

PIONEER TS-D10D4 Component Subwoofer



# PIONEER TS-D10D4 Component Subwoofer Instruction Manual

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# Pioneer

**PIONEER TS-D10D4 Component Subwoofer**



TS-D12D4 TS-D10D4 2000wMt-x./NOM.600w  
TS-D12D2 TS-D10D2 15QQWMtK./NOM.5QQw

## **CAR-USE COMPONENT SUBWOOFER**

Be sure to read this instruction manual before installing this speaker.

### **WARNING**

The sealed enclosure series subwoofers are capable of reproducing music at extremely loud levels. Caution should be exercised to prevent permanent hearing loss. Additionally, driving with the system at high volume levels could impair your ability to hear emergency vehicles.

### **CAUTION**

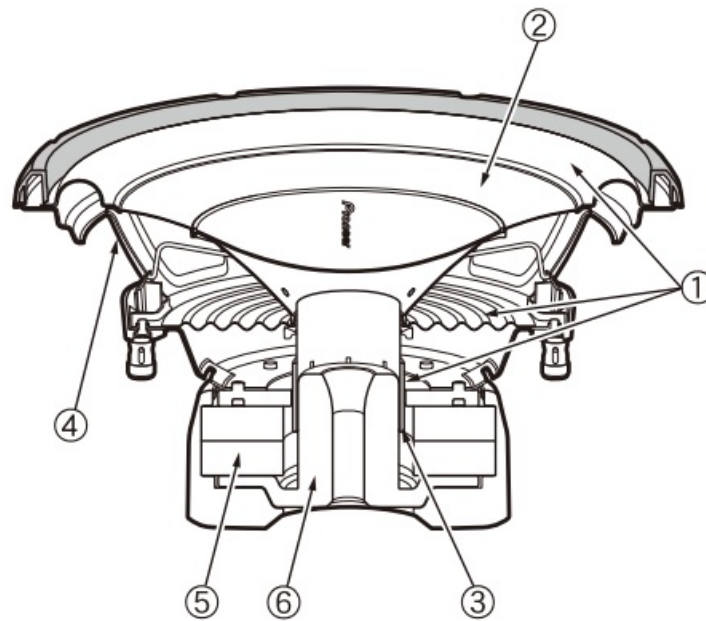
- To prevent damage to your speakers please observe the following caution.
- At high volume levels if the music sounds distorted or additional sounds are perceived lower the volume.
- PIONEER recommends that this speaker be used in conjunction with amplifiers whose continuous (RMS) output is lower than the nominal input power of this speaker.
- Since this speaker is continuously used being turned on full blast, temperature of the magnetic circuit rises, avoid touching it directly by hand and placing something near it. If it is heated, it may cause a burn, deformation or damage to peripheral things.
- If this product is used in free-air conditions (without an enclosure), insufficient damping causes the sound without accuracy and reduces the power handling capability to 1/4 of its usual levels. It may result in permanent damage to the product.

Information Note for Customers in Russia and CIS countries.

## **FEATURES**

1. High Dynamic Range delivers superior bass response and high linearity with wide dynamics and extremely low distortion.

2. Aramid fiber interlaced IMPP™ cone reproduces extraordinarily accurate and detailed bass.
3. Extended voice coil combined with a rubber surround increases linear stability even during high excursion and high output.
4. Heavy gauge steel woofer basket provides high strength supporting an oversized magnetic motor structure.
5. Powerful motor assembly optimized using finite element analysis reproduces “Deep & Accurate” bass sound.
6. Vented and projected pole yoke design provides more efficient heat dissipation and superior linearity during high excursion.

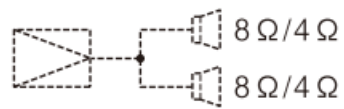


## DVC

### (DUAL VOICE COIL) CONNECTION

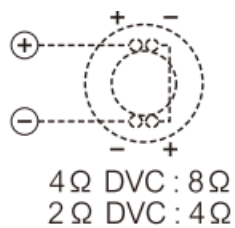
#### connection

- 4 Ω / 2 Ω Bridged mono (Parallel)
- 2 Ω / 1 Ω Stereo
- 2 Ω / 1 Ω Bridged mono



### Speaker wiring

- 8 Q/4Q Wiring
- 2 0. /1 Q Wiring
- 2Q/1 Q Wiring



- Advantage
- Good for higher sensitivity
- Good for higher sensitivity

- Good for channel separation
- Good for higher sensitivity

Notice: Verify that yoLr amplifier can operate in 2 0 / 1 Q mono configuration.

