

EU08-04

ENTERTAINMENT BEDHEAD UNIT



DS-152 Issue 03

Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

An industrial pattern FM demodulator designed primarily for offshore platform accommodation but can be used in any location where a rugged unit is required.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

ZIZTEL EU08-04 DEMODULATOR

Stereo Headset Outlet

Integral Alarm Clock

Up to 16 x pre selectable VHF FM station channels

Flush fit enclosure design

LED reading light

Industrial pattern push button controls

Rotary volume control

The EU08-04 is an entertainment demodulator for use in an industrial application which is designed to receive entertainment audio from a LAN distribution system.

The unit comprises of a compact ruggedized enclosure which houses an FM stereo receiver, alarm clock and reading light. An integral high performance speaker is incorporated which is muted when the external stereo headset socket is engaged. The receiver enables reception and storage of up to 16 x channels enabling rapid station selection as required by a single agile push button control input. Channels are held in non-volatile memory guaranteeing that once assigned the station slot is held set throughout the life time of the product.

The Alarm clock is easily pre-set by robust fascia mounted programming push buttons which enable local time setting and user alarm trip points. The alarm is configured to deliver a strident tone to the integral entertainment loudspeaker.



EU08-04 Demodulator

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A reading light is fitted with on / off selector switch. The light source is based on long life brilliant white LED technology which eliminates maintenance associated with fluorescent or incandescent light based sources.

The unit is designed for AC mains energisation and can operate from a wide range of supply voltages and frequencies – 100 VAC to 240 VAC 50/60 Hz consumption 12VA. A 0.5 M cable tail is fitted to allow convenient local termination to a protected AC supply and a second 75 Ohm coax cable tail connection is available on the rear of the unit to allow termination of the VHF FM input from the distribution system.

The enclosure is manufactured from mild steel which is passivated to eliminate corrosion and a brushed alloy fascia provides aesthetic finishing to the complete package.

Technical Specification	
Supply	100 to 240 VAC 50 / 60 Hz
Consumption	12VA maximum
Heat Emission	5 Watts
Location	Safe area internal – Not to be located in shower rooms, etc.
Range	88 MHz to 108 MHz
Audio output	2W maximum to integral speaker
Frequency response	100Hz to 15KHz
Pre-set	16 x pre-set stations
Demodulation	VHF FM
Connection	0.5M flying leads
Finish	Fascia brushed alloy with black legends
Rear enclosure	Mild steel zinc and passivated
Temperature Range	-10 °C to + 50 °C
Storage Temperature	-10 °C to + 70 °C
Dimensions	250mm high, 300mm wide, 65mm deep (not including cable tails)



View of EU08-04 shows a “flush fit” enclosure designed to rebate into a bulkhead.

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