



# BRIDGING LOUDSPEAKER PANEL

## Model BSP Series

TECHNICAL BULLETIN 205-5115

200 HZ TO 7000 HZ  
1 WATT OUTPUT  
VOLUME CONTROLS  
LOW DISTORTION  
MILITARY NOMENCLATURE  
FEDERAL STOCK NUMBER  
OFF-THE-SHELF DELIVERY



TMC'S FAMILY OF SOLID STATE BRIDGING SPEAKER PANELS PROVIDE A MORE EFFECTIVE METHOD OF MONITORING YOUR VOICE CIRCUITS WITHOUT DISTURBING THE LINE LEVELS OR BALANCE. THEY ARE AVAILABLE WITH ONE, TWO OR THREE SPEAKERS IN EACH PANEL.

*5 or 6 speakers activity indicator*  
BSP-2D (AI) #1449  
BSP-3D (AI) #1768  
10%  
Gov't price

THE TECHNICAL MATERIEL CORPORATION

## TECHNICAL SPECIFICATIONS BSP Series

### STANDARD MODELS

BSP-1D One channel  
BSP-2D Two channels  
BSP-3D Three channels

### AUDIO PARAMETERS

INPUT IMPEDANCE 10,000 ohms  
SPEAKER IMPEDANCE 45 ohms  
POWER GAIN 36 db (1 watt output with - 6 dbm input) output determined by front panel volume control  
HUM LEVEL - 40 dbm at 1 watt  
DISTORTION Less than 2% with 1 watt output at 400 Hz  
FREQUENCY RESPONSE 200 to 7,500 Hz  $\pm$  2 db

### ENVIRONMENTAL and INSTALLATION

COOLING Convection  
OPERATING CONDITIONS 0 to 50 C. Up to 90% relative humidity at MSL.  
STORAGE CONDITIONS - 30 to + 75 C. Up to 90% relative humidity at MSL.  
PRIMARY POWER 110/220 VAC, 50/60 Hz. Single phase.  
HEAT DISSIPATION Nominal 15 watts  
SIZE and WEIGHT 5.25" (13.4cm) high x 19" (48.3cm) wide x 6.5" (16.5cm) deep. 10 pounds/4.54 Kg.  
SHIPPING DATA Commercial packing for U.S. shipment. Special packing available at additional cost.  
1 container 20" x 18" x 8". Weight/cube - 13 lbs/1.6 cu. ft.  
LOOSE ITEMS Technical manual (2) and mating audio connectors.

### ORDERING INFORMATION

MODELS BSP-1D One channel  
BSP-2D Two channels  
BSP-3D Three channels

SPARE PARTS KITS 152-205-5115 1 year operating spare parts kit  
153-205-5115 2 year maintenance spare parts kit

ACCESSORY PRODUCTS are described in sections 4-9 of the General Catalog and include RF/antenna, terminal, data, connector and power equipment. TECHNICAL SERVICES in design, engineering, training, and related areas are described in section 10. OPTIONS are listed after each TMC product in part A of the Price List.

**Specifications Are Subject to Change Without Notice**

**THE TECHNICAL MATERIEL CORPORATION**

700 FENIMORE ROAD, MAMARONECK, NEW YORK 10543 U.S.A.  
TEL.: 914-698-4800 TLX: 137-358