

EU08-04

ENTERTAINMENT BEDHEAD UNIT



DS-152 Issue 05

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 Military, Marine and Hazardous Oil, Gas and Petrochemical industries.

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

The unit features an all metal construction with robust operator controls and integral LED reading light.

ZIZTEL EU08-04 DEMODULATOR

Stereo Headset Outlet - supplied with high quality headset

Integral Alarm Clock

Up to 16 x pre selectable VHF FM station channels – non-volatile storage

Low profile enclosure design – enables flush fit into shallow bulkheads

LED reading light – maintenance free

Industrial pattern push button controls and

rotary volume control – vandal resistant

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



EU08-04 Bed head unit

ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.

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.

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 and can operate from a wide range of supply voltages and frequencies – 100V_{AC} to 240V_{AC}, 50/60Hz consumption 12VA.

A 0.5m cable tail is fitted to allow convenient local termination to a protected AC supply and a second 75Ω 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	100V _{AC} to 240V _{AC} 50/60Hz
Consumption	12VA maximum
Heat Emission	5Watts
Location	Safe area internal – Not to be located in shower rooms, etc.
Range	88MHz to 108MHz
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 (supplied bare)
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.

ZITTEL LIMITED

email: sales@zitzel.com web: www.zitzel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Zitzel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Zitzel Ltd. Zitzel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.