



Introduction of Speaker Products

Internet telephone, headset, cell phone

Home appliances, televisions, touch panels, home theaters, stereos, wall speaker for ships

Desktop computer speakers, portable computer speaker, multimedia subwoofer



Introduction of In Hann Industrial Co. Ltd.

The Company was counseled by the international famous company, PHILIPS and established in 1989 with well-known domestic and foreign household appliance manufacturers as PHILIPS, IMB, Grundig, Thompson, Sony, PANASONIC, Tatung, SAMPO, TECO, Sanyo, Kolin, Proton and IVT. Our OEM and ODM customers are all over Japan, the United States, Europe, Taiwan, Southeast Asia and other regions.

Services:



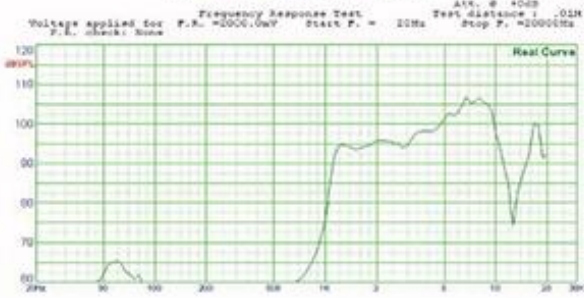
- Research, development, manufacturing, trade, selling and wholesale of drive speaker
- Research, development and simulation of speaker sound field
- System combination of power amplifier with a driver speaker
- Research, development and manufacturing of multimedia speakers

Main products:

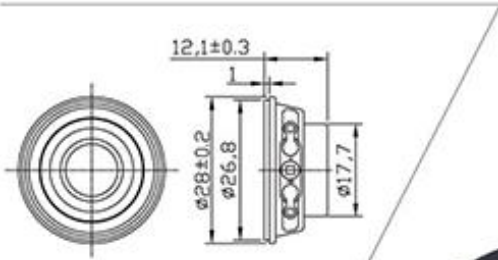
- 1.Home theater - game console – subwoofer
- 2.Multimedia speaker with all kinds of calibers
- 3.Speakers for ships and cars
- 4.Built-in speaker with small speaker system
- 5.Combination of power amplifiers and driver speaker
- 6.LCD LED TV speaker

Main Products

Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN NAMU Object:1135-02R 210054 P 2.30 07-11-2012 11:04:12
 1000Hz Band, 50.0dBFS Pass P.A.: Fail SDR: 3.010 Pass
 Avg.: 51.748295 Pass (4 point avg.) Step Size:1/12 Out.



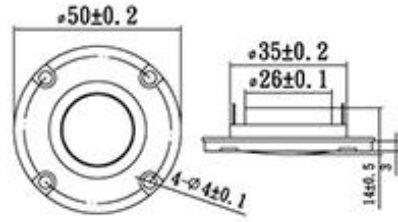
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN NAMU Object:15020R 210054 P 2.30 05-10-2012 09:34:41
 1000Hz Band, 50.0dBFS Pass P.A.: Fail SDR: 3.010 Pass
 Avg.: 70.048295 Pass (4 point avg.) Step Size:1/12 Out.



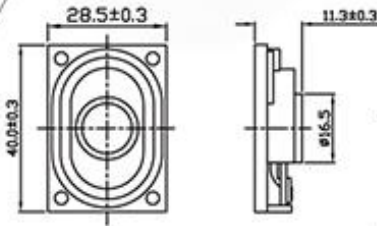
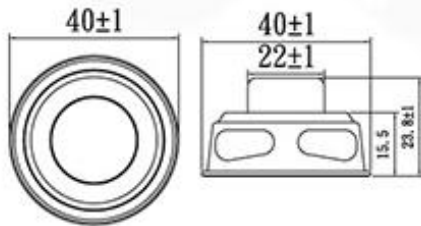
1135-02R



T5020R



1600-04R



161135-04L

Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN NAMU Object:160004R 210054 P 2.30 05-11-2012 08:34:44
 1000Hz Band, 50.0dBFS Pass P.A.: Fail SDR: 3.010 Pass
 Avg.: 51.748295 Pass (4 point avg.) Step Size:1/12 Out.



