

Crossover and EQ settings for Impulse 3i - 3t (2 way active)

Vertical Positioning

Impulse 3i-3t LF (12")

Level 0.0dB / Polarity + / Delay 000.042 ms (0.014 meters)

Hi Pass filter : 119 Hz / But / 24 dB/oct
Lo Pass filter : 806 Hz / But / 18 dB/oct

EQ 1 : Gain -5.0dB / Freq 498 Hz / BW 0.32 oct (Q=4.50) / Type PEQ
EQ 2 : Gain -1.5dB / Freq 239 Hz / BW 0.20 oct (Q=7.21) / Type PEQ
EQ 3 : Gain +3.0dB / Freq 332 Hz / BW 0.22 oct (Q=6.55) / Type PEQ
EQ 4 : Gain +4.0dB / Freq 151 Hz / BW 0.32 oct (Q=4.50) / Type PEQ

Limiter* : Threshold -1.0dB / Attack 8ms / Release 8x (64ms)

Impulse 3i-3t MHF (6.5 + 1")

Level -8.0dB / polarity + / Delay 000.000 ms (0.000 meters)

Hi Pass filter : 806 Hz / But / 48 dB/oct
Lo Pass filter : out

EQ 1 : Gain +3.0dB / Freq 1208 KHz / BW 0.20 oct (Q=7.21) / Type PEQ
EQ 2 : Gain +2.5dB / Freq 4063 KHz / BW 0.20 oct (Q=7.21) / Type PEQ
EQ 3 : Gain -2.5dB / Freq 3044 KHz / BW 0.24 oct (Q=6.00) / Type PEQ

Limiter* : Threshold -12.0dB / Attack 8ms / Release 8x (64ms)

Horizontal Positioning

Impulse 3i-3t LF (12")

Level 0.0dB / Polarity + / Delay 000.042 ms (0.014 meters)

Hi Pass filter : 119 Hz / But / 24 dB/oct
Lo Pass filter : 806 Hz / But / 18 dB/oct

EQ 1 : Gain -5.0dB / Freq 498 Hz / BW 0.32 oct (Q=4.50) / Type PEQ
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Limiter* : Threshold -1.0dB / Attack 8ms / Release 8x (64ms)

Impulse 3i-3t MHF (6.5 + 1")

Level -8.0dB / polarity + / Delay 000.000 ms (0.000 meters)

Hi Pass filter : 806 Hz / But / 48 dB/oct
Lo Pass filter : out

EQ 1 : Gain +2.0dB / Freq 1208 KHz / BW 0.20 oct (Q=7.21) / Type PEQ
EQ 2 : Gain +2.5dB / Freq 4063 KHz / BW 0.20 oct (Q=7.21) / Type PEQ
EQ 3 : Gain -3.5dB / Freq 3044 KHz / BW 0.24 oct (Q=6.00) / Type PEQ

Limiter* : Threshold -12.0dB / Attack 8ms / Release 8x (64ms)

* Limiter settings based on an amplifier input sensitivity of 1.4V