

I try to find out how OCP (over current Protection) worked in the HS 500.

Load for both channels is a 4,2 **Ohm 100 Watt resistor**. Amp board has 34,65 VoltDC

1khz input with 775mRMs from frequency generator Rigol DG1022. Ampere are mesured at the + Out of channel Right over a Voltcraft MM

HZ	I out (A)	Voltage at OUT +	Voltage at OUT -	Voltat @ Amp board	Seconds before OCP	shut down current	percentage from max current you set	comment
200	1,9	20,4		34,58	1	0,6	32%	after shut down you are just able to lower down the volume
200	1,588			34,63	37	0,623	39%	after shut down - at this you can after 2 seconds push the volume up
200	1,25			34,65	180	1,241	no OCP	no OCP

reboot is after 10 - 12 seconds

Eva's post #18

"digital clocked class BD BTL modulation"