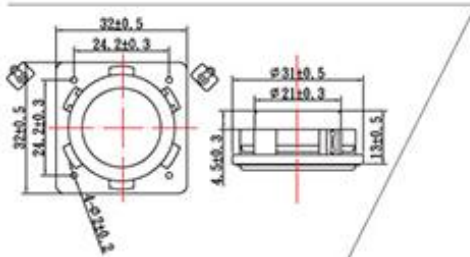
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN NAMU Object:161135L 210054 P 2.30 05-11-2012 13:09:05
 1000Hz Band, 50.0dBFS Pass P.A.: Fail SDR: 3.010 Pass
 Avg.: 57.488295 Pass (4 point avg.) Step Size:1/12 Out.



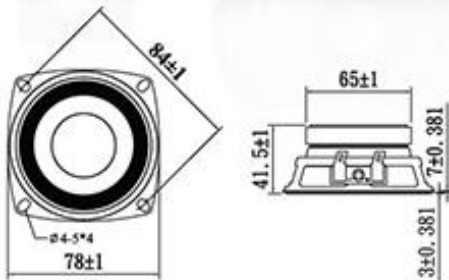
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN MANN Object:1212002 210094 P:2.30 05-17-2012 14:14:30
 1000Hz Pass=" 31.48892 Pass (4 point avg.) Step Size:1/12 Out.
 Avg.=" 77.148892 Pass (4 point avg.) Step Size:1/12 Out.



Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN MANN Object:1242704R 210094 P:2.30 07-11-2012 12:02:02
 1000Hz Pass=" 31.48892 Pass (4 point avg.) Step Size:1/12 Out.
 Avg.=" 78.048892 Pass (4 point avg.) Step Size:1/12 Out.



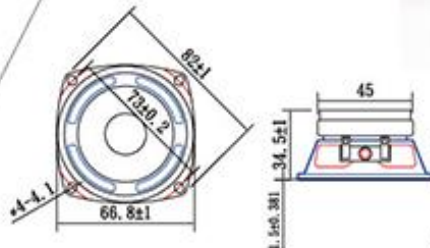
121202-08S



24270F-04R



30430-08P1



24176-08SM

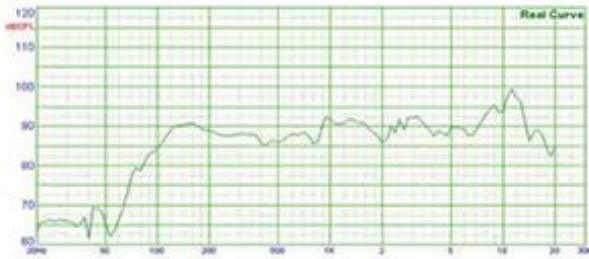
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN MANN Object:3043008 210094 P:2.30 01-02-2012 11:10:22
 1000Hz Pass=" 31.48892 Pass (4 point avg.) Step Size:1/12 Out.
 Avg.=" 77.148892 Pass (4 point avg.) Step Size:1/12 Out.



