MULTITONE PAGING RECEIVERS

multitone

TWO & FOUR LINE ALPHANUMERIC PAGERS

A High Performance Pager Designed For Action
The TLA850 with its reputation for robustness, reliability and durability has been designed to exacting standards and is now the pager of choice for fire and rescue services, healthcare professionals and industry.

The TLA is designed for action, by incorporating an ingenious emergency address feature it can be called individually or as part of a team. On receipt of an emergency call, the TLA850 immediately goes into vibrate mode, emits a loud high status alert and with the mute over-ride facility, will automatically ignore any pre-selected user options ensuring that the message is heard, seen and read. Furthermore, if the call is not acknowledged the TLA850 automatically goes into extended alert mode; encouraging rapid response.

A True International Performer
With its icon driven menu, dual date-format and multi-language support, ease of operation is assured whatever the language or culture. However, as regulatory authorities across the globe strive for more efficent use of radio spectrum the TLA850 is unique in that it supports multiple frequencies, baud rates and channel spacing options. This level of versatility ensures that the TLA850 will operate on most national, private wide area or on-site paging networks.

Style, Form and Function
Most importantly, style and operation has not been sacrificed over function, using specialist shatterproof, wear and commerical resistant PC/ABS plastics ensures long term durability. What is more with 2 display options, a 2-line 14 character display and a 4-line 20-character, greater choice is assured. The 4-line version also includes the ability to select 2-lines of double height characters or 2-lines normal character option, giving the operator greater flexibility to configure the TLA850 to their own requirments.

Maximising Ease of Use
For day-to-day operation the TLA850 is both functional and easy to use. The main display mode shows the time, date and status information. Simply press the right button to view stored messages, the middle button to access the archive and if enabled, view Information Services. Press the left button to set the user options, these include choosing the alert type, setting the clock, selecting the battery saver time or editing the message archive - this is all done using the display icons.

Key Features
The TLA850 has the following key features:

- 2 or 4 line display
- Icon driven display with multi-language support
- Vibrate
- Clock
- Message time stamping
- 32 message memories
- Battery saving
- 9 selectable alert options inculding silent alert

- Personal, Emergency and group addresses
- 8 information service mailboxes
- Extended remind prompt
- Alarm clock
- Dual date formats
- Delete all feature
- AAA battery
- Holster and lanyard

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SPECIFICATION

Radio Performance	TLA 852 (VHF)	TLA 853 (UHF)
Frequency range	86, 137-174MHz	406-415, 430-470MHz
Channel spacing	12.5/25kHz	12.5/25kHZ
Sensitivity (typical for 40 character message)		
Best position		
512 Baud	5µV/m	5µV/m
1200 Baud	7µV/m	8µV/m
2400 Baud	10µV/m	12µV/m
8 Position average		
512 Baud	8µV/m	9µV/m
1200 Baud	11µV/m	12µV/m
2400 Baud	15µV/m	17µV/m
Intermodulation rejection	60dB	55dB
Adjacent channel sensitivity	70dB	60dB
Spurious response	60dB	60dB
Image response	65dB	50dB
Spurious emission <1GHz (max.)	2nW	2nW

Display STN LCD
Illumination	2 white LED's
Display area	48mm x 13.5mm
Capacity	2 Rows of 14 characters
	4 Rows of 20 characters

Operational
Audible (typical)	80dB SPL minimium at 30cm
Alert tones	7 Plus vibrate and silent
Max. number of messages	32 Personal messages
Max. number of characters per message	1024
Message archive capacity	6 Archive locations
Total number of addresses	4
Personal paging addresses	2
Information service addresses	2 Permitting a total of 8 services
Time and Date	12 or 24 hour selectable
Dual time format	Standard and US date format
Alarm time function	Single alarm, daily alert
Battery saving	Select time on and off function
Message time stamp	Standard
Languages	Country specific ASCII characters
Accessories	Holster, lanyard, battery and guide
Code format	CCIR RPC No. 1 (POCSAG)

Environmental and Approvals
Operating temperature	**-10°C to +55°C**
Storage temperature	**-20°C to +70°C**
CE Marked	**Yes**
FCC Approval	**Yes**
NTIA Approval	**Yes**

Physical
Width x Height x Depth	**75mm x 49mm x 16.5mm**
Weight (including AAA battery)	**65g**