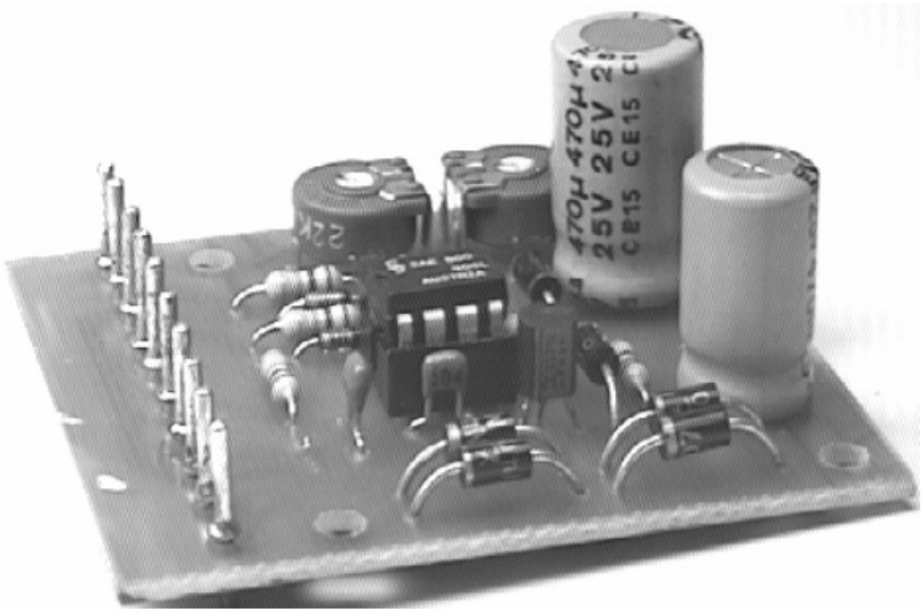
velleman H6600B Multi Tone Chime User Manual

Contents

K6600

MULTI-TONE CHIME



H6600B-ED1

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BELGIUM

MULTI-TONE CHIME

Electronic tones can be generated simply and cheaply using this device. This kit is primarily intended for use as a replacement for the traditional mechanical doorbell. Of course, it can also be used for many other types of application. The number of tones may be selected up to a maximum of three, each of which is output one after the other. This can be used to help locate the place being called. Volume and tone can also be set according to help locate the place being called. Volume and tone can also be set according to choice and the existing bell transformer can be used as a supply.

Technical data

- Adjustable tone and volume control
- 1, 2 or 3 tones, selectable
- Loudspeaker output: 0.3W/8ohm
- Supply: 6 to 9 VAC/0.2A or 4.5V battery (3 x 1.5V)
- Idle current less than 10 uA
- Dimensions: 53 x 59 x 25 mm
- Usable housing: WCAH2851, G416, G410
- Usable battery holder: BH331B

We reserve the right to make changes

Construction

IMPORTANT
MOUNT ALL COMPONENTS AGAINST THE P.C.B.
USE A SMALL SOLDERING IRON OF MAX. 40W
USE THIN (1mm) SOLDERING TINDO NOT USE SOLDERING GREASE!
CARELESS ASSEMBLY WILL UNDOUBTEDLY LEAD TO PROBLEMS
Mount the components in the order indicated in the separate parts list. The parts marked with (!) require special attention in the assembly instructions.

1. 1/4W resistors
2. Diodes. Check the polarity !
3. Zener diodes. Check the polarity!
4. IC sockets
5. Capacitors
6. Trim potentiometers
7. Transistor
8. PCB pin
9. Electrolytic capacitors. Check the polarity!
10. Mount the IC in its socket. Check the position of the notch!

Connection

General

- A choice can be made between 1, 2 or 3 tones by connecting push-button switch SW1, push-button switch

SW2 or push-button switch SW3.

- A loudspeaker of at least 8ohm (or number of loudspeakers in series) can be connected between the LS points.

Connection of battery as supply (Fig. 11):

- Connect three 1.5V batteries in series between the + and connection points.

Connection of transformer as supply (Fig. 12):

- Connect a transformer (perhaps the bell transformer) of between 6 and 9VAC to the points 6…9VAC.

Connecting a transformer and an backup battery supply (Fig. 13):

- Connect a transformer between points 6…9VAC, and a battery between points + and -.

Documents / Resources

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