

SW1_____SPST Switch (Ganged with P1)

SPK_____8 Ohm 40mm. Loudspeaker

B1_____12V Battery (MN21, GP23A or VR22 type)

Notes:

- | Q1 & Q2 provide linear frequency operation of IC1 following P1 resistance variation.
 - | Q3 was added in order to obtain a louder click, similar to clockwork metronomes.
 - | 12V micro battery was used to obtain more output power and more compactness.
 - | Rotate P1 fully towards R2, then set R1 to obtain 40 beats per minute (compare with another metronome).
 - | Rotate P1 fully towards R3, then set R4 to obtain 208 beats per minute.
 - | Finally mark the entire scale with the usual metronome steps as following:
40 - 42 - 44 - 46 - 48 - 50 - 52 - 54 - 58 - 60 - 63 - 66 - 69 - 72 - 76 - 80 - 84 - 88 - 92 - 96 - 100 -
104 - 108 - 112 - 116 - 120 - 126 - 132 - 138 - 144 - 152 - 160 - 168 - 176 - 184 - 192 - 200 - 208.
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