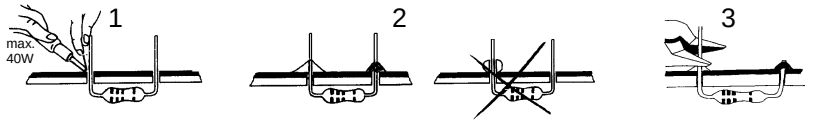
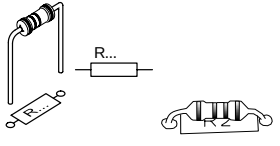
Soldering - Solderen - Soudage - Löten - Soldadura - Lödning - Juottami nen - Saldatura - Solda




START

## 1

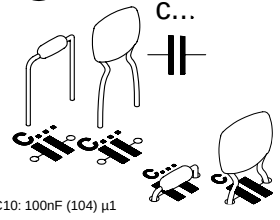
**Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze**




| | |
|---|---|
| R1, R2: 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) |
| R3...R6 : 220K | (Red, Red, Yellow) -(Rood, Rood, Geel) -(Rouge, Rouge, Jaune) -(Rot, Rot, Gelb) -(Röd, Röd, Gul) -(Punainen, Punainen, Keltainen) -(Rojo, Rojo, Amarillo) -(Encarnado, Encarnado, Amarelo) -(Rosso, Rosso, Giallo) |
| R7,R8 : 8E2 | (Grey, Red, Gold) -(Grijs, Rood, Or) -(Gris, Rouge, Gold) -(Grau, Rot, Guld) -(Grå, Röd, Kulta) -(Harmaa, Punainen, Oro) -(Gris, Rojo, Dourado) -(Cinzento, Encarnado, Oro) -(Grigio, Rosso, Guld) |
| R9...R13 : 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) |
| R14,R15 : 47K | (Yellow, Purple, Orange) -(Geel, Paars, Oranje) -(Jaune, Violet, Orange) -(Gelb, Violet, Orange) -(Gul, Lila, Orange) -(Keltainen, Purppura, Oranssi) - (Amarillo, Morado, Naranjado) -(Amarelo, Violeta, Laranja) - (Giallo, Viola, Aranciato) |
| R16 : 0 | (Black) -(zwart) -(noir) -(Schwarz) -(Svart) -(Musta) -(Negro) -(Preto) -(Nero) |

## 2

**CAPACITOR**



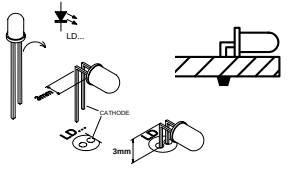

◊ C10: 100nF (104) µ1

◊ C11,C12 : 100pF (100, 101)

## 3

**LEDs**

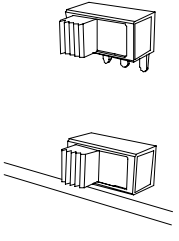
Watch the polarity ! Attention à la polarité !




◊ **LD1 :** red / rood / rouge / rot / röd / punainen / rojo / encarnado / rosso

## 4

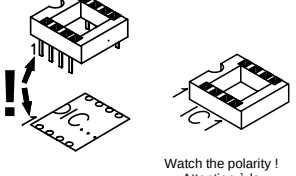
**SWITCH**



◊ SW1

## 5

**IC SOCKET**

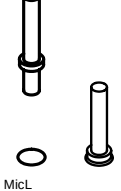



◊ IC1 : 8P

Watch the polarity ! Attention à la polarité !

## 6

**PCB TABS**



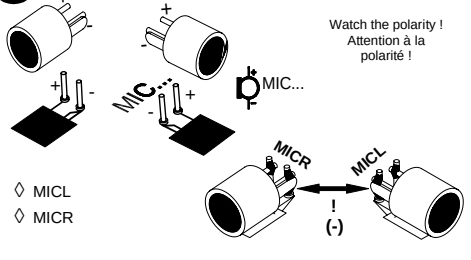
◊ MicL

◊ MicR

## 7

**MICROPHONES**

Watch the polarity ! Attention à la polarité !

