

Heat dissipation of BVSMP and amplifiers. Issue 1-00 Date 17-04-2012.

Using a typical music signal and loaded to the rated output, a fully populated frame will generate approximately 250 Watts of heat.

This is broken down as follows using this typical signal:

BVSMP contains 2 off power supply units housed in one enclosure and each will produce 55 Watts of heat, therefore a total of 110 Watts.

BVSMPLT contains 1 off power supply and will produce 55 Watts of heat.

BV050Q contains 4 off 50 Watt amplifiers, each amplifier will produce 20 Watts of heat, therefore a total of 80 Watts.

BV125D contains 2 off 125W amplifiers, each amplifier will produce 35 Watts of heat, therefore a total of 70 Watts.

BV225 contains 1 off 225W amplifier and will produce 60 Watts of heat.

Example 1 off BVSMPLT and 1 off BV225 would produce 115 Watts of heat.

The quiescent heat generation is as follows:

BVSMP will produce 15 Watts of total heat.

BVSMPLT will produce 7.5 Watts of total heat.

BV050Q will produce 18 Watts of total heat

BV125D will produce 8 Watts of total heat

BV225 will produce 4 Watts of total heat

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