

Product Brief

UHF In Ear Monitoring System 425-900



Description

The 425-900 UHF In Ear Monitoring System sets new standards in terms of unmatched audio clarity, robust RF performance coupled with advanced configuration features to meet the most demanding professional applications.

Complementing its 20 channel capability, the 425-900 base station offers two line inputs, each with independent level control and bargraph indicators, enabling mono or stereo operation. Key focus has been placed on ease of programming with provision for settings to be synchronised between the base station and beltpack wirelessly via the infra red link.

Seamless integration with all Trilogy Intercom systems is effected using standard balanced 4 -wire connections together with the comprehensive IFB utility incorporated within the Trilogy configuration software.

The beltpack is intended for use with the Trilogy 420-26-02 flexible eartube, however the standard 3.5mm jack allows simple connection to most popular earpieces.

Key Features - Beltpack

- LCD display for menu and settings
- Dual auto scan mode
- Volume limiter
- Tri-colour battery status LED
- Uses standard AA batteries

Key Features - Base Station

- Available in different frequency groups to suit local regulations
- Compliant with new UK legislation
- Advanced configuration menu with display
- IR Sync facility - transfers settings between base station and beltpack
- 20 selectable channels
- Dual line inputs with level controls and LED input level indicators
- Detachable front antenna with provision for remote antenna



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Specifications

| | | |
|-----------------------------|---------------------------|--|
| General | RF Carrier Range | 470-952 MHz (region dependent) |
| | Modulation | FM MPX Stereo. \pm 34kHz deviation |
| | RF output power | 10/50/100mW (region dependent) |
| | Compatible frequencies | 20 per band |
| | Operating range | 90m under optimal conditions |
| | Audio frequency response | 35 Hz - 15 kHz \pm 3 dB |
| | Total harmonic distortion | <0.8% typical (1 kHz) |
| | Antenna Connector | 50 Ω BNC |
| | Operating temperature | -18°C to + 57°C |
| Base Station | Audio input Impedance | 70k Ω |
| | Connector | XLR/1/4 inch jack combo |
| | Level | Nominal: +4dBu Max: +23.3dBu |
| | Dimensions | 197 x 166 x 42 (mm) |
| | Weight | 850g |
| Beltpack | User Controls | |
| | Mode | Stereo or Mix |
| | EQ Boost | 3 position : Off; +2dB; +4dB @10kHz |
| | Volume Limiter | Adjustable 3 - 9 |
| | Earpiece Connector | 3.5mm jack skt |
| | Earpiece Impedance | 9.5 Ω minimum |
| | Battery Type | 2 x AA |
| | Battery Life | Typically 5-7 hr |
| | Dimensions | 83 x 65 x 22 (mm) |
| Weight | 200g | |
| Ordering Information | 425-22-01 | Base Station P9T - K1 (596-632 MHz - Ch 38-40) With PS41UK UK Mains Adaptor 230VAC |
| | 425-22-02 | Base Station P9T - K1E (596-632 MHz - Ch 38-40) With PS41E EU Mains Adaptor 230VAC |
| | 425-22-05 | Base Station P9T - L6 (656-692 MHz - Ch 45-50) With PS41UK UK Mains Adaptor 230VAC |
| | 425-22-06 | Base Station P9T - L6 (656-692 MHz - Ch 45-50) With PS41E EU Mains Adaptor 230VAC |
| | 425-12-04 | Beltpack P9R - K1 (596-632 MHz - Ch 38-40) |
| | 425-12-05 | Beltpack P9R - L6 (656-692 MHz - Ch 45-50) |
| | 425-31-01 | External Antenna For Use P9T - K1 Base Station. Includes 8 m cable |
| | 425-31-03 | External Antenna For Use P9T - L6 Base Station Includes 8 m cable |
| | 420-26-02 | Presenters Acoustic Tube Earpiece for use with IEM Beltpack Includes coiled acoustic eartube, clothing clip & cable fitted with 3.5mm jack plug |

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