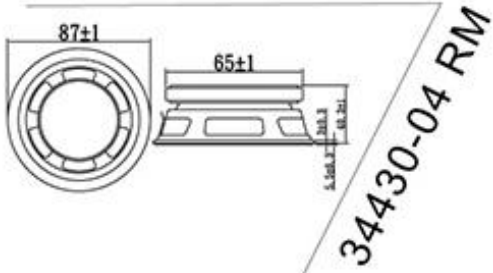
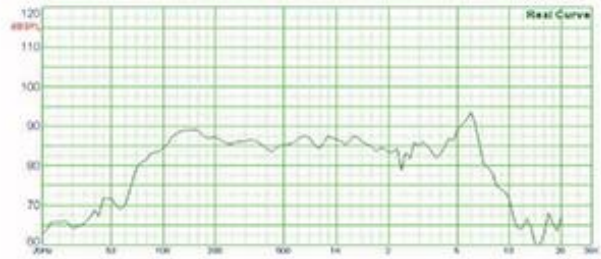
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 Firm:IN MANN Object:2417608M 210094 P:2.30 04-19-2012 17:44:24
 1000Hz Pass=" 31.48892 Pass (4 point avg.) Step Size:1/12 Out.
 Avg.=" 77.148892 Pass (4 point avg.) Step Size:1/12 Out.



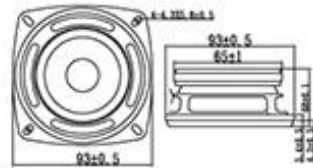
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 File:IN HANN Object:2440008 210054 P 2.30 03-11-2012 13:37:19
 1000Hz Sens.= 31.5dBFS Pass F.R.: Fail DC: 7.183 Pass
 Avg.= 85.5dBFS Pass (4 point avg.) Step Size:1/12 Oct.
 Frequency Response Test Att. @ +0dB Test distance: .50M
 Voltage applied for F.R.: +2830.0uV Start F.: 20Hz Stop F.: +20000Hz
 F.R. check: Best Fit



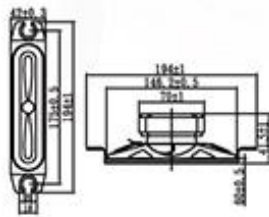
Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 File:IN HANN Object:2440008 210054 P 2.30 07-11-2012 11:56:21
 1000Hz Sens.= 31.5dBFS Pass F.R.: Fail DC: 7.120 Pass
 Avg.= 85.6dBFS Pass (4 point avg.) Step Size:1/12 Oct.
 Frequency Response Test Att. @ +0dB Test distance: .50M
 Voltage applied for F.R.: +2820.0uV Start F.: 20Hz Stop F.: +20000Hz
 F.R. check: None



