

Audio Report

LIVE AUDIO FROM A BACKPACK



Description

With the WMT Audio Report, Mobile Viewpoint offers a professional audio device for live radio reporting. With two balanced line and microphone inputs and 4 bonded LTE modems the WMT AR is the best you can get for low delay audio reports using bonded 3G/4G connections.

Specifications

CONNECTIONS

- 4 Modems, LTE(4G), fallback 3G
- WiFi
- Ethernet (optional 2)

ANALOGUE OUTPUT PERFORMANCE

- Nominal Output Level: 0dBFS = 10dBu, balanced
- Frequency Response: 20Hz - 20kHz +/- 0.2dB
- THD+N: <0.001% (measured with 0dBFS input 22Hz/22kHz bandpass filter, unweighted)
- Output Impedance: < 10 Ω
- Power Output into 150 Ω : 15mW
- Power Output into 50 Ω : 30mW

DIGITAL PERFORMANCE

- Internal clock only
- 105dB 'A-weighted' (all inputs)
- Converter chipset A-D dynamic range 114Db
- 104dB 'A-weighted' (all outputs)
- Converter chipset D-A dynamic range 114Db
- Supported sample rates: 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz

MIC

- 20Hz-20kHz
- THD+N: < 0.002% (minimum gain, -1dBFS input with 22Hz/22kHz bandpass filter)
- EIN < -120dB: measured at 55dB of gain with 150 Ω termination (20Hz/22kHz bandpass filter)
- Max input -3dBu

INSTRUMENT

- 20Hz - 20kHz +/- 0.1dB
- THD+N: 0.005% (measured with -8dBu input and 22Hz/22kHz bandpass filter)
- Noise: -87dBu (22Hz/22kHz bandpass filter)
- Gain Range: +10dB to +55dB
- Max Input Level: -3dBu

CROSSTALK

- Input to Input: Better than 90dB
- Output to Output: Better than 90dB
- Input to Output: Better than 85dB

RECORDING

- 120 Gigabyte (can be higher on request)

HARDWARE

- Dedicated appliance 220 volt
- Weighs +/- 580 G/1.3 lbs
- 45 x 175 x 100 (l x w x d)

INPUT METERING

- Ring LED lit Green: Signal present (-24 dBFS)
- Ring LED lit Red: Signal overload (0dBFS), peak for approximately 1 second

LINE

- 20Hz - 20kHz +/- 0.1dB • THD+N: <0.002% (measured with -1dBFS input and 22Hz/22kHz bandpass filter)
- Noise: -90 dBu (22 Hz/22KHz bandpass filter)
- Signal to Noise Ratio > 100dB
- Gain Range: -10dB to +35dB
- Max Input Level : +20dBu

INCLUDES

- Integrated Antenna Array
- PSU 90-220 Volt AC to 12 Volt DC
- Custom made backpack

KEY FEATURES

- Professional IP based audio device for live, low delay radio reporting
- Ideal replacement for traditional ISDN set ups.
- Combination of a high-quality audio amplifier and proven WMT bonding technology.
- Two balanced line and microphone inputs
- 4 x build in 3G/4G modems, Wifi and Ethernet
- IFB with individual volume control
- Compact, ruggedized casing
- Management of the unit via the touch screen
- Control, manage and administer all devices and connections with the LinkMatrix webportal



Mobile Viewpoint

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