

# **BVSMPM / BVSMPMLT**

## **Installation Manual**



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**BALDWIN BOX▲LL**

## **BVSMPM / BVSMPMLT Mains Only Power Supply**

### **Introduction**

The BVSMPM contains two independent PSU modules and can power either two BV225, two BV125D or two BV050Q power amplifier modules.

The BVSMPMLT contains a single PSU module and can power either one BV225, one BV125D or one BV050Q power amplifier.

Both the BVSMPM and BVSMPMLT employ “switch mode” techniques that improve efficiency, reduce unwanted heat dissipation and weight.

An extra fused output is provided to power a mixer or auxiliary circuits. All these outputs are provided by a 9 way crimp connector plug and socket.

### **Protection**

The power supplies have over Current and over Voltage protection circuits on all DC outputs to ensure system reliability.

## **BVSMPM / BVSMPMLT SPECIFICATIONS**

	<b>BVSMPM</b>	<b>BVSMPMLT</b>
AC supply input Voltage	200V – 250V 50 – 60Hz	200V – 250V 50 – 60Hz
Maximum power consumption:	700VA	350VA
Maximum inrush current @ 230V:	18A	9A
DC output 1 to amplifier 1:	31V @ 12A	31V @ 12A
DC output 2 to amplifier 2:	31V @ 12A	--
DC output 3 auxiliary mixers etc:	31V @ 2A	31V @ 1A
<b>Fuse protection:</b>		
AC supply (5 x 20mm):	2 x 3.15A(T)	1x 3.15A(T)
Aux output (self-resettable):	1.1A	1.1A
<b>Front panel indicators:</b>		
DC Output OK	Output 1 & Output 2	Output 1
<b>Terminations:</b>		
AC supply input:	IEC 6A filtered connector	
DC outputs:	9-pin crimp terminated connector	

## Front Panel View



## BVSMPM Rear Panel View



## BVSMPMT Rear Panel View

