

Eltek TU1047 - Instructions for the GD32ALS and GD34ALS transmitters



The GD32ALS and GD34ALS transmitters provide 2 thermistor or 4 thermistor/state inputs with visual and audible alarms for any input that exceeds a configurable threshold.

The alarm is in the form of a bright red LED flash repeated every two seconds as long as the alarm is asserted. In addition an audible short beep, repeated every five seconds, will be activated if the alarm condition is present for more than 15 minutes. The alarm can be muted for 60 minutes by briefly pressing the “Alarm Mute” button located on the top panel. Should a further alarm become active the audible alarm will recommence.

Channels in alarm can be identified by viewing the LCD. The LCD scrolls through the activated channels with the ALARM annunciator displayed for a channel in Alarm.

The LCD * symbol is indicated at each press of the “Alarm Mute” switch to assure functionality.

During normal non-alarm operation, a green LED “status” flash is repeated every 5 seconds.

Note: During transmission, the LED will flash for an extended time whether in alarm mode or not. The colour of the flash will depend on the current mode. The top panel LED is not active on GD32ALS and GD34ALS.

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Detailed LCD, LED and switch functionality:

	TX NOT set up	TX configured	TX E ² not configured or corrupted.
Green "Status" LED		Brief flash every 5 seconds Long flash when transmitting	
Red "Alarm" LED	Flash every 8 seconds	Flash every 2 seconds Long flash when transmitting	Double flash every 8 seconds
Sounder - Audible Alarm		Activated after 15 minutes of alarm. Beep every 5 seconds	
"Alarm Mute" switch top panel. Hold for 1 second		Mutes sounder for 60 seconds. LCD displays * when pressed	
LCD ALARM		the enunciator is enabled for each channel in alarm	
Press rear switch for 5 seconds	LCD remains as OFF	TX disabled. Display shows OFF	
Press rear switch for 5 seconds	LCD remains as OFF	TX enabled. Operating display on.	
Press rear switch for > 1, < 5 seconds	LCD remains as OFF	(If TX enabled) Enter TX test mode. TX interval 5 sec for 2 minutes - approx.	
Power up (connect battery)		All LCD segments enabled test, Software version displayed, Tx serial number displayed, Operating display on.	
LCD battery gauge 3/2/1 chevrons Flashing frame only		Battery ok Flashing frame indicates 10% battery remaining approximately	