

KEPO

ISO9001 Certificate

SPECIFICATION FOR APPROVAL

CUSTOMER : _____

CUSTOMER MODEL : _____

DESCRIPTION: Dynamic receiver

KEPO MODEL : KPDR-150PH

DOCUMENT NO. : KP3.841.201.01

DATE :

CUSTOMER'S APPROVED SIGNATURE		

Ningbo Kepo Electronics Co.,Ltd.

<http://www.chinaacoustic.com>

Approved by	Check by	Issued by

宁波凯普电子有限公司

1

2

3

4

A

1.Scope:

This specification cover dynamic type KPDR-150PH receiver unit for telephone use:

2.Outline dimension shall be as shown in Fig.1.

3.Electrical specification:

3-1Efficiency:97.5± 2dB SPL(0dB=2x10⁻⁵Pa)
(at 1000Hz 60mV sine wave)

measurement shall be as shown in Fig.2

3-2 Impedance:150 Ω ± 20%

at 1KHz 60mV sine wave ,V_R=V_L=60mV, "Z_X"=R ,Fig.2

3-3 Frequency response:

The 1000Hz sensitivity requirements must be met and the frequency response shall lie between the movable envelope limits shown in Fig.3.

4.Weight : approx 36 grams

5.Load test :shall be normal after test

input power:30mW white noise 24 hours

6.Humidity test : sensitivity difference shall be within 4dB after

test Temperature: 40 °C

Relative humidity:90 % 96 hours

7.Temperature test :After following test ,the response at 1KHz shall

not deviate more than ± 2dB from the initial value

7-1 High temperature:+65± 3°C duration 96 hours

duration of recovery 6 hours

7-2 Low temperature:-25± 3°C duration 96 hours


duration of recovery 6 hours

7-3Temperature cycling test:

B

C

D

				KEPO NINGBO KEPO ELECTRONIC CO.,LTD http://www.chinaacoustic.com		
				KPDR-150PH Specification		
No.	DESCRIPTION	APPROVED	DATE			UNIT
TOLERANCES UNLESS NOTED OTHERWISE .X ± .XX ± .XXX ± 90° FORMED +2° ANGLES -1° FIRST ANGLE PROJECTION 		APPROVALS		DATE	mm	
		DRAWN				KP3.841.201.01
		CHECKED				
		APPROVED	05.03.17	SCALE	SHEET	
				NOT TO SCALE	PI	VER 1.0

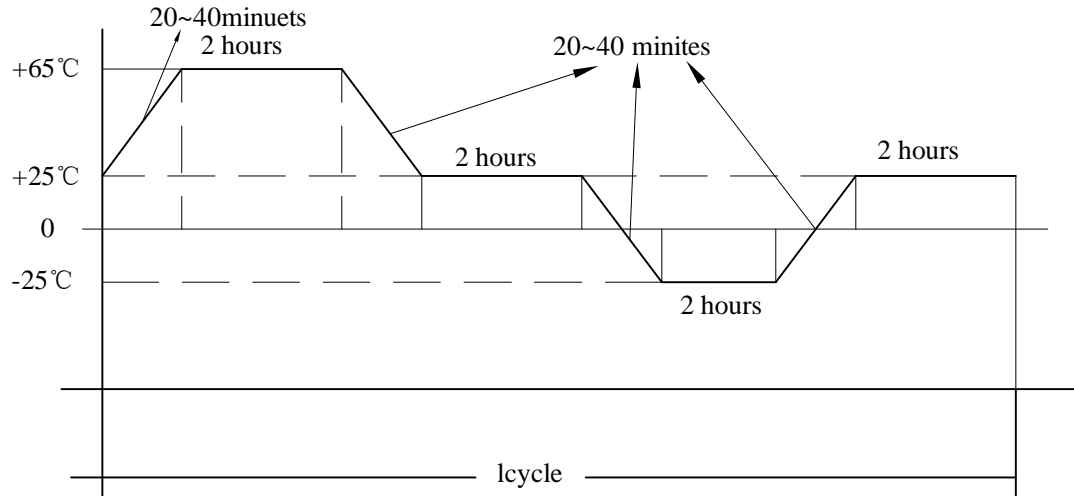
1

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a: Temperature cycling diagram



b: Number of cycle 2 cycle
 c: Duration of recover 2 hours

8. Mechanical shock:

The receiver unit when properly mounted in handset or provide equivalent shall be capable withstanding six random drops from a height of 1.5 meters onto the wooden hard board of thickness 5mm with no significant mechanical degradation nor change in the 1KHz response level.

