

Combiphon Locating plastic and non metallic pipes acoustically



Principal of operation

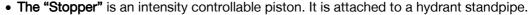
Plastic and fibre cement pipes are not electrically conductive, they cannot be located with traditional Cable Avoidance Tools or the Sewerin electromagnetic range of pipe locators which all work on the principal of detection of electromagnetic fields. The Combiphon can trace these liquid filled pipes by acoustics utilising the Stopper or the Knocker in conjunction with a suitable ground microphone such as the **AquaTest T10**

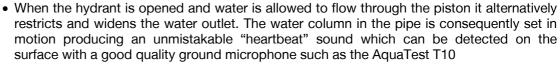


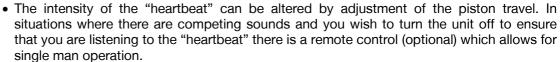
Combiphon power and control unit

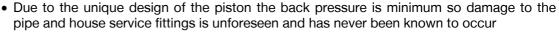
The Combiphon CG 50 central power and control unit houses a rechargeable battery and the controls for the Stopper and the Knocker. The Stopper or the Knocker is plugged in to the CG 50

Stopper for water distribution pipes









 An advantage in using an electrically controlled piston, as opposed to a spring one, is that changes in water pressure caused by user draw off or a change in pressure have no effect on the settings.



Knocker for customer supply / house service pipes

- On smaller pipes such as house service lines the "Knocker" is used
- It attaches around the pipe (up to 100mm) with an adjustable chain. It "taps" on the pipe wall and the resulting sound is heard on the surface with the ground microphone.
- Frequency, intensity and On/Off can be adjusted via a wireless emote control.



Technical data

Power supply: Lead acid rechargeable battery. Charged with 12
V car cigarette lighter lead or mains adaptor

• Operating time: with the Knocker, between 5 – 80 hrs

Operating temperature: -10 °C ... +50 °C
Protection class: IP 54 (lid closed)

• Case Dimensions (W x H x D): 60 x 19 x 21 cm (with compartment

for knocker)

Remote control
Radio Remote control. 10 mW