**CAUTION:** Never connect only one voice coil of this Dual Voice Coil (DVC) speaker. Both voice coils must be connected to the amplifier for correct operation.

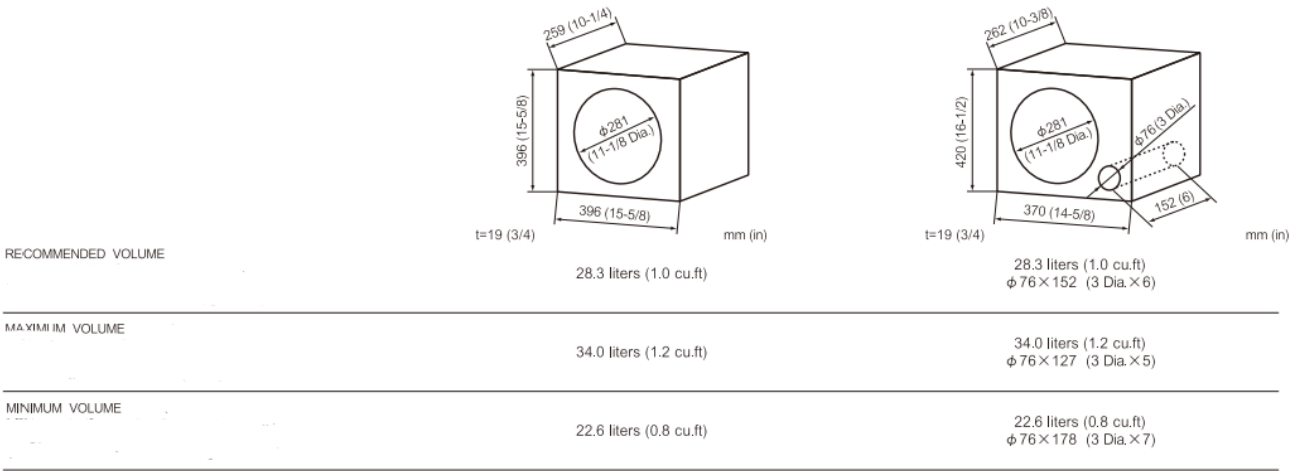
## SPECIFICATIONS

C	Size	Nominal power	Max.music power	Nominal impedance	Sensitivity	Frequency response	Magnet weight	Displacement.l.eH Me	Rev c (Q )	Le ve (m H)	Fs (H z)	Q m s	Q es	Qt s	V as (lit ar s) (c u. ft)	R ms (N .S/ m)	M m s ( g)	C ms (rr vN )	Di a m (m m) (in ch )	BL (T. m)	X m ax ( m m ) (ri ch )
T S-D 12 D 4	30 c m (1 2" )	soo w	200 0W	4 Q DV C	78 dB (1 W / 1 m)	20 Hz To 4.7 kHz (-2 0 d B)	2 1 00 g ( 74 oz)	1.3 3 li ter s ( 0.0 47 cu. fl)	D ua l 1 3 .3	4. 52 (8 Q)	34	9. 75	0. 74	0. 69	47 .9 1. 69	3. 92	18 3	1. 3× 10 -4	25 6 10 .1	19. 2( 8Q ) 9.5 (2 Q)	13 .0 0. 51
T S-Dt 2 D 2	30 c m (1 2" )	600 W	200 0W	2 QD VC	76 dB (1 W/ 1 m)	20 Hz To 4.7 kHz (-2 0 d B)	2 1 00 g ( 74 oz)	1.3 3 ll ter s ( 0.0 47 cu. ft)		2. 80 {4 Q) 0. 72 (1 Q)		33	9. 71	0. 69	0. 64	46 2 1. 63	4. 13	19 3	1. 2× 10 -4	25 6 10 .1	14. 6( 4Q ) 7.3 (1 Q)

