FULL-DUPLEX REPORTER UNIT

WAVENET
STAR-42

SPECIFICATIONS

TX RADIO

Frecuency range: 174-500 MHz, 20 MHz window, depending on versions (A,B,C)
Power: HI/LO (0,25/3W)
Channels: 16, PLL digital.
Modulation: +/- 30 KHz pre-emphasis 50us (others standards upon request)
Output impedance: 50 Ω
Spurious emissions: < -60 dBc
RF Connector: BNC
Channel selection: 1 digit hexadecimal encoder, delayed ON and channel change

TX AUDIO

Input: Balanced Mic and line swichtable
NR system: "Silenzo" Compressor limiter
Gain control
AF bandwidth: 50 Hz/15 Khz +/- 0,5 dB
Distorsion: <0,3%
Audio Connector: XLR3, F
SNR: >85 dB

RX RADIO

Frecuency range: 174-500 MHz, 20 Mhz window depending on versions (A,B,C)
Sensitivity: -112dBm / 12 dB SINAD
Channels: 16, digital PLL.
Demodulation: +/- 30 KHz de-emphasis 50us (others standards upon request)
Input impedance: 50 Ω
Spurious emissions: < -2nW
RF connector: TNC
Channel selection: 1 digit hexadecimal encoder

RX AUDIO

Output: Headphones output 1,5v/8Ω
NR system: "Silenzo" Expander
DSP: 32 bit (option)
AF bandwidth: 50 Hz/15 Khz +/- 0,5 dB
Distorsion: <0,3%
Connector: Jack stereo ¼"
SNR: >85 dB

DIMENSIONS, WEIGHT AND CONTROLS

ON/OFF switch: TX and RX
Separate RX and TX channel selector
Mecanized aluminium enclousure, microwave technology
DSP available on request
Battery status
Audio peak
Dimensions: 190x59x182 mm
Weight: 2,5 kg (including batteries)
Power: 12 type C alkaline batteries

Specifications subject to change without notice

October'05

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STAR-42

The STAR-42 full-duplex reporter unit has been designed thinking in stituations where a portable and autonomous system allow to perform live reports.

Together with the RD-42 diversity receiver and the TR-42 return transmitter, conforms a complete full-duplex link suitable to work in live ENG.

The unit is equiped with a 16 channels in the transmitter side as well as 16 channels in the receiver section.

The transmitter is a high quality wireless microphone with a power up to 3W in order to cover extensive areas.

The talkback receiver complete the full-duplex system.

Its innovative design gets an excellent radio and audio fidelity in signal bandwidth and dynamics

The STAR-42 operates from 12 alkaline type C batteries that guarantees an endurance no less than 4,5 hours.

The unit is porvided with a comfortable leather bag for transport.