NEUTRON FILTER - SCHEMATIC

Signal and Ground From Input Jack

GAIN 1M Rev Log

"Peak" 150K Log

Range Switch Shown in "High" Position

R1, C1, C2, R2, C3, R3, U1a, R4, R5, R6, R7, U1B, R8, LDR, C5, C6, U2b, R9, LDR, C7, C8, U2a

C4

Direction Switch Shown in "Down" Position

Band Pass
High Pass
Low Pass
Bypass
Effect

+9V
-9V
C10, C11, C12, C13
+9V
-9V

R10, R11, R12, R13, U3b, R14, R15, C9

+9 R18, R19, U3a

R16, R17

Current Scaling Resistor Rx: See Text

May be one or two LED's, See Text.

C14, R21

Signal & Ground to Output Jack

Optional Single-battery Supply

Input Jack Stereo R20
Q1
Batt +
C15
U4 7660
C17, C16
+9V
-9V
C18
Batt -

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+9V
8
-9V
4

Power Supply, All Dual Opamps