T S- D 10 D 4	25 c m (1 0")	500 W	150 0W	4 QD VC	76 dB (1 W / 1 m)	20 Hz To 6.6 kHz z (-2 0 d B)	1 6 00 g ( 56 oz)	0.9 6 ll ter s ( 0.0 34 cu. tt)	.6  D ua ll .7	4. 31 (8 Q)	1. 08 (2 Q)	41	8. 41	0. 85	0. 77	22 .3 0. 79	3. 69	12 4	1. 4X t0- 4	20 9 a2	16. 1( 8Q ) 8.0 (2 Q)	10 .8 0. 42
T S- 01 00 2	25 c m (1 0")	500 W	150 0W	2 QD VC	74 dB (1 W/ 1 m)	20 Hz To 6.6 kHz z (-2 0 d B)	1 6 00 g ( 56 oz)	0.9 6 li ter s ( 0.0 34 cu. ft)		2. 59 (4 Q)	0. 66 (1 Q)	40	8. 74	0. 76	0. 70	20 .9 0. 74	3. 76	13 1	1. 2x 1o -4	20 9 8. 2	12. 7( 4Q ) 6.4 (1 Q)	9. 8 0. 38

RECOMMENDED

TS-D12D4 / TS-D12D2

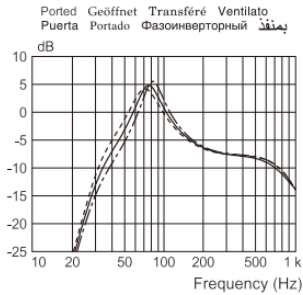
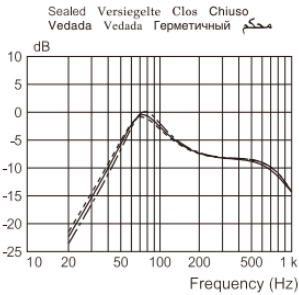


TS-D10D4 / TS-D10D2

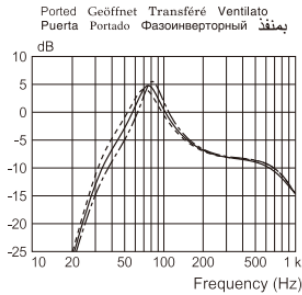
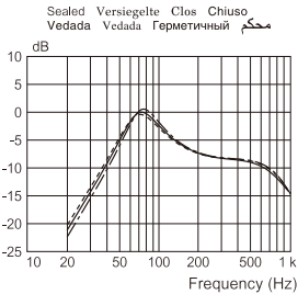
RECOMMENDED VOLUME	19.8 liters (0.7 cu.ft)	19.8 liters (0.7 cu.ft) φ 51 × 127 (2 Dia. × 5)
MAXIMUM VOLUME	22.6 liters (0.8 cu.ft)	22.6 liters (0.8 cu.ft) φ 51 × 102 (2 Dia. × 4)
MINIMUM VOLUME	14.2 liters (0.5 cu.ft)	17.0 liters (0.6 cu.ft) φ 51 × 152 (2 Dia. × 6)

## CHARACTERISTIC

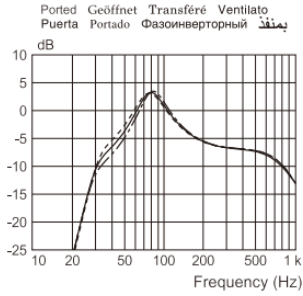
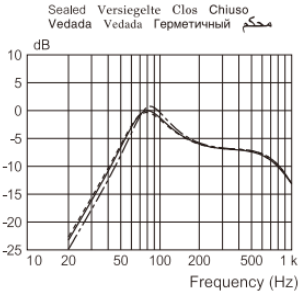
### TS-D12D4



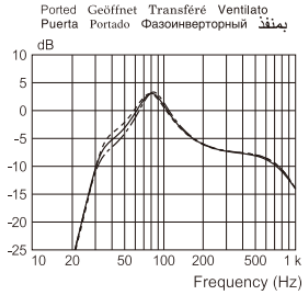
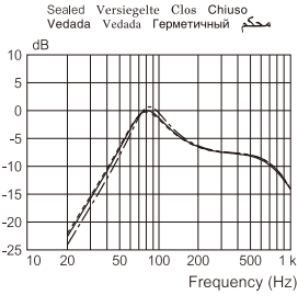
### TS-D12D2



