

- Transformer isolated
- Screw or IDC terminations
- 12 or 6 language versions

This type of language channel selector unit is designed for use in simultaneous interpretation systems with a high impedance multi-conductor cable transmission system. It provides full bandwidth audio quality with high security and maximum reliability.

These units are intended for flush mounting in the furniture, in a desk or chair arm. There are two standard types, with either 6 or 12 channels, and both are available with alternative channel annotation, depending on whether the floor language is permanently assigned to CH 0 (as per IEC 914) or whether only the interpreted languages are distributed via the cable network. (Note that the floor language will in any case be automatically routed to all unoccupied channels).

The channel selector units are the high impedance type with a transformer balanced input fed via a 50 volt (or 36 volt) line from the channel amplifier system. This system has the advantage relative to the low impedance type that a substantially larger number of units (200 or more) may be loaded on to one run of cable, and there are no significant

variations in level when the channel loading is suddenly changed.

Channel selection is by a 6 or 12 position rotary switch with 30° indexing, and there is a rotary volume control and a 3.5mm mono jack socket for connection of headphones.

The units connect via a single loop through multiconductor cable.

Two types of termination are provided on the 6-ch. versions. This may be by screw terminals or by IDC connectors. Screw terminals are generally more robust, whereas IDC connectors allow the units to be removed more easily for maintenance or for fault finding. Only IDC type connections are fitted on the 12 ch. versions.

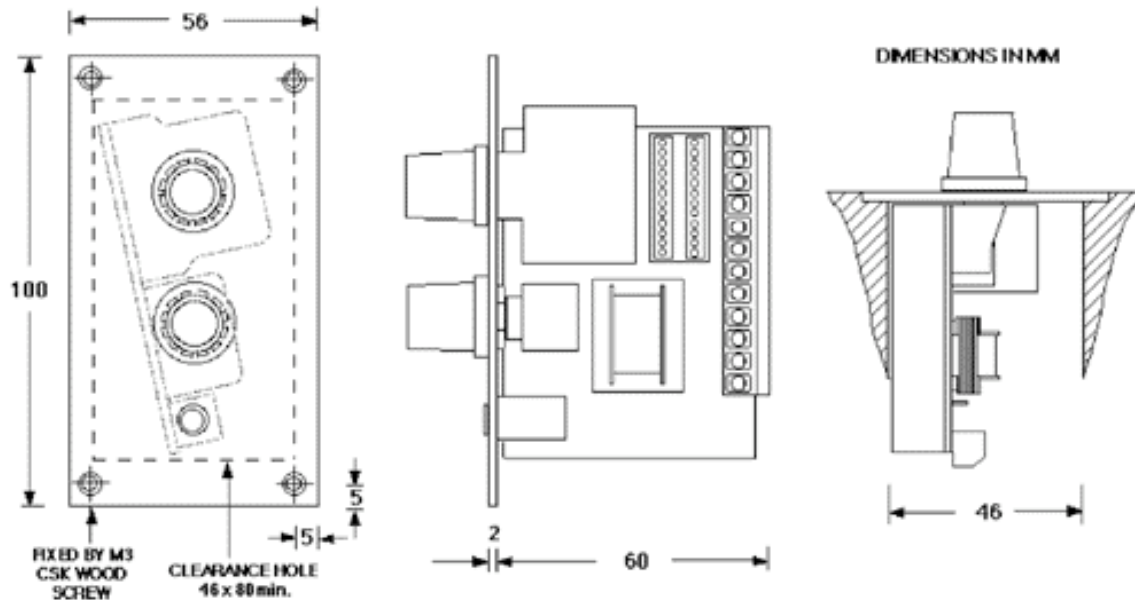
LP-12A-0 12 0 - 11

LP-12A-1 12 1 - 1 2

LP-6A-0 6 0 - 5

LP-6A-1 6 1 - 6

Type No. of Ch. Ch. Nos.



## Technical Specification

Type	12 or 6 channels
Input Voltage	50Vrms
Input Impedance	20-80 k W (depending on headphone impedance and volume setting).
Output Voltage	5V max (transformer isolated).
Load Impedance	64-2000 W
Freq. response	10Hz - 30kHz (-3dB)
Mechanical life	10,000 cycles (min.)
Dimensions	56 x 100 mm (60mm depth).
Weight	0.13 Kg.

## Connections

6-ch. versions	6-way IDC type (Molex) (Qty 2) 12-way screw terminal block.
12-ch. versions	12-way IDC type (Molex) (Qty 2)
Custom versions	

Custom versions are available to special order. These include custom panel sizes and finishes, 8-channel versions and versions to fit into restricted spaces. Portable units can also be supplied and, active multiplex channel selectors are also available (CRX-12).

## Architects and Engineers specification

The Language Selector Unit shall be a 12 (or 6) channel unit with passive circuits and a transformer isolated audio input fed from a 50 (or 36) volt line. It shall have rotary switches for channel selection and volume control, and a 3.5 mm mono jack socket for headphones. The matching headset impedance for favourable volume control characteristics shall be in the range 64-2000 ohms. It shall have an input impedance of 20-80k ohms and an output voltage of 5 volts max. The frequency response shall be at least 10Hz - 30kHz (-3dB) and the mechanical life shall be at least 10,000 cycles. The panel size shall not exceed 56 x 100 mm, with maximum depth 60mm, and the weight shall not exceed 0.13kg.

We reserve the right to vary the specification without notice in the interest of product improvement



conference and interpretation systems

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