

HP90/HP91 RACING RADIO HEADSET			
1	Earphone	Size	Outer Diameter 50mm
		Weight	14.8 gram
		Magnet	Materials Ferrite Size $\Phi 20.5 \times 4.5\text{mm}$
		Impedance	300 Ω At around 1KHz
		Power Rating	Normal 30mW RMS Maximum 50mW
		Output Sound Pressure Level	83 \pm 3dB /100mW /1cm With Artificial ear per channel
			Average at 1.0K, 1.2K, 1.5K, 2.0KHz
		Resonance Fo	100Hz
		Frequency Range	100Hz~3000Hz
		Distortion	5% Maximum at 1KHz /100mW /1cm
		Abnormal Sound Test	Must be Normal Tested by 3.0Voltage Sine Wave
		Load test	30mW RMS White noise for 48hrs
2	Microphone	Type	Noise Cancelling Dynamic Mic.
		Case Material	ABS Plastic
		Sensitivity	0 $^{\circ}$ -71dB \pm 3dB (at L=50cm) (0dB=1V/Pa,1KHz)
		Impedance	Low impedance 150 Ω
		Frequency	600Hz~12000Hz
		Standard operation voltage	1V
		Sensitivity reduction	Within -3dB at 1V
3	Boom Type	Universal Flexible and Hinged Wire	
4	Plug	Microphone&Earphone- 5P Mini Chassis XLR Connector, Male	
5	Jack	3.5mm Phone Jack for iPod, Scanner, or other Device	
6	NRR	Noise Reduction Rating: -23 dB	
7	Colour	HP90 Black/ HP91 Carbon Fiber	
8	Switch	Type	Push To Talk Button(P.T.T)
		Case Material	ABS Plastic
		Water Proof Cover	Silicone Rubber(Black)