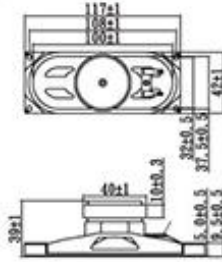
34430-04 RM



36460-08S

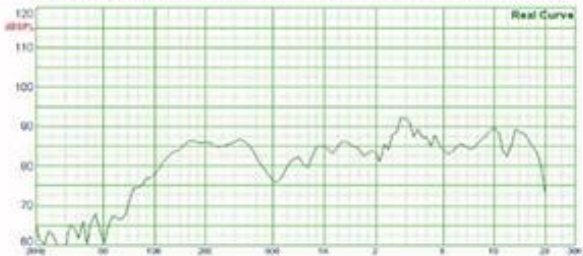


177632-08L

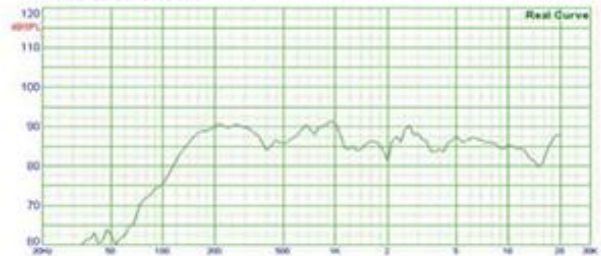


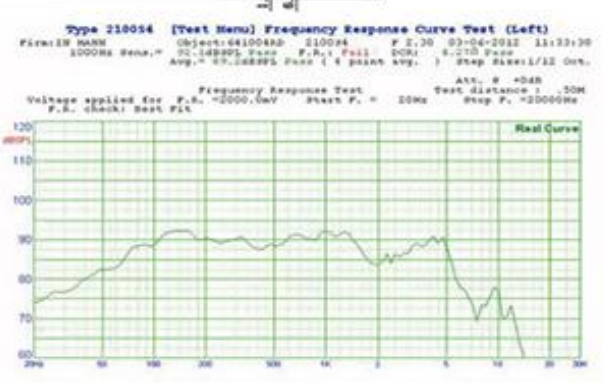
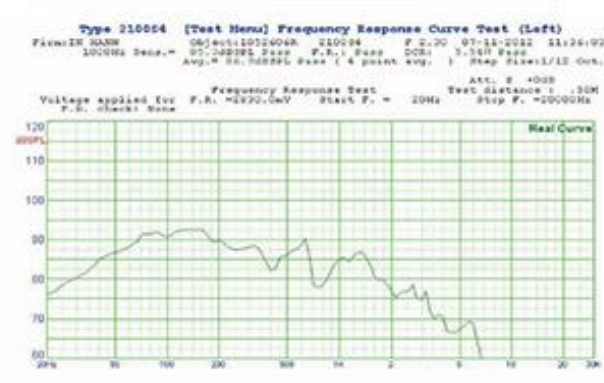
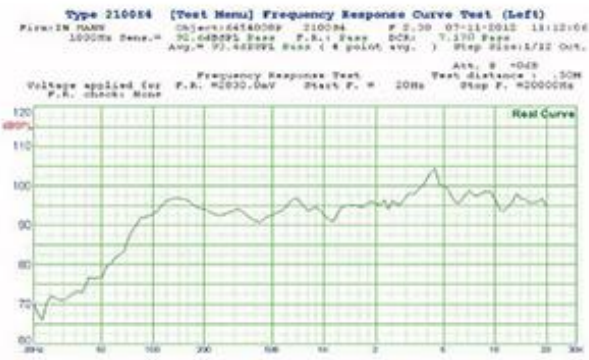
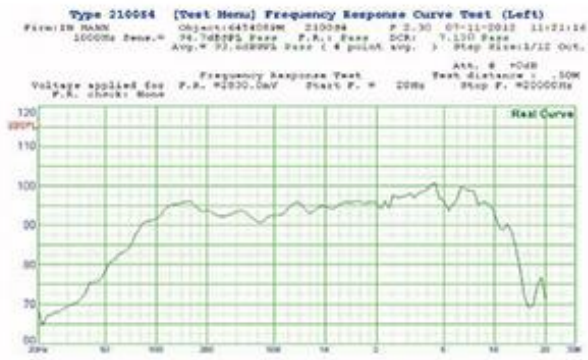
164615-08L

Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 File:IN HANN Object:177632L 210054 P 2.30 07-11-2012 11:44:10
 1000Hz Sens.= 31.5dBFS Pass F.R.: Pass DC: 7.510 Pass
 Avg.= 85.5dBFS Pass (4 point avg.) Step Size:1/12 Oct.
 Frequency Response Test Att. @ +0dB Test distance: .50M
 Voltage applied for F.R.: +2830.0uV Start F.: 20Hz Stop F.: +20000Hz
 F.R. check: None



Type 210054 [Test Menu] Frequency Response Curve Test (Left)
 File:IN HANN Object:164615L 210054 P 2.30 07-11-2012 09:09:14
 1000Hz Sens.= 30.5dBFS Pass F.R.: Fail DC: 7.120 Pass
 Avg.= 85.5dBFS Pass (4 point avg.) Step Size:1/12 Oct.
 Frequency Response Test Att. @ +0dB Test distance: .50M
 Voltage applied for F.R.: +2870.0uV Start F.: 20Hz Stop F.: +20000Hz
 F.R. check: Best Fit







30360-08SM 低頻

中音清晰，低音混厚高級海棉邊材質，外型美觀台灣製造。

阻尼板採用日本進口Conse材質，耐久不易疲乏，非一般2層線圈本商品使用4層線圈捲繞，低音更加混厚紮實耐聽，紙盆音圈阻尼板連接點使用日本進口壓克力膠水，耐高溫有如鑽石般硬度商品耐用持久。

