



## PREH ELECTRONIC INDUSTRIES, INC.

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## REMOTE CONTROLS KEYBOARDS

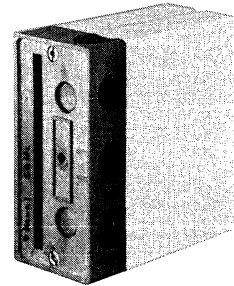
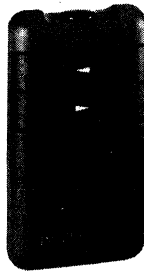
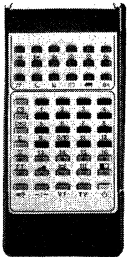
### REMOTE CONTROLS

Remote controls available from Preh Electronics include both standard and completely customized products. Customizing possibilities include a full range of programmable functions, key arrangements, key legends, key and case colors and single or multi color bezels. This flexibility allows wide design possibilities in the fields of commercial and satellite television systems, video tape recorders and monitors, and industrial controls.

### KEYBOARDS

Superior technology and materials are used in Preh keyboards to furnish products that are reliable and completely versatile. In addition, Preh Commander keyboards are IBM compatible. Standard units and graphic displays can be combined to create expanded, customized keyboards at reasonable cost.

### REMOTE CONTROLS



#### Transmitter, 53 Button Model S88/53

##### TECHNICAL DATA:

Transmitting Mode: PCM (Pulse Coded Modulation)  
Clock Frequency: 4 MHz (Quartz)  
Programmable: 16 x 64 (Max. 53 Buttons)  
Functions: 36  
Usable Functions: 16  
Available TV Channels: 16  
Analog Functions: 4  
Additional Functions: 8  
Supply Voltage: 9 Volt (to IEC 6F22)  
Quiescent/Operating Current: 1.0  $\mu$ A/6 mA typical  
Transmitting Elements: 2 Infrared Diodes

#### Transmitter, 2 Channel Model S11-07

##### TECHNICAL DATA:

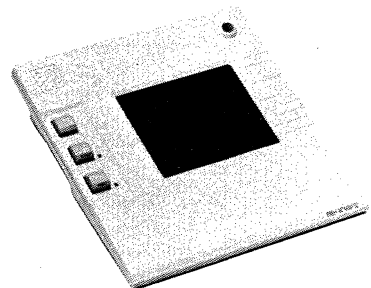
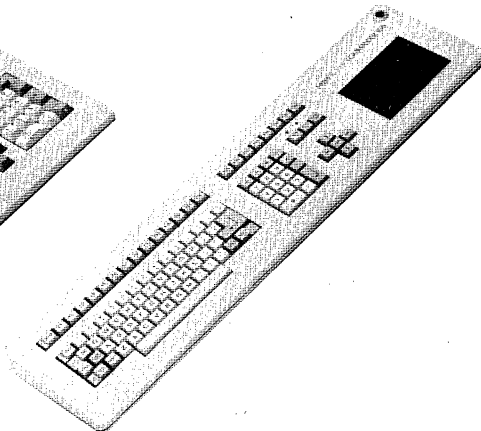
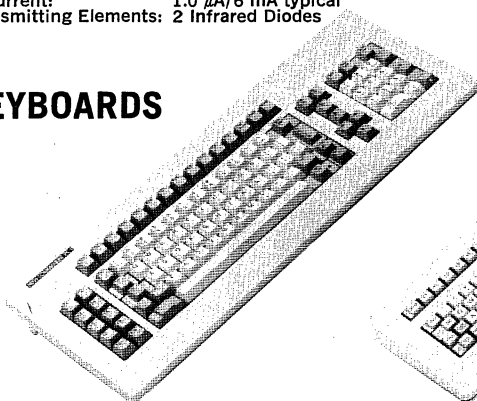
Transmitting Mode: PCM (Pulse Control Modulation)  
Supply Voltage: 9 Volt (to IEC 6F22)  
Quiescent/Operating Current: 10  $\mu$ A/15 mA Typical  
Transmitting Elements: 3 Infrared Diodes

#### Receivers Model S12-07

##### TECHNICAL DATA:

Plastic Enclosure-Dim: 4" x 2" x 4"  
Components: Electronic Decoder, Power Supply for Receiver and Pre-Amplifier and Switching Relay as Output Component  
Electronic Systems: PCM Decoder w/ Power Supply and 4 Relay Outputs  
Supply Voltage: 220 VAC  
Outputs: 4 Separate Outputs  
Power Ratings: 250 VAC, 2000 VA, 200 VDC, 30W, 24 VDC, 100W  
For Both SPST and SPDT Applications

### KEYBOARDS



#### Preh Commander

IBM-PC compatible. An extremely flat, full travel membrane keyboard with glare-free surface for operator comfort and "Crisp" tactile feedback. Additional standard units can be combined and spaced to customer requirements to provide up to 15 additional keys in the alphanumeric field. Standard unit measures 17.5"L x 7.5"W x 1.5"H Height to center key row is 1.18".

#### Preh Graphic Commander

A graphic tablet is incorporated into the Preh Commander for added visual capabilities. The graphic tablet permits absolute positioning through conformal mapping. The unit is adaptable to various graphic systems and provides a reasonable cost solution for applications in CAD/CAE, office communications, home computers, process control, etc.

#### Preh Bitmap

The Bitmap series features graphic tablets with resolution reduced to 10 bits. Active areas are 4.5" x 3.74" (Bitmap 12) or 9" x 7.5" (Bitmap 23). Units are provided with series and parallel interfaces and are coupled directly to existing interfaces of the graphic systems, Zoom features are incorporated.

PEI is a wholly owned subsidiary of Preh Elektrofeinmechanische Werke, Bad Neustadt a/d Saale, West Germany with offices and plants in Germany, Austria, Portugal, and Singapore.