

REPORTING UNIT

AEQ LIVE 10

The AEQ LIVE 10 reporting unit is a battery-powered portable system for high quality audio transmission.

Its small size, light weight and long-lasting battery make it especially apt for live reporting applications outside the studio. This unit is complemented by the AEQ LIVE 10R base receiver.

Knowing the equipment needs of on-the-scene reporters has helped us to design a system composed of the AEQ LIVE 10T transmitter and the AEQ LIVE 10R receiver while complying with applicable standards in each country.

The AEQ LIVE 10T is a 3W transmitter with 16 switchable frequencies and a shoulder strap for convenient carrying. It has an XLR input and is battery-fed. Its light weight and 3 Watts of radiated power make it an excellent tool for capturing the news on the street.

The AEQ LIVE 10R receiver also offers 16 switchable frequencies, operates on either AC or DC current, and lets the reporter take it, with full autonomy, to where the news is happening.

Technically, its design gives it excellent features in its radio section in terms of coverage, stability, spectral purity and resistance to interference.

The audio section stands out because of its signal reproduction fidelity in frequency and dynamics.



This will make news

REPORTING UNIT

TECHNICAL SPECIFICATIONS

AEQ LIVE 10 T

Transmission

Frequency range:

174-500 MHz (for other ranges, consult with us)
20 MHz window

Power: 3W, 100% continuous cycle,
delay in power-up.

Number of channels: 16, digital PLL

Modulation: +/- 30 KHz, 50 us or 75 us pre-emphasis

Output impedance: 50 Ohm

Spurious signal emissions: < -65 dBc

RF output connector: BNC

Channel selector: Digital encoder



Audio

Audio input: XLR3 female.

Variable gain. Balanced.

Noise reduction system: "Silenzo" compressor-limiter

Gain control: Front panel

Audio bandwidth: 50 Hz / 15 KHz +/- 0.5 dB

Distortion: < 0.3%

SNR: > 85 dB

Measurements

Battery low / OK indicator

Selected channel indicator

General

ON/OFF switch

Digital channel selector

Audio gain adjustment

Machined aluminum case

Dimensions: 255 x 145 x 40 mm
9.94" x 5.65" x 1.56"

Power supply: DR-202 Lithium ion battery

Weight: 1.5 kg / 3.3 lb (battery included)

D-SUB connector for channel programming with PC

Accessories included

Li-Ion battery

CH 41 Li-Ion battery charger: (90@240 VAC-12 VDC)

Antennas

AEQ LIVE 10 R

Reception

Frequency range: 174-500 MHz, (for other ranges, consult with us)
typical window 5% operating frequency

Sensitivity: -112 dBm @12 dB SINAD

Number of channels: 16, digital PLL

Demodulation: +/- 30 KHz, 50 us or 75 us pre-emphasis

Input impedance: 50 Ohm

Spurious signal emissions: < 2nW

RF input connector: BNC

Channel selector: Digital encoder

Audio

Audio output:

XLR3 male (rear panel). 600 Ohm line balanced by transformer

Monitor output

1/4" stereo headphone jack (front panel)

Noise reduction system: Silenzo

Monitor control: Front panel

Audio bandwidth: 50 Hz / 15 KHz +/- 0.5 dB

Distortion: < 0.3%

SNR: >100 dB

Measurements

RSSI (range 90 dB)

LED VU meter

Selected channel indicator

General

ON/OFF switch

Digital channel selector

Squelch and monitor volume

Machined aluminum case

Dimensions:

320 x 145 x 40 mm

12.48" x 5.65" x 1.56"

External power supply:

12 VDC / 0.4 A

Power feed connector:

XLR 4 female

Weight: 1.7 kg / 3.74 lb

D-SUB connector for channel programming with PC



Accessories included

TR 36A power feed unit: (90@240 VAC-12VDC)

Antennas

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