外徑及高度 Outer Dimensions and Height	外徑(Outer Dimensions)78 mm 高度(Height)38.6 ± 1mm
功率 Rated (Max.) Input	10W (12 W)
阻抗 Voice Coil Imp	8 ± 1.2Ω (400Hz 1 V)
最低共振頻率 (to Lowest Resonance Frequency)	95 ± 19Hz (1 V)
音壓 Sound Pressure Level	85 ± 2dB (1 W 1m) ((0.6) (0.8) (1.0) (1.2) kHz)
偏差率 Frequency Response Deviaton	25dB max. (fo15 K Hz)
磁束密度 Flux Density	6300 ± 10% Gauss
極性 Polarity	直流電流端子標示 "+" 為正極 When a positive D.C current is applied to the voice coil terminal marked "+". The diaphragm shall move forward."
異常音 Sine wave	8 V
淨重 Weight	293 g
磁鐵 Magne	正磁：65x32x10mm(oz) 反磁：mm(oz)
常溫壽命 Room temperature Life	10W 96 小時 在正常溫度濕度測試時間 Hours at normal temperature and humidity
耐熱性 Heat Resistance	70 ± 2°C 96 Hours 20~50 % RH
耐溼性 Humidity Resistance	40 ± 2°C 96 Hours 90~95 % RH
耐寒性 Cold Resistance	-20 ± 2°C 96 Hours

Type 210014 [Text Menu] Frequency Response Curve Test (Left)
File: 35 KAW Object: 20180228 210014 P 2.30 26-14-0812 14.43.30
1000Hz 80dB, 27.148000 Hz, P.N. 1, P. 1, DCB, 1.0dB Peak
Avg. 0.56743448, Durr C 3, polar, vsp. 3 Step 8144/12 Oct.
ATT. 0 0dB
Voltage applied: 10V P.A. 10000.0dB 200Hz P. 1 200Hz Amp P. 118300Hz
P.E. 1500Hz Best Fit.





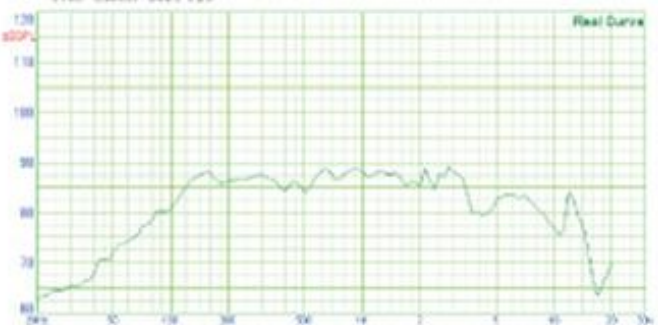
30430-08P 低頻

中音清晰，低音混厚音質優美，高級橡膠邊材質，台灣製造。

阻尼板採用日本進口Conse材質，耐久不易疲乏，非一般2層線圈本商品採用4層線圈捲繞，低音更加混厚紮實耐聽，紙盆音圈阻尼板連接點使用日本進口壓克力膠水，耐高溫有如鑽石般硬度商品耐用持久。

Type 211004 [Test Item] Frequency Response Curve Test (Left)
File: 211004.DAT Object: 211004 211004 P 1.20 01-02-1812 11:04:18
1000Hz Band: 40.148895 Hz P.N.: P.11 DC: 1.000000
Avg: 0.000000 Peak: 1.000000 Step: 0.000000/10 dB

Frequency Response Test Peak deviation: 1.0000
Voltage applied for P.N.: 2450.0mV Meas P.: 2110 Step P.: 0.000000
P.L. Offset: 0.000000

