

APPENDIX: SPECIFICATIONS

System

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		NOTES
Working Range	100M/300Ft	Line of sight, actual range depends on interference, reflection and RF signal absorption high & low
Audio Freq Response	10 Hz(-0.5 dB) to 20 kHz (-2.5 db)	
THD%	0.03% typical	
Dynamic Range	>115 dBA V70 >120 dBA V70L	system total audio in to audio out - no compander
Operating Temperature Range	1°C to 50°C	battery characteristics may limit this range
Transmitter Audio Polarity	positive pressure on mic diaphragm produces positive voltage on pin 2 of XLR output and on Tip of 1/4 output	
RF Channel	2.4GHz ISM band	
System Latency Total	<4ms	Audio in to audio out

V70 Receiver

		NOTES
Audio Output Level	Unity	referenced to mic model selected
Output Z	XLR: 150 ohm ¼": 1kohms	balanced unbalanced
Sensitivity	95dBm	
Image Rejection	56dB	
Power Requirements	9 Vdc, 350 mA	
Antenna	BNC 50 ohm	
Dimensions (overall)	220mm x 217mm x 45mm (half-rack)	
Weight	42 oz.	
Housing	extruded aluminum	