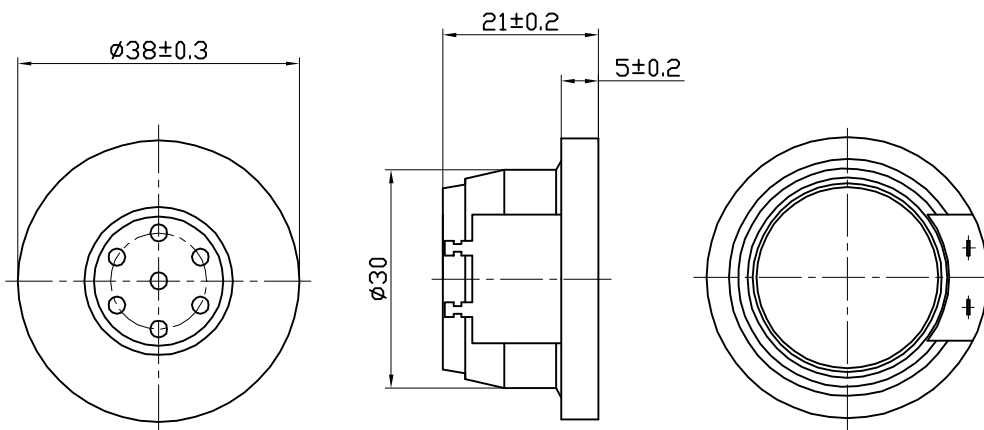


Fig .1

				KEPO NINGBO KEPO ELECTRONIC CO.,LTD http://www.chinaacoustic.com			
				KPDR-150PH			
				Specification			
No.	DESCRIPTION	APPROVED	DATE	UNIT		DWG NO.	
TOLERANCES UNLESS NOTED OTHERWISE .X ± .XX ± .XXX ± 90° FORMED +2° ANGLES -1°		APPROVALS		mm		KP3.841.201.01	
FIRST ANGLE PROJECTION		DRAWN		SCALE		SHEET	
APPROVED		CHECKED		NOT TO SCALE		P2	
		05.03.17				VER 1.0	