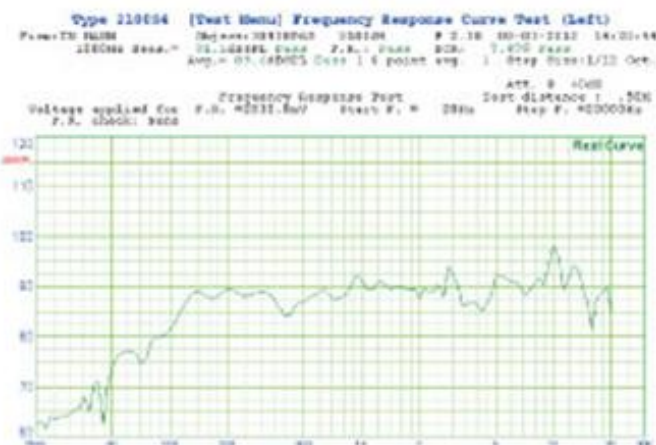


外徑及高度 Outer Dimensions and Height	外徑(Outer Dimensions)78 mm 高度(Height)38.6 ± 1mm
功率 Rated (Max.) Input	15 W (20 W)
阻抗 Voice Coil Imp	8 ± 1.2Ω (350Hz 1 V)
最低共振頻率 (to Lowest Resonance Frequency	95 ± 19Hz (1 V)
音壓 Sound Pressure Level	88 ± 3dB (1 W 0.5m) { (0.6) (0.8) (1.0) (1.2) kHz}
偏差率 Frequency Response Deviaton	25dB max. (fo15 K Hz)
磁束密度 Flux Density	8300 ± 10% Gauss
極性 Polarity	直流電流錐子標示 "+" 為正極 When a positive D.C current is applied to the voice coil terminal marked "+". The diaphragm shall move forward.*
異常音 Sine wave	10.2V
淨重 Weight	315 g
磁鐵 Magne	正磁：65x32x10mm(oz) 反磁： mm(oz)
常溫壽命 Room temperature Life	15 W 96 小時在正常溫度濕度測試時間 Hours at normal temperature and humidity
耐熱性 Heat Resistance	70 ± 2°C 96 Hours 20~50 % RH
耐溼性 Humidity Resistance	40 ± 2°C 96 Hours 90~95 % RH
耐寒性 Cold Resistance	-20 ± 2°C 96 Hours



30430-08P6S 全音域

紙盆多層次塗裝色澤紮實鮮艷，SPL效率音壓高，音域寬廣音質優美，台灣製造。阻尼板採用日本進口Conse材質，耐久不易疲乏，紙盆音圈阻尼板連接點使用日本進口壓克力膠水耐高溫，有如鑽石般硬度商品耐用持久。



外徑及高度 Outer Dimensions and Height	外徑(Outer Dimensions)78 mm 高度(Height)38.6 ± 1mm
功率 Rated (Max.) Input	10 W (15 W)
阻抗 Voice Coil Imp	8 ± 1.2Ω (500Hz 1 V)
最低共振頻率 fo(Lowest Resonance Frequency)	135 ± 27Hz (1 V)
音壓 Sound Pressure Level	90 ± 3dB (1 W 0.5m) { (0.6) (0.8) (1.0) (1.2) kHz}
偏差率 Frequency Response Deviaton	25dB max. (fo20 K Hz)
磁束密度 Flux Density	10000 ± 10% Gauss
極性 Polarity	直流電流端子標示 "+" 為正極 When a positive D.C current is applied to the voice coil terminal marked "+", The diaphragm shall move forward."
異常音 Sine wave	8.9 V
淨重 Weight	314 g
磁鐵 Magne	正磁：65x32x10mm (oz) 反磁： mm (oz)
常溫壽命 Room temperature Life	10 W 96 小時在正常溫度濕度測試時間 Hours at normal temperature and humidity
耐熱性 Heat Resistance	70 ± 2 °C 96 Hours 20~50 % RH
耐溼性 Humidity Resistance	40 ± 2°C 96 Hours 90~95 % RH
耐寒性 Cold Resistance	-20 ± 2°C 96 Hours

