

BRYSTON

BPI

PREAMPLIFIER

BP1 PREAMPLIFIER

LOW FILTER

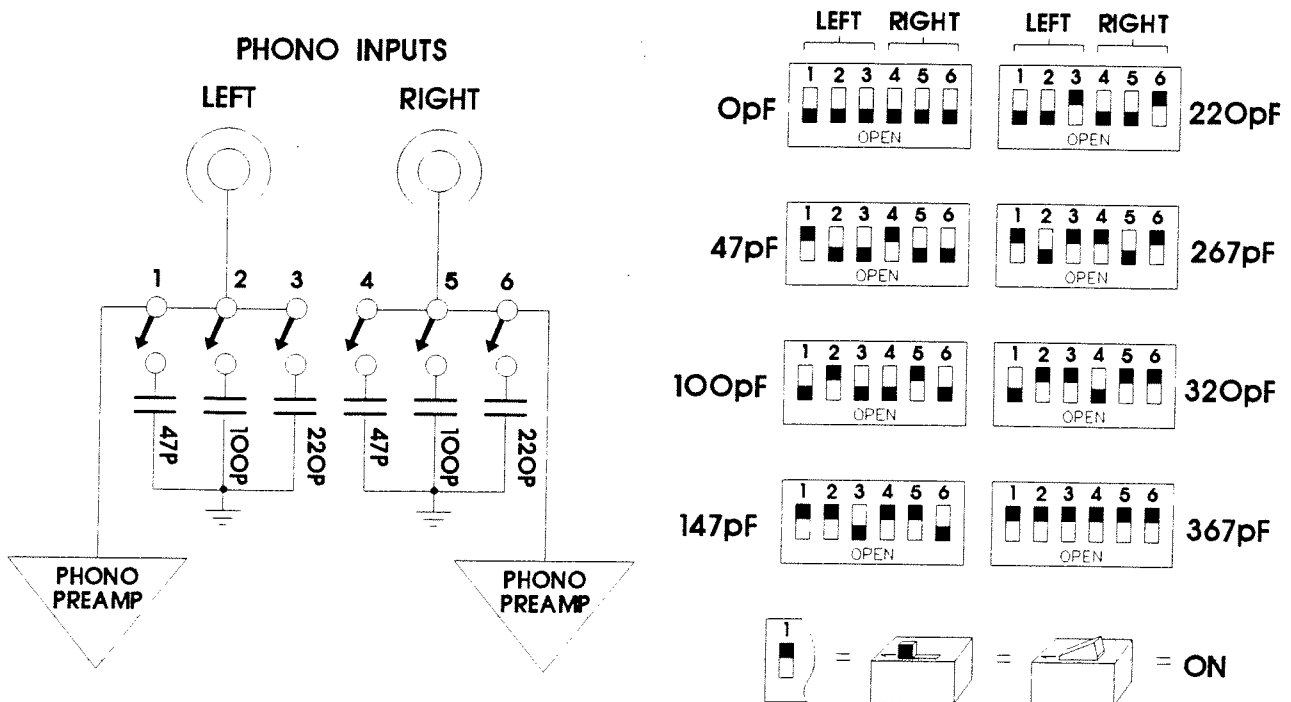
The inflection point of the rumble filter has been set at 31.7Hz to correspond to the lowest signal frequencies likely to be found on LP phonograph disks. The filter has a gradual slope of 6db per octave below this frequency to avoid transient overshoot, ringing and phase anomalies. The warp frequencies on LP phonograph disks are confined almost exclusively to the area of 2 to 5 Hertz and this range is attenuated by an average of 20dB, or a power factor of 100, to prevent overload and intermodulation distortion effects in the low frequency drivers of your loudspeakers. The low filter is active in the IN or depressed position.

VOLUME CONTROLS

Each channel is equipped with its own volume control and thus no balance control is provided.

PHONO INPUT CAPACITANCE LOADING SWITCH

This switch, located inside the BP1, is comprised of a six element DIP (Dual In Line) switch and six high precision polystyrene capacitors to add the correct amount of capacitance across the phono cartridge to ensure accurate performance. Each switch adds in one capacitor. As each capacitor is switched in the total capacitance increases cumulatively. Switches 1 to 3 add capacitance to the LEFT input, and switches 4 to 6 add capacitance to the RIGHT input. Any or all of the DIP switches may be activated (placed in the ON or CLOSED position) at one time or, if all switches are off (open), then no capacitance is placed across the phono inputs.



Refer to information supplied with your phono cartridge to determine the correct amount of capacitance.

TURN-ON DELAY

The BPI utilizes an output shunting relay with an approximate 3 second delay at start up to allow any system transient thumps to settle out before connecting the signal to the power amplifier(s). The relay disconnects the signal again instantly when the preamplifier is switched off to prevent any power supply decay artifacts from reaching the outputs. The relay employs multiple gold contacts faces per channel for maximum long term reliability and does not connect to the signal path when the preamplifier is operating.

WARRANTY

Bryston products are warranted to be free from manufacturing defects for a minimum of twenty years from date of original purchase, including parts, labour and return shipping to the first and all subsequent owners. Warranty coverage is automatic and commences from the date of the original dealer's bill of sale (which is the sole proof of purchase date).

In the event of a defect or malfunction Bryston will remedy the problem by repair or replacement, as we deem necessary, to restore the product to full performance. Warranty service may be obtained by returning the unit to any Bryston retail dealer. If it cannot be returned to a Bryston retail dealer, write or call:

in Canada:

BRYSTON LTD.
P.O. BOX 2170
677 Neal Drive
Peterborough, Ontario
K9J 7Y4

(705) 742-5325

The warranty is void if the defect, malfunction or failure of the product or any component part was caused by damage (not resulting from a defect or malfunction) or abuse while in the possession of the customer, tampering by persons other than factory authorized service personnel, or failure to follow Bryston operating instructions.

This warranty gives you specific legal rights and you may also have other rights which may vary from province to province or from state to state.