

## D/A - A/D Multiple Triggering Limitation

### 1. Two-channel D/A and two-channel A/D

- 1.1 No Mtrig. Use shuf for both D/A and A/D (simple play and record)
- |         |  |
|---------|--|
| DA3+AD1 | 5.2 (190kHz per channel, CF <sup>1</sup> =100%)                      |
| DA3+AD2 | 6.8 (7.0) with distortion (like noise), (147kHz per channel, CF=80%) |
- 1.2 No Mtrig. Use shuf for D/A only (simple play and drecord)
- |         |   |
|---------|---|
| DA3+AD1 | 7.6 (130kHz per channel, CF=100%)                         |
| DA3+AD2 | 8.2 with distortion (like noise) (120kHz/channel, CF=92%) |
- 1.3 Mtrig. Use shuf for D/A only (simple play and drecord)
- |         |  |
|---------|--|
| DA3+AD1 | 7.8 (128kHz/channel, CF=98%)                 |
| DA3+AD2 | 11.0 with distortion (91kHz/channel, CF=70%) |

### 2. Two-channel D/A and one-channel A/D

- 1.1 No Mtrig. Use shuf for D/A (simple play and record)
- |         |   |
|---------|---|
| DA3+AD1 | 5.2 (190kHz/channel, CF=77%, AD1 limit)<br>(AD1 maximum sampling frequency is 200kHz) |
| DA3+AD2 | 5.2 (190kHz/channel, CF=77%)  |
- 1.2 Mtrig. Use shuf for D/A (simple play and record)
- |         |   |
|---------|---|
| DA3+AD1 | 5.2 (190kHz/channel, CF=77%, AD1 limit)<br>(AD1 maximum sampling frequency is 200kHz) |
| DA3+AD2 | 5.2 with distortion (190kHz/channel, CF=77%)  |

### 3. One-channel D/A and one-channel A/D

- 1.1 No Mtrig. simple play and record
- |         |   |
|---------|---|
| DA3+AD1 | 5.2 (190kHz/channel, CF=51%, AD1 limit)<br>(AD1 maximum sampling frequency is 200kHz) |
| DA3+AD2 | 2.8 (357kHz/channel, CF=95%)  |
- 1.2 Mtrig. simple play and record
- |         |   |
|---------|---|
| DA3+AD1 | 5.2 (190kHz/channel, CF=51%, AD1 limit)<br>(AD1 maximum sampling frequency is 200kHz) |
| DA3+AD2 | 4.0 with distortion (250kHz/channel, CF=67%)  |

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<sup>1</sup> CF: Cycle Factor.