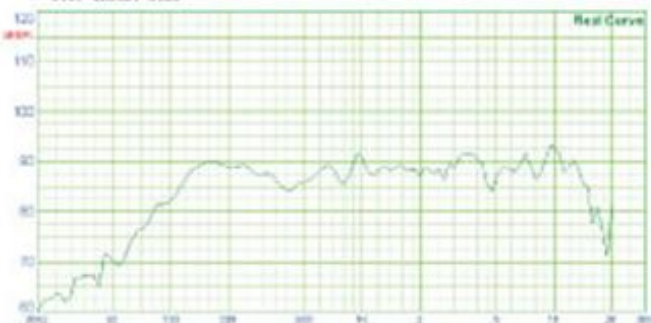


30430-08P7S 全音域

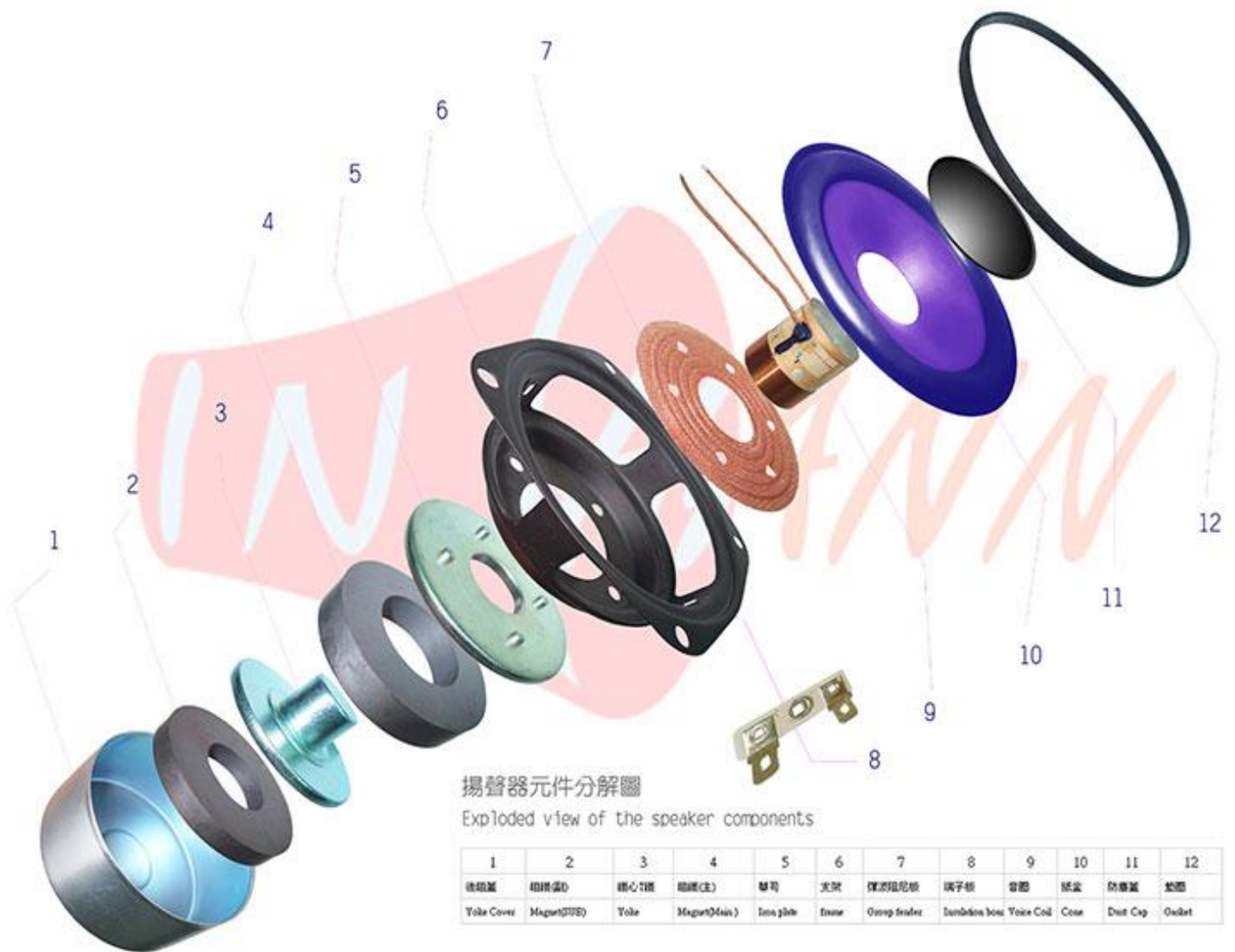
塑膠射出PP紙盆，具防水功能，音質優美，外型美觀搭配子彈型防塵蓋更佳表現音域寬廣，台灣製造

