Personal PA[™] Wideband Receiver, Model PPA R7-4NA

Description:

The Personal PA R7-4NA is a four-channel wide-band re-ceiver pre-tuned to frequencies 72.1, 72.5, 72.9, and 75.7 MHz. It features a channel select knob, volume control on/off switch, and an earphone/charging jack. Built in an impact resistant case, the R7-4NA is field tunable and will operate up to 32 hours with a single 9V non-rechargeable alkaline battery.

Specificaitons:		
Dimensions & Weight:	3-5/8" L x 2-3/8" W x 7/8" H (92.1 mm x 60.3 mm x 22.2 mm); 3.2 oz (90 g) with battery	Earphone On Indicator LED Channel Switch
Color:	Gray	
Battery Type:	9 Volt, Eveready 216 Carbon, Eveready 522 Alkaline, or BAT 003 NiMH Rechargeable	
Battery Drain:	14 mA, nominal	R7-4NA Top
Battery Life:	32 hours with Eveready 522, 6 hours/charge with BAT 003	
FCC ID:	CNM R7, CNM R74Y	
Operating Frequency:	Pre-tuned, adjustable, 72 MHz-76 MHz *	
Intermediate Frequency:	75 KHz	
FM Deviation:	75 KHz	
De-Emphasis:	75 uS	
AFC Range:	± 300 KHz	
Sensitivity:	2 µV at 12 dB Sinad with squelch defeated	Personal P.A.
Squelch:	Squelches at 10 µV for minimum	
	50 dB S/N ratio	Williams Sound
Input Overload:	20 mV	
Frequency Response:	100-10 KHz, ± 3 dB	
Signal-to-Noise Ratio:	50 dB at 10 μV	
Receive Antenna:	Integral with earphone/headphone cord	
Audio Output:	250 mW, max. at 16 Ohms	
Output Connector:	3.5 mm mini phone jack, also serves as a charging jack	
	for rechargeable battery	
Earphone:	Earbud-type with foam cushion,	
	3.5 mm plug, 32 Ω (Other styles available)	_ \
R7-4NA Channel Selector	4-position, rotary switch	
Warranty:	5 years, parts and labor	
	90 days on cords, earphones, heaphones, batteries, and other accessories	R7-4NA Front
	and other accessores	

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!



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Bid Specs:

The receiver shall be housed in an impact resistant poly-propylene case with a hinged battery door that does not separate from the receiver. The receiver shall be a body-pack style with a wrist lanyard.

The receiver shall have a 3.5 mm mono earphone jack and accommodate low impedance mono earphones, headphones and neckloop telecoil couplers. The 3.5 mm jack shall also serve as a charging jack for rechargeable batteries.

The receiver shall operate on one 9 volt battery and shall have a power LED next to the earphone jack. The receiver shall have a combination on/off rotary volume control and a four position switch to select between frequencies 72.1, 72.5, 72.9, or 75.7 MHz. These frequencies shall be pre-tuned and are adjustable by means of internal tuning coils.

The receiver shall receive FM signals in the 72-76MHz audio assistance band with 75 μ s de-emphasis. The receiver shall provide a maximum output of 250mW at 16 Ohms with an earbud-type earphone. The system electrical frequency response shall be 100Hz to 10kHz, \pm 3dB and the signal-to-noise ratio shall be 50dB at 10 μ V. The receiver shall accept wideband deviation of 75 kHz p-p.

The receiver shall be covered by a five-year parts and labor warranty, excluding earphones, headphones, batteries and chargers.

The receiver shall be the Williams Sound Corp. model PPA R7-4NA.

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2

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