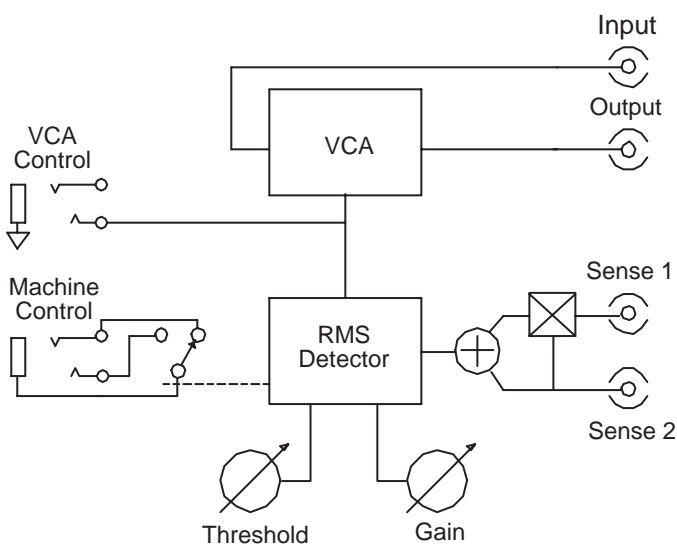
The signal threshold and signal absence duration are adjustable via front-panel trimmers.

Front panel jacks provide DC output to control external VCAs for multichannel ducking and relay contacts for machine control. Two front panel leds indicate the status of the relay.

## CONNECTIONS AND CONTROLS



## BLOCK DIAGRAM



## SPECIFICATIONS

### VCA SECTION

Input impedance 10k unbalanced  
 Output impedance 1k unbalanced  
 Input level -7dBu nominal  
 +18dBu maximum  
 Output level +18dBu maximum

Distortion <0.05%, 1kHz, +4dBu  
 Frequency response +0. -1dB, 20Hz to 40kHz  
 Signal to noise ratio <-90dBu

### DETECTOR SECTION

Input impedance 33k unbalanced  
 Threshold -50dBu to -7dBu  
 Time 2s to 20s adjustable  
 VCA control 0V (OFF) and +10V (ON)  
 Machine control SPCO relay contacts

POWER SUPPLY +/-15V @ 30mA



In keeping with our policy of continuous improvement LA Audio reserves the right to alter specifications without prior notice. Manufactured in the UK by LA Audio, 6-24 Southgate Road, London, N1 3JJ.

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