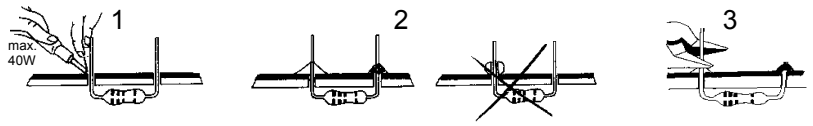
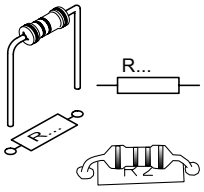
Soldering - Solderen - Soudage - Löten - Soldadura - Lödning - Juottami nen - Saldatura - Solda



START

1

Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze

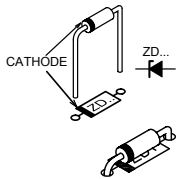


◊ R1 ... R4 : 10K	(Brown, Black, Orange) - (Bruin, Zwart, Oranje) - (Brun, noir, Orange) - (Braun, Schwarz, Orange) - (Brun, Svart, Orange) - (Ruskea, Musta, Oranssi) - (Marrón, Negro, Naranjado) - (Castanho, Preto, Laranja) - (Marrone, Nero, Aranciato)
◊ R5 ... R7 : 100K	(Brown, Black, Yellow) - (Bruin, zwart, Geel) - (Brun, noir, Jaune) - (Braun, Schwarz, Gelb) - (Brun, Svart, Gul) - (Ruskea, Musta, Keltainen) - (Marrón, Negro, Amarillo) - (Castanho, Preto, Amarelo) - (Marrone, Nero, Giallo)
◊ R8 : 1K	(Brown, Black, Red) - (Bruin, Zwart, Rood) - (Brun, Noir, Rouge) - (Braun, Schwarz, Rot) - (Brun, Svart, Röd) - (Ruskea, Musta, Punainen) - (Marrón, Negro, Rojo) - (Castanho, Preto, Encarnado) - (Marrone, Nero, Rosso)
◊ R9 : 560	(Green, Blue, Brown) - (Groen, Blauw, Bruin) - (Vert, Bleu, Brun) - (Grün, Blau, Braun) - (Grön, Blå, Brun) - (Vihreä, Sininen, Ruskea) - (Marrón, Azul, Marrón) - (Verde, Azul, Castanho) - (Verde, Blu, Marrone)
◊ R10 : 330	(Orange, Orange, Brown) - (Oranje, Oranje, Bruin) - (Orange, Orange, Brun) -(Orange, Orange, Braun) - (Orange, Orange, Brun) - (Oranssi, Oranssi, Ruskea) - (Naranjado, Naranjado, Marrón) - (Laranja, Laranja, Castanho) - (Aranciato, Aranciato, Marrone)
◊ R11 ... R15 : 4K7	(Yellow, Purple, Red) - (Geel, Paars, Rood) - (Jaune, Violet, Rouge) - (Gelb, Violet, Rot) - (Gul, Lila, Röd) - (Keltainen, Purppura, Punainen) - (Amarillo, Morado, Rojo) - (Amarelo, Violeta, Encarnado) - (Giallo, Viola, Rosso)
◊ R16 : 3K3	(Orange, Orange, Red) - (Oranje, Oranje, Rood) - (Orange, Orange, Rouge) -(Orange, Orange, Rot) - (Orange, Orange, Röd) - (Oranssi, Oranssi, Punainen) - (Naranjado, Naranjado, Rojo) - (Laranja, Laranja, Encarnado) - (Aranciato, Aranciato, Rosso)
◊ R17 : 2K7	(Red, Purple, Red) - (Rood, Paars, Rood) - (Rouge, Violet, Rouge) - (Rot, Violet, Rot) - (Röd, Lila, Röd) - (Punainen, Purppura, Punainen) - (Rojo, Morado, Rojo) - (Encarnado, Violeta, Encarnado) - (Rosso, Viola, Rosso)
◊ R18 : 10	(Brown, Black, Black) - (Bruin, zwart, zwart) - (Brun, Noir, Noir) - (Braun, Schwarz, Schwarz) - (Brun, Svart, Svart) - (Ruskea, Musta, Musta) - (Marrón, Negro, Negro) - (Castanho, Preto, Preto) - (Marrone, Nero, Nero)

MK182_rev.1

2 ZENERDIODE

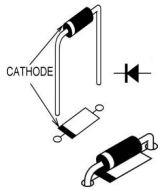
Watch the polarity !
Attention à la polarité !



