

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

Load for both channels is a **8 Ohm 50 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 fr	comment
1000	1,8	19,5	19,5	34,60	20	1,266	70%	after shut down you are just able to lower down the volume
1000	1,518			34,62	35	1,062	70%	after shut down - at this you can after 2 seconds push the volume up
1000	1,354			34,63	60	0,894	66%	after shut down - at this you can after 2 seconds push the volume up
1000	1,008	15,4	15,4	34,65	no OCP	-	-	-

Eva's post #18

"digital clocked class BD BTL modulation"