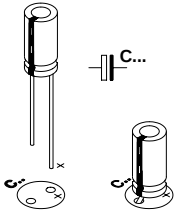



◊ MICL

◊ MICR

## 8

**ELECTROLYTIC CAPACITORS**




Watch the polarity !

Attention à la polarité !

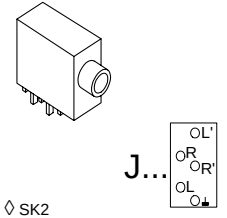
◊ C1...C4 : 1µF

◊ C5...C7 : 470µF

◊ C8,C9 : 10µF

## 9

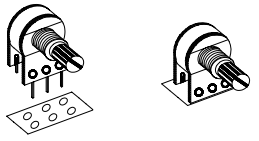
**PHONEJACK**




◊ SK2

## 10

**POTENTIOMETER**



**potentiometer - Potentiomètre - Potentiómetro - potentiometri - potentiometer - potenziometri**

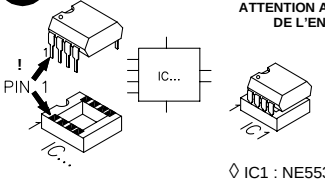
◊ RV1 : 50K

## 11

**IC**

**WATCH THE POSITION OF THE NOTCH !**

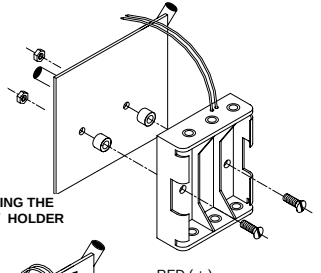
**ATTENTION A LA POSITION DE L'ENCOCHE !**



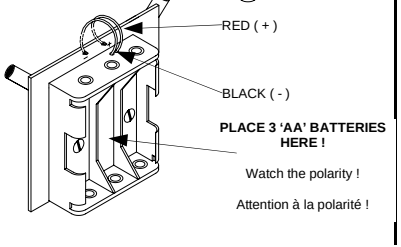

◊ IC1 : NE5532 or eq.

## 12

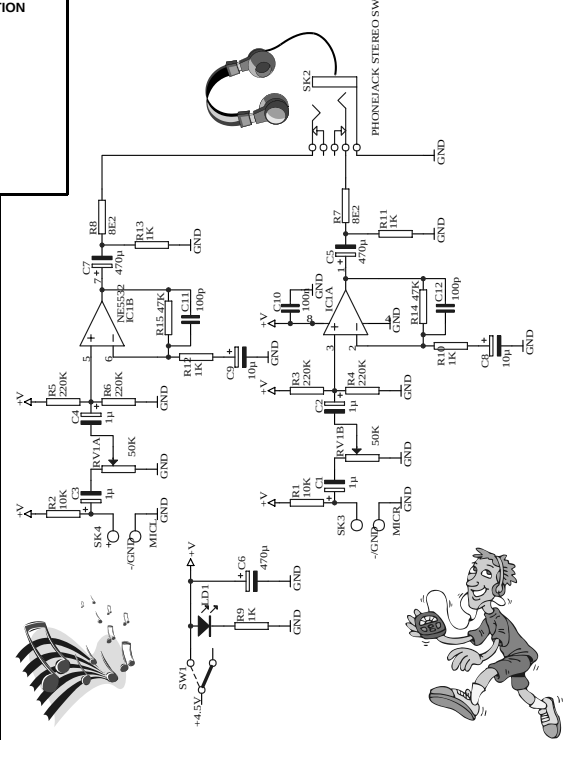
**BATTERY HOLDER & FINAL ASSEMBLY**



**CONNECTING THE BATTERY HOLDER**




**PLACE 3 'AA' BATTERIES HERE !**

Watch the polarity !

Attention à la polarité !