

# PHILIPS

electro-acoustic division

## SIX-CHANNEL MIXER TYPE 1229



Philips type 1229 Six-Channel Mixer has been designed to facilitate adding a maximum of four microphone and two pick-up inputs to any of our range of booster amplifiers.

It combines reliability and quality with a pleasant appearance and ease of operation.





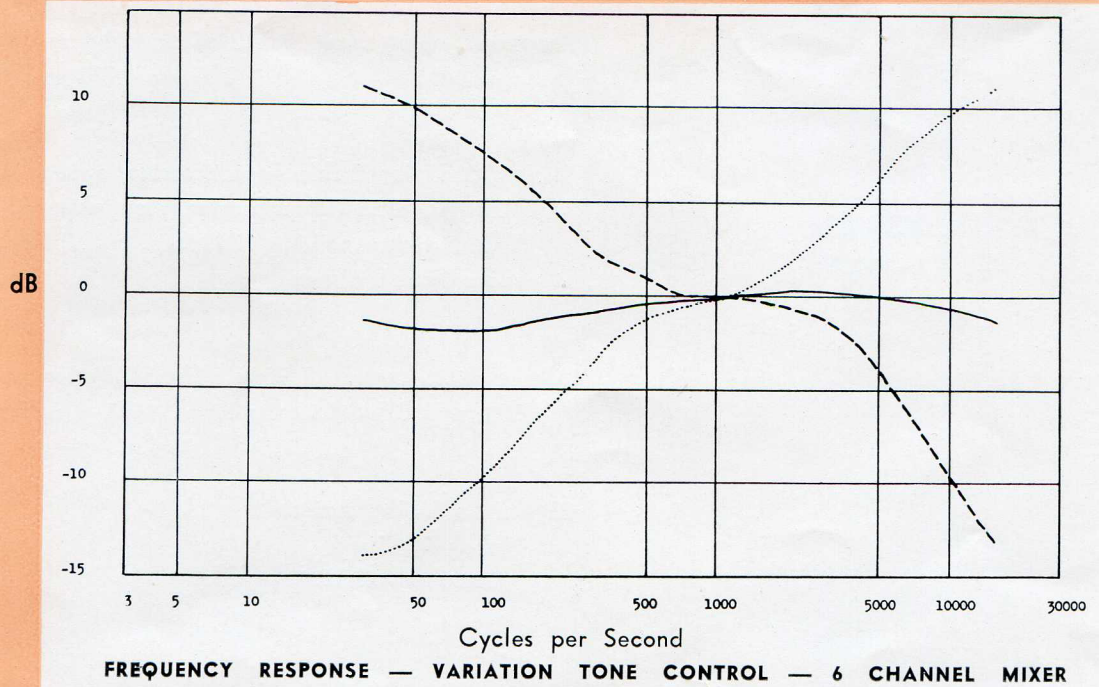
## GENERAL DESCRIPTION

The mixer is housed in a grey hammertone case, the easily removable front plate, on which the clearly marked escutcheon and controls are mounted, is angled for ease of manipulation.

Input sockets are located at the rear of the unit. Power supplies to the mixer and output from mixer to Amplifier are carried in a multi-core cable terminating in a 12 pin Paynton Plug.







Via shielded two pin sockets. Two pick-up inputs with individual volume controls.

Four Microphone inputs connected to individual pre-amplifier stages the outputs from which are taken via separate volume controls to the driver/output stage.

The output of 1 volt low impedance is taken via multi-core cable and plug.

Separate Bass and Treble controls giving a wide attenuation range, refer Frequency Response graph.

Slide switches which operate on microphone channels 1 and 2 provide a 17dB Bass attenuation at 30 cps. to improve intelligibility of speech reproduction.

## INPUTS

## OUTPUT

## TONE CONTROLS



## TECHNICAL DATA

**Output:** 1 volt, low impedance.

**Frequency Response:** Pick-up within 2dB from 30 cps. to 15K cps. Microphone within 3dB from 200 cps. to 15K cps.

**Tone Controls:** Treble Potentiometer, type minus 12dB at 15K cps. Bass Potentiometer, type plus 12dB at 3 cps. Slide switches provide 17dB bass cut at 30 cps. on two microphone channels.

**Power Consumption:** 9 watt (from booster power supply)  
312 v. D.C. at 4.4 mA; 6.3 v. A.C. at 1.21A.

**Signal to Noise Ratio:**  
Pick-up 70dB.  
Microphone 55dB.

**Input:** Mic. 50 ohms 1.9 mV sensitivity at grid (100,000 ohms).  
Pick-up 500,000 ohms 280 mV sensitivity.

**Colour:** Grey Hammertone.

**Valves:**  
4 x EF 86.  
1 x 12AX 7.

**Dimensions:** Length 14" x Depth 6" x Height  $6\frac{3}{4}$ ".

**Weight:** 10 lb.

MANUFACTURED IN AUSTRALIA  
by the  
**electro-acoustic division**  
of  
**PHILIPS ELECTRICAL INDUSTRIES  
PTY. LIMITED**

SYDNEY MELBOURNE ADELAIDE PERTH BRISBANE  
HOBART