

TRANSISTOR CODE PRACTICE OSCILLATOR AND CODE MONITOR

USE AS CODE PRACTICE OSCILLATOR

Open box by grasping top with left hand, bottom with right hand. Apply pressure with right fingers to release dimples on sides from holes in top half of box. Two #912 Penlite batteries are required. Place one battery on top half of holder with positive (brass tip) end contacting the insulated eyelet with attached lug and red covered wire, place the other battery ~~opposite way with brass tipped end~~ contacting dimple on battery holder. Attach high impedance magnetic headphones to terminals marked "Phones". Crystal type phones cannot be used. Attach key leads to terminals marked "Key".

TO USE AS MONITOR

Make a link from a good grade of plastic covered lamp cord to pick up radio frequency current from the transmitter final tank coil. Make the coupling loop of one to three turns about the same diameter as the tank coil (see diagram). Attach leads of any convenient length to "Link Terminals (Key not attached)". Couple link lightly near tank coil and turn on transmitter. When coupling is adequate a note will be heard each time the transmitter key is pressed.

Use caution and do not over couple. Adjust link only when transmitter power is OFF. Link must not touch the final amplifier coil as the insulator. Moderate care prevents accidents and enables one to realize the full value of this instrument.

Batteries are not necessary for monitoring.

R. F. PICKUP LINK