◊ ZD1 : 5V1

3 DIODE

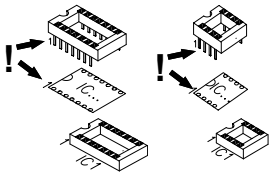
Watch the polarity !
Attention à la polarité !



◊ D1 : 1N4007

4 IC SOCKET

WATCH THE POSITION OF THE NOTCH !
ATTENTION A LA POSITION DE L'ENCOCHE !

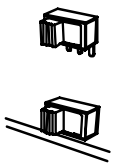


◊ IC1 : 16p
◊ IC2, IC3 : 8p

5 CAPACITOR

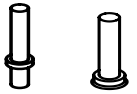
◊ C1 ... C4 : 100nF	(104)
◊ C5 : 39pF	(39)
◊ C6 : 560pF	(561)
◊ C7 : 1nF	(102)
◊ C8 ... C11 : 6,8nF	(682)
◊ C12 : 33nF	(333)
◊ C13 : 47nF	(473)

6 SWITCH



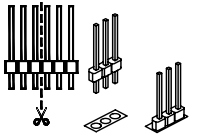
◊ SW1 : on/off

7 PCB PINS



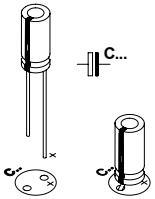
◊ **SK1** : Power 2x
◊ **SK2** : Line out 2x
◊ **SK3** : Speaker 2x
◊ **SK4** : Line in 2x

8 PIN HEADERS



◊ **SK5 :** Input selection
◊ **SK6 :** Output selection

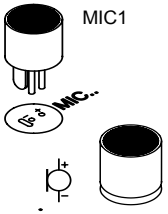
9 ELECTROLYTIC CAPACITOR



WATCH THE POLARITY !
ATT. À LA POLARITÉ !

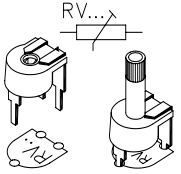
◊ C14 : 1µF
◊ C15 ... C20, C22 : 10µF
◊ C21 : 47µF
◊ C23, C24 : 100µF

10 MIC



◊ MIC1

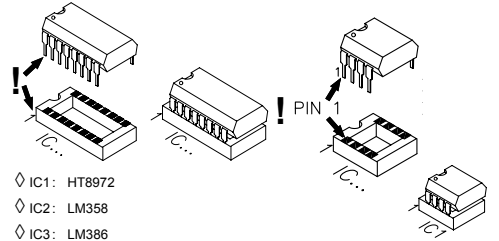
11 TRIMMER



◊ RV1, RV2: 22K (25K)
◊ RV3 : 47K (50K)
◊ RV4 : 10K

12 IC

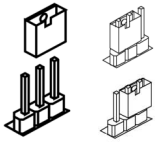
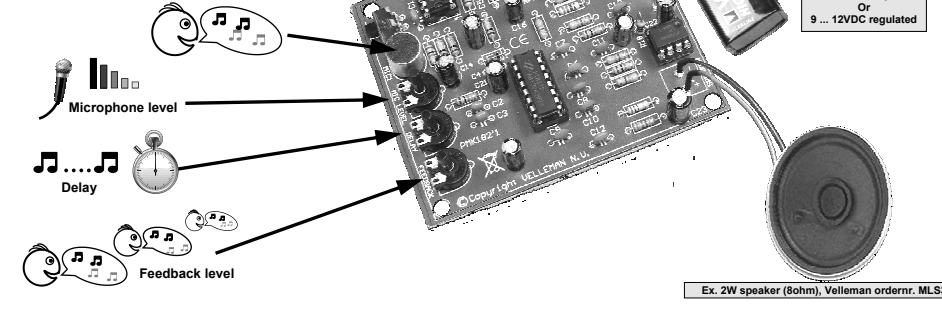
WATCH THE POSITION OF THE NOTCH !
ATTENTION A LA POSITION DE L'ENCOCHE !



◊ IC1 : HT8972
◊ IC2 : LM358
◊ IC3 : LM386

13

Select mode for IN - and OUTPUT:



INPUT	OUTPUT
Microphone	Line
line	speaker