# EV RACE for Dx38

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|---|---|
| **Project:** | PX2152 X1 PX2181 X1 2-WAY DX38 CP3000S V1-0 |
| **Location:** | |
| **Company:** | Electro-Voice |
| **Street:** | 12000 Portland Ave. S |
| **City:** | Burnsville |
| **Zip-Code:** | 55337 |
| **State:** | MN |
| **Country:** | USA |
| **Author:** | NS |
| **Date:** | 11/07/06 |

## Comment:

1. Limiter settings assume a CP3000S. For use with a P3000, subtract 6 dBu from the limiter threshold on each output.2. Settings for (1) PX2152 and (1) PX2181 in a 2-way configuration (PX2152 Passive).3. Master EQ 1 on I nputs 1 and 2 can be adjusted by application or personal preference.

# RACE

Program Name: PX215281X12WV1-0 | User Memory: 1 | Configuration: Free
Author: NS | Revision: 1-0 | Date: 11/07/06

## Master Parameter

| | EQ 1 | EQ 2 | EQ 3 | EQ 4 | EQ 5 | DELAY |
|---|---|---|---|---|---|---|
| **Input 2**<br>Source:<br>Unused | Type PEQ<br>Freq 68 Hz<br>Q 2.4<br>Gain 0 dB | Type Bypass | Type Bypass | Type Bypass | Type Bypass | Time 2 ms<br>Distance<br>Temperature 20 °C |
| **Input 1** | Type PEQ<br>Freq 68 Hz<br>Q 2.4<br>Gain 0 dB | Type Bypass | Type Bypass | Type Bypass | Type Bypass | Time 2 ms<br>Distance<br>Temperature 20 °C |
| **Input 1+2**<br>Source:<br>Sum | | | | | | Time 2 ms<br>Distance<br>Temperature 20 °C |

## Channel Parameter

| | ROUTING | EQ 1 | EQ 2 | EQ 3 | EQ 4 | X-OVER | DELAY | DYNAMICS | LEVEL |
|---|---|---|---|---|---|---|---|---|---|
| **Output 4**<br>Usage:<br>PX2152 Passive | In 1 | Type PEQ<br>Freq 68 Hz<br>Q 2.8<br>Gain 4 dB | Type PEQ<br>Freq 112 Hz<br>Q 3.5<br>Gain -3 dB | Type PEQ<br>Freq 300 Hz<br>Q 3.0<br>Gain 2 dB | Type Bypass | Hi-Pass<br>Type Linkw 24<br>Freq 100 Hz<br>Lo-Pass<br>Type Butter 24<br>Freq 16000 Hz<br>Polarity<br>normal | Time 0 us<br>Temperature 20 °C | Compressor<br>Bypass<br>Limiter<br>Thresh 8 dBu<br>Release 80 ms | Level 0 dB<br>Polarity normal<br>Muted No |
| **Output 3**<br>Usage:<br>PX2181 | In 1 | Type PEQ<br>Freq 156 Hz<br>Q 5.5<br>Gain -6 dB | Type PEQ<br>Freq 112 Hz<br>Q 4.0<br>Gain -3 dB | Type PEQ<br>Freq 64 Hz<br>Q 2.0<br>Gain 1 dB | Type Bypass | Hi-Pass<br>Type Butter 24<br>Freq 32 Hz<br>Lo-Pass<br>Type Linkw 24<br>Freq 100 Hz<br>Polarity<br>normal | Time 250 us<br>Temperature 20 °C | Compressor<br>Bypass<br>Limiter<br>Thresh 9 dBu<br>Release 200 ms | Level 0 dB<br>Polarity normal<br>Muted No |
| **Output 2**<br>Usage:<br>PX2152 Passive | In 1 | Type PEQ<br>Freq 68 Hz<br>Q 2.8<br>Gain 4 dB | Type PEQ<br>Freq 112 Hz<br>Q 3.5<br>Gain -3 dB | Type PEQ<br>Freq 300 Hz<br>Q 3.0<br>Gain 2 dB | Type Bypass | Hi-Pass<br>Type Linkw 24<br>Freq 100 Hz<br>Lo-Pass<br>Type Butter 24<br>Freq 16000 Hz<br>Polarity<br>normal | Time 0 us<br>Temperature 20 °C | Compressor<br>Bypass<br>Limiter<br>Thresh 8 dBu<br>Release 80 ms | Level 0 dB<br>Polarity normal<br>Muted No |
| **Output 1**<br>Usage:<br>PX2181 | In 1 | Type PEQ<br>Freq 156 Hz<br>Q 5.5<br>Gain -6 dB | Type PEQ<br>Freq 112 Hz<br>Q 4.0<br>Gain -3 dB | Type PEQ<br>Freq 64 Hz<br>Q 2.0<br>Gain 1 dB | Type Bypass | Hi-Pass<br>Type Butter 24<br>Freq 32 Hz<br>Lo-Pass<br>Type Linkw 24<br>Freq 100 Hz<br>Polarity<br>normal | Time 250 us<br>Temperature 20 °C | Compressor<br>Bypass<br>Limiter<br>Thresh 9 dBu<br>Release 200 ms | Level 0 dB<br>Polarity normal<br>Muted No |