

## TECHNICAL BULLETIN NUMBER 9008A

Loudspeaker Panels

TMC Models LSP

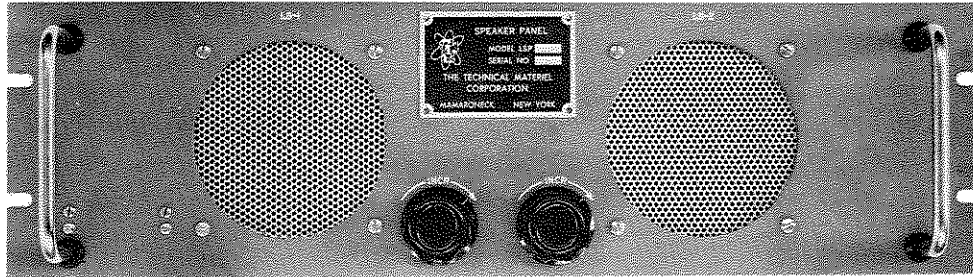
Models BSP

Models GPS

LS-452/U

LS-453/U

PROPERTY OF SPECIFICATIONS  
AND STANDARDS ENGINEERING



TMC MODEL LSP-7

TMC series of loudspeaker panels are designed to provide monitor capability for communication facilities with a wide selection of speakers available. Most of the speakers in this series are mounted on  $5\frac{1}{4}'' \times 19''$  panels with one, two, or three speakers per panel. Some of the speaker panels in this series include transistorized bridging amplifiers with high impedance input for dynamic monitoring of audio circuits.

Models GPS are single 8" speakers in self-contained cabinets that will accept up to 7 watts from any 4 ohm receiver output.

TABLE OF AVAILABLE MODELS

MODEL	NUMBER OF 4" P. M. SPEAKERS	DIMENSIONS IN INCHES			NOTES
		HEIGHT	WIDTH	DEPTH	
LSP-4 (LS-452/U)	1	5 $\frac{1}{4}$	19	2 $\frac{1}{2}$	
LSP-6 (LS-453/U)	2	5 $\frac{1}{4}$	19	2 $\frac{1}{2}$	
LSP-7	2	5 $\frac{1}{4}$	19	2 $\frac{1}{2}$	two volume controls
LSP-8	3	7	19	2 $\frac{1}{2}$	three volume controls
BSP-1D	1	5 $\frac{1}{4}$	19	6 $\frac{1}{2}$	one bridging amplifier
BSP-2D	2	5 $\frac{1}{4}$	19	6 $\frac{1}{2}$	two bridging amplifiers
BSP-3D	3	5 $\frac{1}{4}$	19	6 $\frac{1}{2}$	three bridging amplifiers
GPS-1	1 (8")	10	12	8	
GPS-2	1 (8")	10	12	15	

## Loudspeaker Panels

### TECHNICAL SPECIFICATIONS

#### GPS AND LSP

IMPEDANCE: 3.2 ohms per loudspeaker

POWER CAPABILITY: Approximately 4 watts per speaker (4").  
Approximately 7 watts per speaker (8").

#### BSP SERIES

AMPLIFIER POWER GAIN: Amplifier power gain is 36 dbm. Amplifier will provide 1 watt of output at input level of -6 dbm.

AMPLIFIER INPUT IMPEDANCE: 10,000 ohms, ungrounded.

AMPLIFIER DISTORTION: 2% at 1 watt at 400 cps.

AVERAGE AMPLIFIER FREQUENCY RESPONSE: 200 to 7000 cps at 3 db points.

HUM LEVEL: -40 dbm at 1 watt output.

AMPLIFIER CONSTRUCTION: Solid State

AMPLIFIER POWER REQUIREMENTS: 115 volts, 50/60 cps, approximately 8 watts per amplifier.

ENVIRONMENTAL CONDITIONS: Designed to operate in any ambient temperature between 0° and 50°C, and any value of humidity up to 95%.

COMPONENTS AND CONSTRUCTION: All equipment manufactured in accordance with JAN/MIL specifications wherever practicable.



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