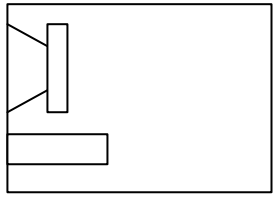
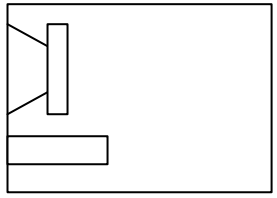
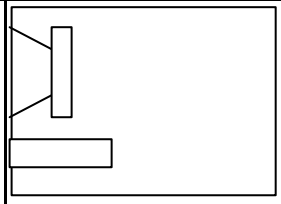
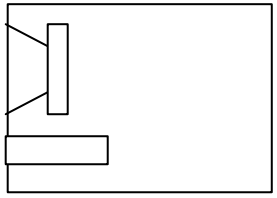
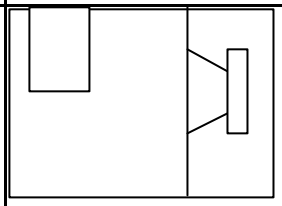
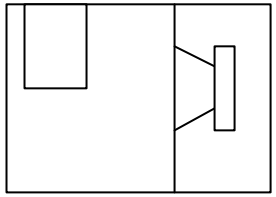
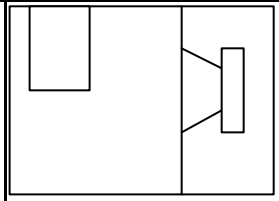
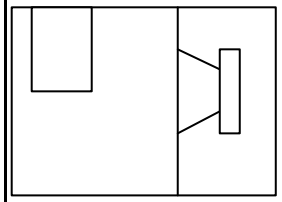
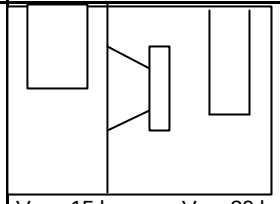
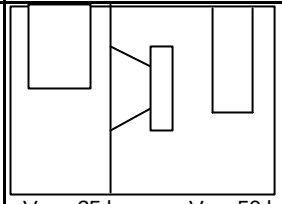
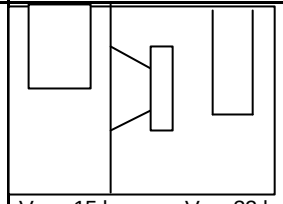
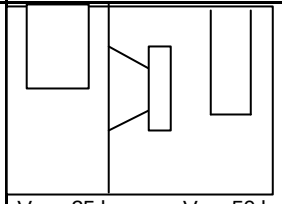
Bauvorschläge AUDIO SYSTEM Subwoofer (Innenvolumen incl. Subwoofer und Bassreflexrohr)

BOX	AX 10	AX 12	WX 10	WX 12	
SEALED (Geschlossen)					
PORTED (Bassreflex)	 V = 29 l d = 7 cm l = 16 cm f = 40 Hz	 V = 48 l d = 10 cm l = 22 cm f = 40 Hz	 V = 29 l d = 7 cm l = 25 cm f = 35 Hz	 V = 60 l d = 10 cm l = 15 cm f = 34 Hz	
IISOBARIC 5th (Einfach-ventilierter Bandpass)	 V_1= 25 l V_2 = 20 l d = 10 cm l = 15 cm f = 65 Hz	 V_1= 40 l V_2 = 30 l d = 15 cm l = 20 cm f = 65 Hz	 V_1= 22 l V_2 = 15 l d = 10 cm l = 20 cm f = 60 Hz	 V_1= 40 l V_2 = 26 l d = 15 cm l = 22 cm f = 60 Hz	
IISOBARIC 7th (Doppel-ventilierter Bandpass)	 V_1 = 15 l V_2 = 30 l d_1 = 10 cm d_2 = 7 cm l_1 = 15 cm l_2 = 25 cm f_1 = 80 Hz f_2 = 36 Hz	 V_1 = 25 l V_2 = 50 l d_1 = 15 cm d_2 = 10 cm l_1 = 20 cm l_2 = 28 cm f_1 = 79 Hz f_2 = 36 Hz	 V_1 = 15 l V_2 = 32 l d_1 = 10 cm d_2 = 7 cm l_1 = 18 cm l_2 = 23 cm f_1 = 78 Hz f_2 = 35 Hz	 V_1 = 25 l V_2 = 50 l d_1 = 15 cm d_2 = 10 cm l_1 = 20 cm l_2 = 28 cm f_1 = 78 Hz f_2 = 35 Hz	
ORIGINAL-BOXESl	AX 10 BR	AX 12 BR AX 12 BP AX 12 BR2	AX 10 BR	WX 12 BR WX 12 BP WX 12 BR2	

Thiele Small Parameter

AX 10

f_s = 35 Hz
Q_{fs} = 0.3
V_{AS} = 60 L

AX 12

f_s = 35 Hz
Q_{fs} = 0.4
V_{AS} = 90 L

WX 10

f_s = 30 Hz
Q_{fs} = 0.35
V_{AS} = 40 L

WX 12

f_s = 33 Hz
Q_{fs} = 0.39
V_{AS} = 85 L