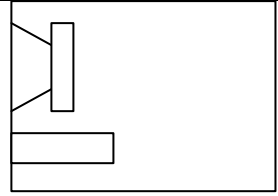
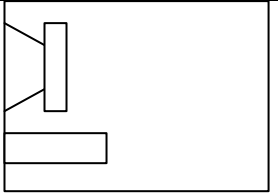
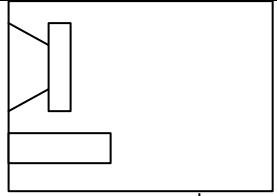
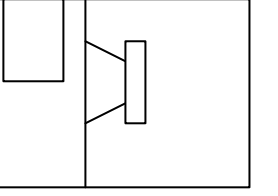
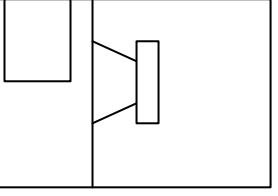
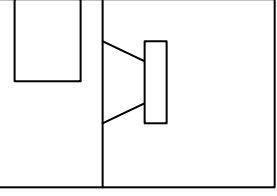
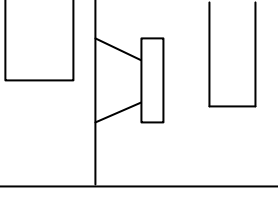
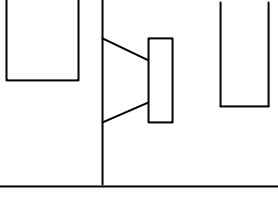


Construction plan for AUDIO SYSTEM Subwoofer (Volume includes Subwoofer and Port)

BOX	RADION 10	RADION 12	RADION 15	THIELE SMALL PARAMETER
PORTED (Bassreflex)	 <p>V = 28 l d = 7 cm l = 15 cm f = 45 Hz</p>	 <p>V = 48 l d = 10 cm l = 28 cm f = 42 Hz</p>	 <p>V = 95 l d = 15 cm l = 32 cm f = 35 Hz</p> <p>oder FREEAIR</p>	<u>RADION 15</u> $f_s = 23 \text{ Hz}$ $Q_{ts} = 0.51$ $V_{AS} = 175 \text{ L}$
ISOBARIC 5th (Einfach-ventilierter Bandpass)	 <p>$V_1 = 25 \text{ l}$ $V_2 = 19 \text{ l}$ d = 10 cm l = 28 cm f = 65 Hz</p>	 <p>$V_1 = 40 \text{ l}$ $V_2 = 25 \text{ l}$ d = 15 cm l = 26 cm f = 60 Hz</p>	 <p>$V_1 = 50 \text{ l}$ $V_2 = 35 \text{ l}$ d = 15 cm l = 20 cm f = 60 Hz</p>	<u>RADION 12</u> $f_s = 30 \text{ Hz}$ $Q_{ts} = 0.47$ $V_{AS} = 93 \text{ L}$
ISOBARIC 7th (Doppel-ventilierter Bandpass)	 <p>$V_1 = 17 \text{ l}$ $V_2 = 30 \text{ l}$ d₁ = 10 cm d₂ = 7 cm l₁ = 16 cm l₂ = 20 cm f₁ = 78 Hz f₂ = 40 Hz</p>	 <p>$V_1 = 25 \text{ l}$ $V_2 = 50 \text{ l}$ d₁ = 15 cm d₂ = 10 cm l₁ = 15 cm l₂ = 25 cm f₁ = 80 Hz f₂ = 40 Hz</p>		<u>RADION 10</u> $f_s = 41 \text{ Hz}$ $Q_{ts} = 0.5$ $V_{AS} = 34 \text{ L}$
Original Boxes	RADION 10 R	RADION 12 BR RADION 12 BR-2 RADION 12 BP	RADION 15 BR	