

Discman Instructions

Discman
for hearing perception training (HPT)



Congratulations on your brand Discman.

You will receive herewith a Discman for playing audio CDs, the following characteristics:

- Low noise signal on the headphone output
- Good channel separation (left and right ear are separated clean)
- Anti Shock turned off (off for our HPT application always!)
- Headset volume manually adjustable (better than + / - keys!)

Anti-shock switch off:

Prepp the button 1x ASP or ESP, then the icon disappears with the anti-shock in the display.

Quality control:

Frequ.:	1 kHz	100 Hz	1 kHz	10 kHz	15 kHz	20 kHz	L/R se- paration	Noise on silence
Volume:	0 dB	-10 dB	-10 dB	-10 dB	-10 dB	-10 dB		
Grundig CDP 5100	2,0 Vpp OK	0,65 Vpp OK	0,65 Vpp OK	0,65 Vpp OK	0,63 Vpp OK	0,61Vpp OK	good	<20 mVpp
Elta 5759N3	1,7 Vpp OK	0,55 Vpp OK	0,55Vpp OK	0,55 Vpp Intermod!	0,55 Vpp Intermod!	0,53 Vpp Intermod!	good	80-100 mVpp !!!
Grundig CDP 4300	1,1 Vpp OK	0,33 Vpp OK	0,33 Vpp OK	0,33 Vpp OK	0,33 Vpp OK	0,31 Vpp OK	good	<20 mVpp
AEG CDP4212	1,0Vpp OK	0,31 Vpp OK	0,31 Vpp OK	0,31 Vpp OK	0,31 Vpp OK	0,31 Vpp OK	good	<20 mVpp
Roadstar 3055	2,3 Vpp OK	0,72 Vpp OK	0,72 Vpp OK	0,72 Vpp Intermod!	0,72 Vpp Intermod!	0,7 Vpp Intermod!	good	60-70 mVpp !!!

The "noise in silence" should be as small as possible. Good values are <20 mVpp. "Intermod" (= Intermodulation) above 10 kHz, which means a dirty high-frequency reproduction!

Anti Shock at Discman distorts the high frequency

<p>Anti Shock turned ON Significant noise floor, the left and right of the testtone (10 kHz, -10 dB)</p>	<p>Anti Shock turned OFF Significant reduction of noise floor from the left image.</p>

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many thanks for google translation service - if you know some better readings, let us know!