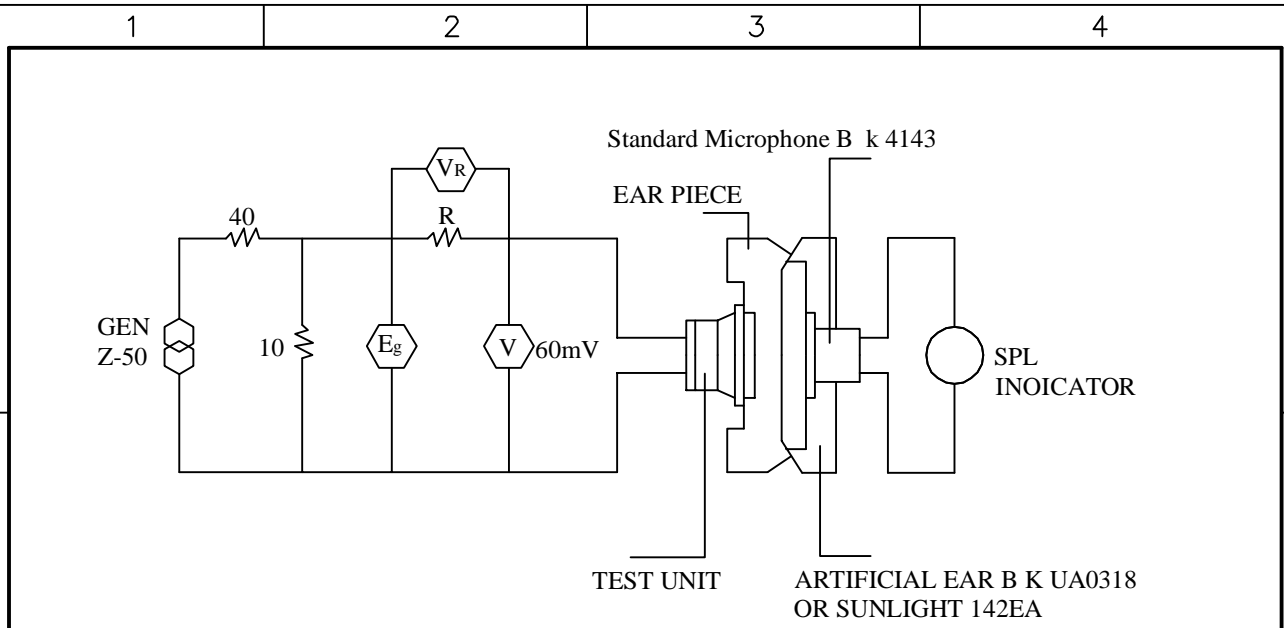


Fig.2

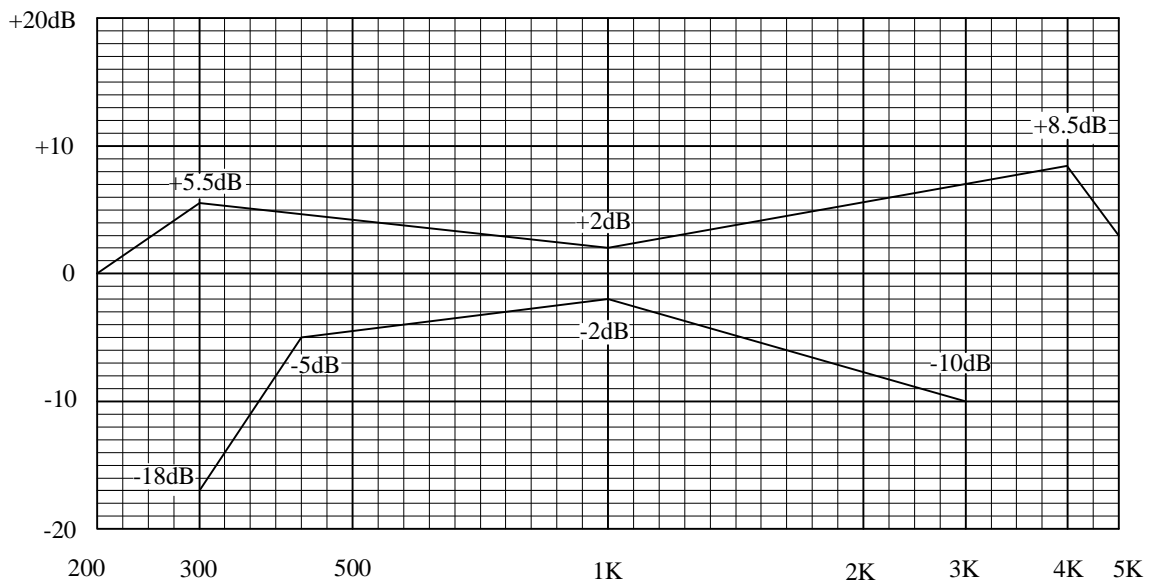


Fig.3

				KEPO NINGBO KEPO ELECTRONIC CO.,LTD http://www.chinaacoustic.com		
				KPDR-150PH		
				Specification		
No.	DESCRIPTION	APPROVED	DATE	UNIT mm DWG NO. KP3.841.201.01 SCALE NOT TO SCALE SHEET P3 VER 1.0		
TOLERANCES UNLESS NOTED OTHERWISE .X ± .XX ± .XXX ± 90° FORMED +2° ANGLES -1° FIRST ANGLE PROJECTION 		APPROVALS				DATE
		DRAWN	CHECKED			APPROVED