

The Sequential Voltage Doubler for 208

Hi,

Thank you very much and congrats on your purchase of the Sequential Voltage Doubler. This card adds to the Music Easel or 208's Sequential Voltage Source a second row with own transpose, portamento and stages # control facilities.

Features

- 5 voltage level pots
- 5 on-off-on pulse switches for gate (stage length) - mute - pulse (short trigger) - No gap between 2 adjacent pulse whose switches are set to 'gate' is normal behaviour
- pulse red banana output
- pulse output on-off-on switch to fire either the 208's envelope generator (eg) or pulser (p) with the pulse switches sequence - mixing with another trigger source might result in unexpected behaviour but is safe
- sequence voltage blue banana output
- transpose purple banana output purple banana with multiturn trimmers accessible via the small holes near the socket to fine tune each high and low transpose
- high and low transpose on-off-on switch
- portamento purple banana output
- portamento input mini slide switch to select if the main or transposed voltage is routed to the portamento
- portamento rate pot with lin/log response mini slide switch
- stages # CV black banana input
- stages # control on-off-on switch : 2 stages or CV
- rear edge connector for plugging in another card

208c / Easel Command / late 208e

On the 208c / Easel Command / late 208e the sequencer 5th stage out of the card slot is replaced by a +10V permanent signal which keeps the 5th stage always on and therefore upsets the card's proper operation.

For use with these units, remove the card's 'stage 5' internal jumper to disconnect this output. When disabled only the 4 first stages are active on the card and the 5th one is null when running on 5 stages.

Refer to the note at the end of https://buchla.com/guides/208C_addendum.pdf if you want to restore the 5th stage on the card slot. I do not have access to a 208c or 208e and cannot offer support regarding this procedure.

Tips

Turn off the 208 before inserting or removing the card into the program card slot. Do not insert it backwards.

When the card is used, the 208's 'control' switch needs to be set to its central 'both' position.

To reduce action and pressure on the 208's edge connector, hold the card with a hand when you patch or unpatch a cable.

I assume no liability for personal injury or damage to equipment or loss of use caused directly or indirectly by the use of the Sequential Voltage Source Doubler.

Feel free to contact me for questions, feedback and support.

Thank you and have fun !

Cheers and beers from Belgium,

Constantin