



SPECIALTHING INTERNATIONAL CO., LTD.


Unit 7, 7/F, Block A, Veristrong Industrial Centre,
34-36 Au Pui Wan Street, Fotan, Shatin, N.T., H.K.

Tel: (852) 2691 7123 Home Page: <http://www.specialthing.com.hk>

Fax: (852) 2606 2324 E-mail Address: info@specialthing.com.hk

SPECIFICATION

**HEARING PROTECTOR AM/FM RADIO HEADPHONE
WITH BLUETOOTH & AUX-IN JACK**

MODEL NO	 HP-53RBJ
POWER SUPPLY	3 x “AAA” SIZED BATTERY OR RECHARGEABLE LITHIUM BATTERY
UNIT DIMENSION	198 (L) x 128 (W) x 95 (H) MM
BRAND/TRADE MARK	SPG
SIZE RANGE	S, M & L
FEATURES	<ul style="list-style-type: none"> ● SUPERB NEW DESIGN ● ADJUSTABLE AND COMFORTABLE HEADBAND ● COMFORTABLE EARPADS ● SELECT 9 OR 10 kHz FOR AM INTERVAL ● TIME SETTING IN 12-HRS OR 24-HRS MODE ● DIGITAL TUNE ● FREQUENCY RANGE: FM 87.5 – 108 MHz; AM 540 – 1700 kHz ● 10 PRESET STATIONS FOR EACH BAND ● BUILT IN BLUETOOTH MODULE – HANDSFREE, LISTEN TO MUSIC AFTER PAIRED WITH OTHER BLUETOOTH DEVICES ● LCD CLOCK DISPLAY ● LCD FREQUENCY DISPLAY ● LOW BATTERY SYMBOL INDICATOR ● MICRO USB RECHARGEABLE PORT ● EQUIPPED BY SHORT FLEXIBLE ANTENNA ● WITH AUX-IN JACK TO CONNECT WITH AUDIO DEVICE VIA A DIA 3.5MM CABLE ● STEP-FREE ADJUSTABLE HEAD SIZE SETTING ● WIDE AND EXTRA SOFT EAR CUSHIONS ● OPERATED BY THREE“AAA”SIZED BATTERIES OR LITHIUM BATTERY (NOT INCLUDED) ● CAN ACT AS A HEARING PROTECTING EQUIPMENT
APPLICATION	<ul style="list-style-type: none"> - PROTECTION ON HEARING WHEN WORKING IN NOISY ENVIRONMENT (WHEN OPERATING MACHINERY, LAWN MOWING AND ROAD WORK...) - RECEIVING RADIO BROADCASTING - ENJOY MUSIC VIA AUX IN JACK - HANDSFREE FOR TELEPHONE COMMUNICATION - PROTECTION OF EAR AGAINST COLD ENVIRONMENT
OPERATING TEMP.	BETWEEN + 50°C to 0°C
CUSHION	SPONGE, PU & FOAM
EAR CUP	ABS
MINIMUM SOUND ATTENUATION	SNR = 28 dB, H = 29 dB, M = 26 dB, L = 19 dB

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SPECIFICATION**HEARING PROTECTOR AM/FM RADIO HEADPHONE
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Weight (exclude accessories)	Approx. 385 g without batteries
Operating temperature	Between +45 °C to 0 °C
Power Supply	3 x AAA sized Alkaline Battery or Tailor-Made Rechargeable Lithium Battery
Frequency Range Radio	AM 522 - 1629 MHz FM 87.5 – 108 MHz
Frequency Response	20 Hz – 20 kHz
Impedance	32 Ohm ±10%
Material in Plastic	ABS
Material in Ear Cushion	Foam
Material in Headband Cushion	PU & Foam
Material in Headband Frame	Metal
Operating temperature	Between +50 °C to 0 °C
Size Range of the Headband	S, M and L
Max Sound Level FM Radio Receiver	75.4 dB(A)
Max Sound Level Bluetooth (HSP)	75.4 dB(A)
Max Sound Level Bluetooth (A2DP)	75.4 dB(A)
Max Sound Level Audio Input	75.2 dB(A) at -0.4 dBm (740.1 mV) input voltage

Attenuation Table

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	18.1	15.5	20.6	26.3	33.9	30.3	35.3	34.1
Sf (dB)	4.8	4.0	2.6	3.0	3.4	3.5	3.4	6.1
APV (dB)	13.3	11.5	18.0	23.3	30.5	26.8	31.9	28.0

SNR = 28 dB

H-value = 29 dB

M-value = 26 dB

L-value = 19 dB

Notes

- Certain chemical substances may adversely affect this product. Further information should be sought from the manufacturer, importer or distributor;
- When hygiene covers are put on to the cushions, it may affect the acoustic performance of the earmuffs;
- Do not tear the cushion off from the headset, as the cushion is non-replaceable;
- Earmuffs, and in particular the cushions, may deteriorate with use and should be examined frequently for cracks and leakage;