Nasaco Electronics (Hong Kong) Ltd.

MG9030 Product Specification
MAB9030 + MAH9011

Base MAB9030 Specification		
Transmission Frequency:	Channel 1 – 1.762 MHz ± 2kHz	Channel 2 – 1.784 MHz ± 2kHz
Receiving Frequency:	Channel 1 – 403.0 kHz ± 10kHz	Channel 2 – 413.7 kHz ± 10kHz
Audio Frequency Response:	300 Hz to 6kHz	
AM Modulation depth:	$\leqq 150\%$	
Fundamental radiation emission level measured @ 30m:	$< 10\mu V$	
Operating Voltage:	3.2V to 4.5V	
Operating Range:	$\geqq 1.5$ meter	
Operating Temperature:	0˚C to 45˚C	

Features	
Selectable channels	
Automatic power On/Standby	
3.6V (40mAh) dedicated rechargeable battery pack	
Battery Talk time	$\geqq 2.5$ hours
Battery Standby time	$\geqq 150$ hours
Light weight	39g (included belt clip and battery)
Red LED Power On Indication	
Green LED In Range Indication	
Integrated antennas	
2.5mm stereo plug (compatible with most of the mobile phones by adding connectors)	

Controls
Power On/Off switch
Channel Selection switch
LED indicators for Power On and In Range

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Headset MAH9011 Specification		
Transmission Frequency:	Channel 1 – 403.046 kHz ± 1kHz	Channel 2 – 413.696 kHz ± 1kHz
Receiving Frequency:	Channel 1 – 1.762 MHz ± 10kHz	Channel 2 – 1.784 MHz ± 10kHz
Audio Frequency Response:	300 Hz to 6kHz	
AM Modulation depth:	$\leqq 120\%$	
Fundamental radiation emission level measured @ 30 meter:	$< 10\mu V$	
Audio distortion:	Nominal 5%	
Signal to Noise Ratio @ 1 meter:	$\geqq 40$ dB	
Operating Voltage:	3.2V to 4.5V	
Operating Range:	$\geqq 1.5$ meter	
Operating Temperature:	0℃ to 45℃	

Features	
Selectable channels	
Automatic power On/Standby	
3.6V (40mAh) dedicated rechargeable battery	
Battery Talk time	$\geqq 2.5$ hours
Battery Standby time	$\geqq 150$ hours
Light weight	26g (included battery)
Blinking Green LED Standby Indication	
Green LED In Range Indication	
Integrated antennas	
Symmetrical design: suitable for wearing on either left or right ears	
4-level audio output	
Low-Battery Sound Alert	
Noise cancellation Microphone	

Controls
Power On/Off switch
Channel Selection switch
Volume control button
LED indicator for Power On

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Accessory
6Vdc 100mA UL listed (or CE/TUV) AC adapter
Charging unit with 3 charging cavities
3 pieces of dedicated battery packs

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