

Audio Report

Live audio from a backpack

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. The WMT AR is a combination of a high quality audio amplifier and proven WMT bonding technology. At the receiving end the WMT playout will return the audio channel back into analogue balanced audio. This is the same playout used for all other WMT devices. The playout also provides a talk back channel (IFB) with individual volume control.



- Bonds 4 LTE(4G)/fallback 3G connections
- Remote controllable
- Mic input
- Uses existing Mobile Viewpoint infrastructure
- Touchscreen with detailed network information

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Specifications

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: < 10Ω
- Power Output into 150Ω: 15mW
- Power Output into 50Ω: 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 150Ω 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



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