

*Sports-Design
Heavy-Duty Headset*



NFL STYLE HEAVY-DUTY HEADSET

As the official wireless sponsor of the National Football League, Motorola knows a thing or two about effective communication both on the playing field and during special transportation activities. That's why we've designed this NFL Style Heavy-Duty Headset, which is even better suited for high-noise environments such as college sports and special events than the lightweight version (RLN5238).

This single-muff headset is similar in design to the original Motorola headsets used by NFL coaches. Includes a noise-canceling boom microphone that fully rotates for left or right side positioning. With in-line Push-to-Talk and adjustable headband.

Quick User Guide:

- Robust design styled like NFL coaches headsets
- Noise-canceling boom microphone rotates 360°
- Adjustable headband for all-day comfort
- In-line Push-to-Talk is convenient to use
- Large Motorola logo adds a sporty appearance

This robust headset design provides users with private communication for a higher noise environment.



NFL STYLE HEAVY-DUTY HEADSET

Model Number

RMN5047

Sports-Design Heavy-duty Headset

Compatible with GP3188, GP3688, SP50, GP308, GP88s, GP300, GP88 two-way radios.

Also compatible with GP328 and GP338 two-way radios. Separate adapter required.

HLN9716

Audio Accessory Adapter must be ordered for the GP328 and GP338 radios.

NFL® STYLE HEAVY-DUTY HEADSET FEATURES:

- In-line Push-to-Talk Control
- Noise-canceling Boom Microphone
- Ergonomic Design for Comfort
- Adjustable Headband
- Water-resistant Housing



ENVIRONMENT

Operating Temperature Range: -30° C to +75° C
Storage Temperature Range: -40° C to +80° C

NOISE CANCELLING MICROPHONE

Electrical: Measured at 1 kHz, 5VDC, 2.2k Ω Load
Impedance: 630 Ω \pm 30%
Sensitivity: -34dB \pm 5.5dB at 94dB SPL
Maximum Current Drain: 1 mA
Operating Frequency Range: 300-3000 Hz
Operating Voltage Range: 1.5V to IDV

SPEAKER

Electrical:
Impedance: 2.85k Ω \pm 20% at 1 kHz
Output: 85dB Minimum Measured with 15 VPP Input
118dB Maximum Measured with 15 VPP Input
Speaker SPL Level Measured with a B&K 4128 Torso
Distortion: For a 1mW Excitation (Sine Wave) over the frequency of 300-3000Hz, The THD+N Shall be Less Than 10%
Maximum Power:
Handling Capability: Must be Able to Sustain a Minimum of 3.46 VRMS without Incurring a Degradation in Audio Performance

CABLE

Conductors: 5 - #28 AWG, with Kevlar Center
Primary Insulation: PVC
Fillers: Cotton
Shielding: #38 AWG Tinned Soft Copper Spiral Shield, 90% Minimum Coverage, with Drain Lead
Outer Jacket: Matte Black Polyurethane, .156 \pm .005 O.D.
Minimum Flex Life: 10,000 \pm 90 Degree Cycles 25° C, 1LB Load



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