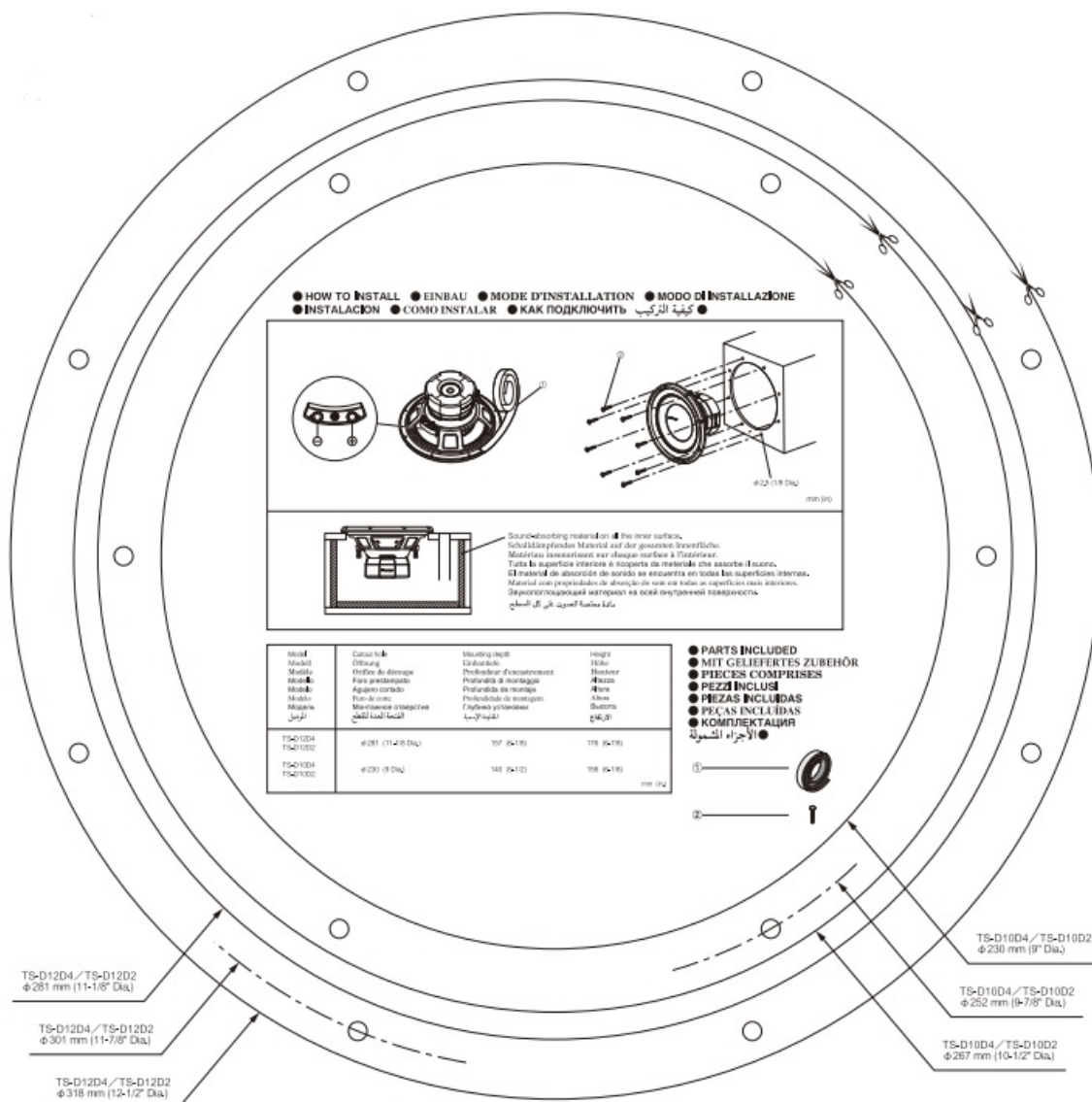
### TS-D10D4



### TS-D10D2



## TEMPLATE



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## Documents / Resources

	<p><b>PIONEER TS-D10D4 Component Subwoofer</b> [pdf] Instruction Manual          TS-D10D4 Component Subwoofer, TS-D10D4, Component Subwoofer, Subwoofer</p>
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## References

- [Manual-Hub.com](https://www.manual-hub.com) - Free PDF manuals!
- [User Manual](#)