阻尼板採用日本進口Conse材質，耐久不易疲乏，4層線圈卷繞，低音更加濃厚，紙盆音圈阻尼板連接點使用日本進口壓克力膠水耐高溫，有如鑽石般硬度商品耐用持久。

Type 210954 [Test Menu] Frequency Response Curve Test (Left)
 Power: 10 W RMS Impedance: 8Ω ± 1.2Ω F.S. 1 Pass DCA: 1.000 Pass
 1000Hz 0.000V F.S. 1 Pass DCA: 1.000 Pass
 Avg. = 00.000000 Error < 1 point avg. > Stop Date: 1/12 Oct.
 ATT: 8 140
 Frequency Response Test Test Distance: 1.500
 Voltage applied for F.S. = 0.0030.00V Start F. = 20Hz Stop F. = 20000Hz
 F.S. check! Pass

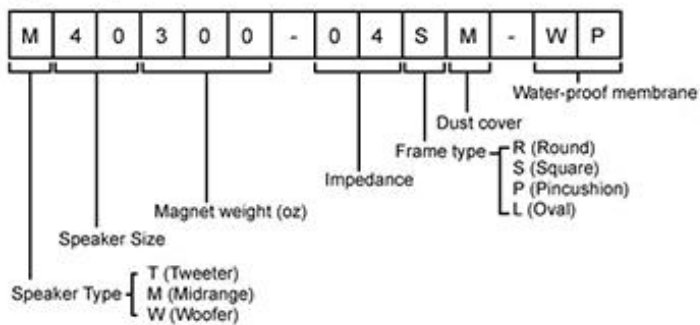


外徑及高度 Outer Dimensions and Height	外徑(Outer Dimensions)79 mm 高度(Height)43.5 ± 1mm
功率 Rated (Max.) Input	10W (15 W)
阻抗 Voice Coil Imp	8 ± 1.2Ω (450Hz 1 V)
最低共振頻率 (fo) Lowest Resonance Frequency	120 ± 24Hz (1 V)
音壓 Sound Pressure Level	89 ± 3dB (1 W 0.5m) { (0.6) (0.8) (1.0) (1.2) kHz}
偏差率 Frequency Response Deviation	25dB max. (fo18 K Hz)
磁束密度 Flux Density	10000 ± 10% Gauss
極性 Polarity	直流電流端子標示 "+" 為正極 When a positive D.C current is applied to the voice coil terminal marked "+", The diaphragm shall move forward."
異常音 Sine wave	8.9 V
淨重 Weight	310 g
磁鐵 Magne	正磁：65x32x10mm(oz) 反磁：mm(oz)
常溫壽命 Room temperature Life	10 W 96 小時在正常溫度濕度測試時間 Hours at normal temperature and humidity
耐熱性 Heat Resistance	70 ± 2°C 96 Hours 20~50 % RH
耐溼性 Humidity Resistance	40 ± 2°C 96 Hours 90~95 % RH
耐寒性 Cold Resistance	-20 ± 2°C 96 Hours





Speaker Specification Instruction



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