

GAE BR series BR118-MHE / BR218-MHE

BR118 with Mid/High Extension
BR218 with Mid/High Extension

BR118 / BR218

Gain: adjust Delay: adjust Phase: +

HPF: 30Hz Butterworth 18dB/oct. (3rd order)

LPF: 90Hz Linkwitz/Riley 24dB/oct. (4th order)

Band-EQ1: 38Hz Q=3,0 B/W=0,48 Gain: +1,0...+4,0dB (Bass boost)

Top (full-range loudspeaker 12"...15" vented)

Gain: 0dB Delay: 0,0ms Phase: +

HPF: 108Hz Butterworth 24dB/oct. (4th order)

LPF: bypass

Input EQs (Pre-EQs)

PEQ1: 105Hz Q=3,0 B/W=0,48 Gain: 0...-3,0dB (Level reduction crossover)

GAE BR series BR115-MHE / BR215-MHE

BR115 with Mid/High Extension
BR215 with Mid/High Extension

BR115 / BR215

Gain: adjust Delay: adjust Phase: +

HPF: 30Hz Butterworth 18dB/oct. (3rd order)

LPF: 90Hz Linkwitz/Riley 24dB/oct. (4th order)

Band-EQ1: 40Hz Q=3,0 B/W=0,48 Gain: +1,5...+4,5dB (Bass boost)

Top (full-range loudspeaker 12"...15" vented)

Gain: 0dB Delay: 0,0ms Phase: +

HPF: 108Hz Butterworth 24dB/oct. (4th order)

LPF: bypass

Input EQs (Pre-EQs)

PEQ1: 105Hz Q=3,0 B/W=0,48 Gain: 0...-3,0dB (Level reduction crossover)

GAE BR series BR15N

BR15N with full-range top

BR15N

Gain: adjust Delay: adjust Phase: +

HPF: 30Hz Butterworth 18dB/oct. (3rd order)

LPF: 100Hz Linkwitz/Riley 24dB/oct. (4th order)

Band-EQ1: 42Hz Q=4,0 B/W=0,36 Gain: **+3,0...+6,0dB** (Bass boost)

Band-EQ2: 300Hz HiSHF 2nd B/W=1,9 Gain: -3,0dB

Band-EQ3: 330Hz Q=3,0 B/W=0,48 Gain: -4,0dB

Top (full-range loudspeaker, vented)*

Gain: 0dB Delay: 0,0ms Phase: +

HPF: 105Hz Butterworth 18dB/oct. (3rd order)

LPF: bypass

** Depending on type and application of the top system the crossover frequency and slope of the full-range high pass filter may vary.*

Input EQs (Pre-EQs)

PEQ1: 105Hz Q=4,0 B/W=0,36 Gain: **0,0...-3,0dB** (Level reduction crossover)

GAE BR series BR12N

BR12N with full-range top

BR12N

Gain: adjust Delay: adjust Phase: +

HPF: 35Hz Butterworth 18dB/oct. (3rd order)

LPF: 100Hz Linkwitz/Riley 24dB/oct. (4th order)

Band-EQ1: 45Hz Q=4,0 B/W=0,36 Gain: **+3,0...+6,0dB** (Bass boost)

Band-EQ2: 300Hz HiSHF 2nd B/W=1,9 Gain: -3,0dB

Band-EQ3: 300Hz Q=4,0 B/W=0,36 Gain: -3,0dB

Top (full-range loudspeaker, vented)*

Gain: 0dB Delay: adjust Phase: +

HPF: 105Hz Butterworth 18dB/oct. (3rd order)

LPF: bypass

** Depending on type and application of the top system the crossover frequency and slope of the full-range high pass filter may vary.*

Input EQs (Pre-EQs)

PEQ1: 105Hz Q=4,0 B/W=0,36 Gain: **0,0...-3,0dB** (Level reduction crossover)

GAE BR series BR15-MHE

BR15 with Mid/High Extension

BR15

Gain: adjust Delay: adjust Phase: +

HPF: 30Hz Butterworth 18dB/oct. (3rd order)

LPF: 95Hz Linkwitz/Riley 24dB/oct. (4th order)

Band-EQ1: 40Hz Q=3,0 B/W=0,48 Gain: +3,0...+5,0dB (Bass boost)

Top (small full-range loudspeaker 6" ...10" vented)

Gain: 0dB Delay: 0,0ms Phase: +

HPF: 105Hz Butterworth 18dB/oct. (3rd order)

LPF: bypass

GAE BR series BR12-40

BR12 (40Hz) with full-range top

BR12

Gain: adjust Delay: adjust Phase: +

HPF: 30Hz Butterworth 18dB/oct. (3rd order)

LPF: 100Hz Linkwitz/Riley 24dB/oct. (4th order)

Band-EQ1: 42Hz Q=3,0 B/W=0,48 Gain: 0,0...+5,0dB (Bass boost)

Top (small full-range loudspeaker 6"...10" vented)

Gain: 0dB Delay: adjust Phase: +

HPF: 100Hz Butterworth 12dB/oct. (2nd order)

LPF: bypass

Input EQs (Pre-EQs)

PEQ1 : 66Hz Q=4,5 B/W=0,32 Gain: -6,0dB (-3,0...-6,0dB variable)

PEQ2 :100Hz Q=5,0 B/W=0,29 Gain: 0...-3,0dB (Level reduction crossover)