

DATA SHEET HXP001 PHASE SPLITTER

The ILP HXP001 is a mono module intended to function as a phase splitter in conjunction with a pair of ILP power amplifiers to provide double the power output of one module into one loudspeaker.

The HXP001 provides two outputs each exactly 180 degrees out of phase.

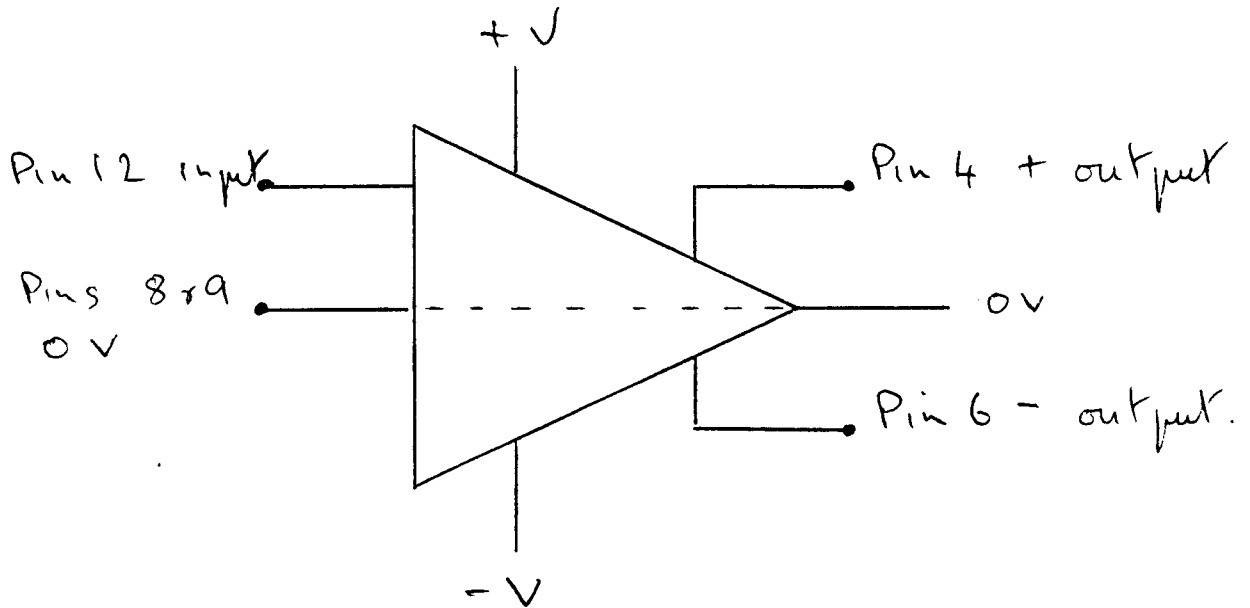
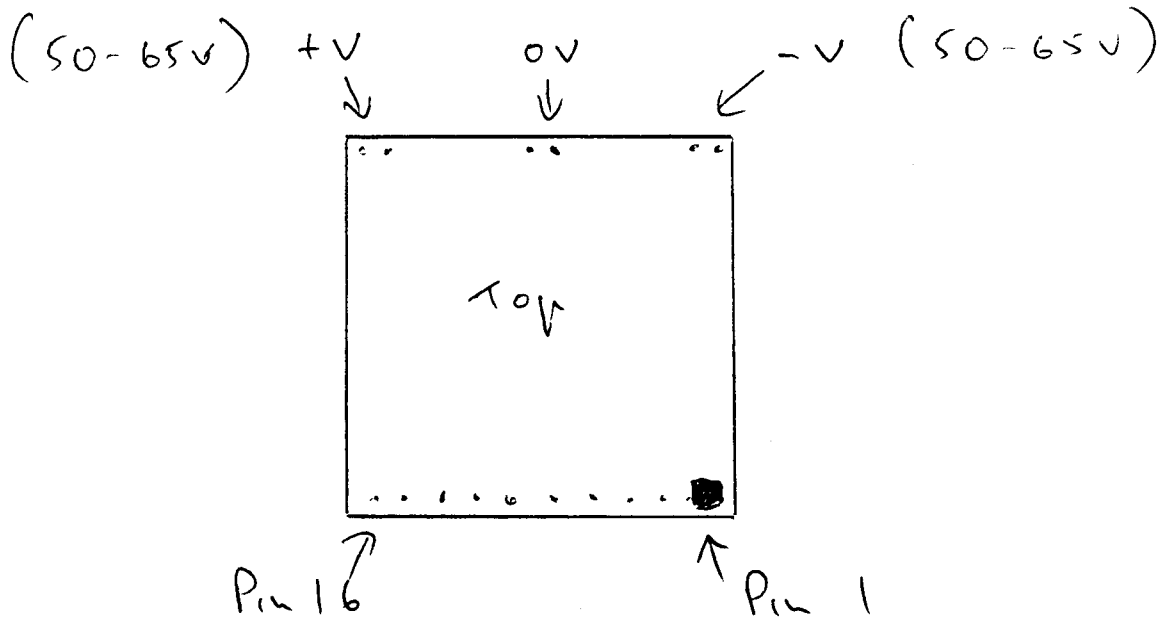
This mode of operation is referred to as bridge mode, whereby both loudspeaker are driven in opposite phase by each amplifier.

Power for the HXP001 may be obtained from the amplifiers power supply and by selecting the appropriate pins the source can be from 18 to 65 volts.

TYPICAL SPECIFICATIONS	
Parameter	Value
Gain (± 1dB)	0dB
Frequency Response (-3dB)	15Hz - 50kHz
Total Harmonic Distortion @ 1kHz	<0.005%
Signal to Noise Ratio (DIN AUDIO)	>100dB
Maximum Output (into 2KΩ)	7V rms.
Input Impedance	100KΩ
Output Impedance's	100Ω
Power Supply Voltage	±18-65V
Power Supply Current	± 10mA
Connections	0.1 Inch Pins
Size Length x Width x Height	50 x 50 x 12mm
Weight	40 gms

- FEATURES
- Low Output Impedance
- Low Distortion
- Low Noise
- Unity Gain
- Internal Regulation
- No External Components
- Encapsulated

HYP001 Connections



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