

**Crossover and EQ settings for
Stasys X and Stasys 3 Mk 2
2009 revision (3 way active)**

Stasys X

Level +3.0dB / Polarity + / Delay 000.000 ms (0.000 meters)

Hi Pass filter : 30 Hz / But / 24 dB/oct

Lo Pass filter : 119 Hz / But / 24 dB/oct

EQ 1 : Gain -1.0dB / Freq 93 Hz / BW 0.24 oct (Q=6.00) / Type PEQ

Limiter* : Threshold +4.0dB / Attack 8ms / Release 8x (64ms)

**Stasys 3
Low Mid
(12")**

Level 0.0dB / Polarity + / Delay 003.396 ms (1.173 meters)

Hi Pass filter : 119 Hz / L-R / 24 dB/oct

Lo Pass filter : 905 Hz / But / 24 dB/oct

EQ 1 : Gain -2.0dB / Freq 366 Hz / BW 0.24 oct (Q=6.00) / Type PEQ

Limiter* : Threshold -3.0dB / Attack 8ms / Release 8x (64ms)

**Stasys 3
Hi Mid/HF
(6.5" + HF)**

Level -3.5dB / polarity - / Delay 003.542 ms (1.224 meters)

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

Lo Pass filter : out

EQ 1 : Gain +3.0dB / Freq 1581 KHz / BW 0.20 oct (Q=7.21) / Type PEQ

EQ 2 : Gain -3.0dB / Freq 7671 KHz / BW 0.30 oct (Q=4.80) / Type PEQ

EQ 3 : Gain -3.5dB / Freq 3620 KHz / BW 0.44 oct (Q=3.27) / Type PEQ

EQ 4 : Gain +3.5dB / Freq 11945 KHz / Type 12 dB/oct Hi Shelf

Limiter* : Threshold -3.0dB / Attack 8ms / Release 8x (64ms)

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

**Crossover and EQ settings for
Stasys X and Stasys 3 Mk 2
2009 revision (4 way active)**

- Stasys X** Level +3.0dB / Polarity + / Delay 000.000 ms (0.000 meters)

 Hi Pass filter : 30 Hz / But / 24 dB/oct
 Lo Pass filter : 119 Hz / But / 24 dB/oct

 EQ 1 : Gain -1.0dB / Freq 93 Hz / BW 0.24 oct (Q=6.00) / Type PEQ

 Limiter* : Threshold +4.0dB / Attack 8ms / Release 8x (64ms)
- Stasys 3
Low Mid
(12")** Level 0.0dB / Polarity + / Delay 003.396 ms (1.173meters)

 Hi Pass filter : 119 Hz / L-R / 24 dB/oct
 Lo Pass filter : 905 Hz / L-R / 36 dB/oct

 EQ 1 : Gain -2.0dB / Freq 366 Hz / BW 0.24 oct (Q=6.00) / Type PEQ

 Limiter* : Threshold -3.0dB / Attack 8ms / Release 8x (64ms)
- Stasys 3
Hi Mid
(6.5")** Level 0.0dB / polarity - / Delay 003.500 ms (1.209 meters)

 Hi Pass filter : 806 Hz / L-R / 48 dB/oct
 Lo Pass filter : 3225 KHz / But / 24 dB/oct

 EQ 1 : Gain -1.5dB / Freq 1185 KHz / BW 0.38 oct (Q=3.79) / Type PEQ
 EQ 2 : Gain +4.5dB / Freq 2325 KHz / BW 0.36 oct (Q=4.00) / Type PEQ

 Limiter* : Threshold -3.0dB / Attack 8ms / Release 8x (64ms)
- Stasys 3
HF (1")** Level -1.5dB / polarity - / Delay 003.500 ms (1.209 meters)

 Hi Pass filter : 3225 KHz / But / 24 dB/oct
 Lo Pass filter : out

 EQ 1 : Gain -4.50dB / Freq 3551 KHz / BW 0.36 oct (Q=4.00) / Type PEQ
 EQ 2 : Gain +3.5dB / Freq 11945 KHz / Type 12 dB/oct Hi Shelf

 Limiter* : Threshold -3.0dB / Attack 8ms / Release 8x (64ms)

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