

MONITOR LOUDSPEAKER PANELS

Series

BSP/LSP



TMC Model BSP-2D

The TMC series of loudspeaker panels are designed to provide professional quality monitoring of discrete communication channels. Up to four individual speakers can be provided on each panel with or without associated audio amplifiers.

The LSP panels provide economical, reliable monitoring using 3.2-ohm loudspeakers that are capable of handling up to 4 watts per speaker.

The BSP panels feature solid state bridging amplifiers with high impedance inputs for dynamic monitoring of audio circuits. Like the LSP series, a volume control is provided for each speaker. The BSP-1, -2 and -3 models can be equipped with selector switches for monitoring the outputs of two-channel and four-channel ISB receivers. The BSP-7 series features squelch and lamp circuits for audio as well as visual indications of active channels.



TMC Model BSP-3D

Supersedes 9008B
Revised 15 Aug 1971



THE TECHNICAL MATERIEL CORPORATION

AND SUBSIDIARIES

Printed in U.S.A.

Model	Speaker(s)	Speaker Size	Control(s) Vol/SqLch	Amplifier(s)	Primary Power
-------	------------	--------------	----------------------	--------------	---------------

LSP SERIES

LSP-4	1	4"	1 volume	None	Not required
LSP-6	2	4"	2 volume	None	Not required
LSP-8	3	4"	3 volume	None	Not required

ADDITIONAL SPECIFICATIONS:

Input Impedance 3.2 ohms per speaker

BSP SERIES

BSP-1D	1	4"	1 volume	1 amplifier	115VAC, 50/60 Hz, Single phase
BSP-2D	2	4"	2 volume	2 amplifiers	Same as for Model BSP-1D
BSP-3D	3	4"	3 volume	3 amplifiers	Same as for Model BSP-1D

ADDITIONAL SPECIFICATIONS:

Input Impedance 10,000 ohms, ungrounded
 Power Gain 36 dbm. One watt output for -6 dbm input level
 Distortion 2% at one watt at 400 Hz
 Frequency Response 200-7000 Hz at 3 db points
 Construction Solid state
 Environmental 0 to +50°C; up to 95% relative humidity

BSP-7/1	1	3"	1 vol/sqLch*	1 amplifier	+12 VDC at 1 amp. 45 ma no signal; 200 ma full signal
BSP-7/2	2	3"	2 vol/sqLch	2 amplifiers	Same as for Model BSP-7/1
BSP-7/3	3	3"	3 vol/sqLch	3 amplifiers	Same as for Model BSP-7/1
BSP-7/4	4	3"	4 vol/sqLch	4 amplifiers	Same as for Model BSP-7/1

* vol/sqLch indicates that a volume control with squelch is provided with each speaker on the panel.

ADDITIONAL SPECIFICATIONS:

Input Impedance 80,000 ohms
 Sensitivity 50 millivolts
 Squelch Circuit
 Voltage Polarity Positive
 Input Impedance 2 to 10,000 ohms
 Threshold 0 to 5 volts
 Environmental 0 to +50°C; up to 95% relative humidity

All models mount on a 5¼" high X 19" wide X 5" deep (maximum) relay rack panel and weigh 6 lbs. max.



THE TECHNICAL MATERIEL CORPORATION

700 FENIMORE ROAD • MAMARONECK, NEW YORK 10543

SPRINGFIELD, VIRGINIA • OTTAWA, CANADA • LUZERN, SWITZERLAND • TEMPE, ARIZONA

(914) 698-4800 • (613) 822-0244 • twx 710-566-1100 • telex 013-446