

# ACOUSTIC CABLE FAULT LOCATORS

## UNIVERSAL RECEIVER AP-027

### Application:

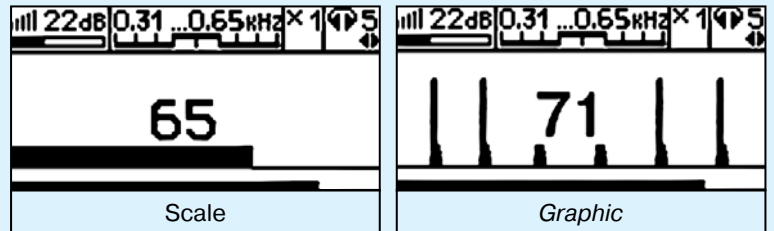
- location of buried underground utilities
- burial depth measurement by indirect method
- cable fault location by electromagnetic and acoustic methods (with optional high-voltage pulse transmitter)
- cable location with electromagnetic sensor
- area survey before excavation works



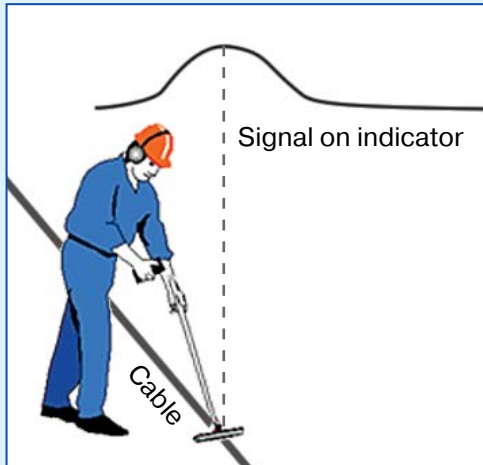
### AP-027 receiver features:

- Big LCD screen with graphic indication
- Operation with cable fault locating sensors
- Sound notifications through headphones and built-in speaker
- High sensitivity and interference protection
- Lightweight and easy to handle
- Memory up to 30 measurements

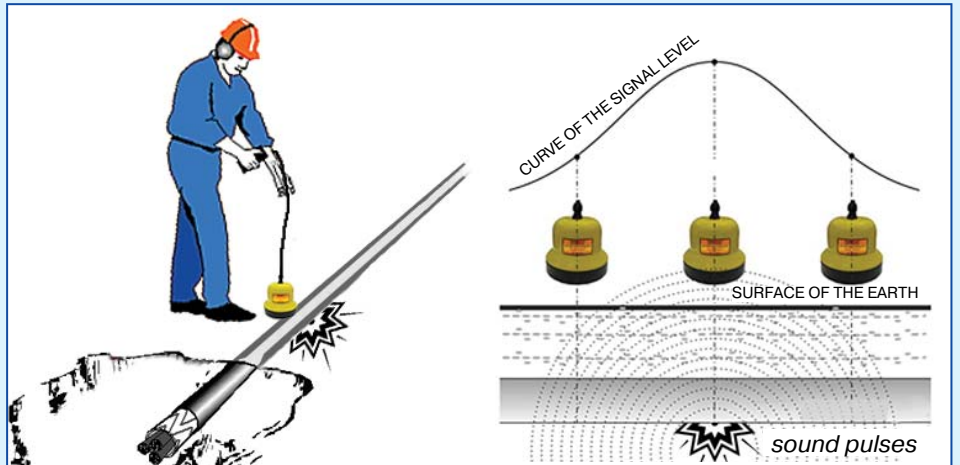
### VISUAL INDICATION OF SIGNAL



### Cable fault location by acoustic method



Cable location with electromagnetic sensor



Estimated place of the defect with acoustic sensor

## SETS AVAILABLE WITH AP-027 RECEIVER

### CABLE LOCATOR AND ACOUSTIC FAULT DETECTOR «SUCCESS ATP-434E»

**Cable locator and acoustic fault detector is designed for:**

- Detection of energized cable lines underground up to 6 m depth by passive method with indirect depth measurement function
- Cable fault location by acoustic methods (with optional high-voltage pulse transmitter)



**Set contents:**

Receiver AP-027 / Acoustic sensor AD-227  
Electromagnetic sensor EMD-247 /  
Headphones  
Carrying rod for AD-227 / Extension carrying rod for AD-227 / Contact rods for AD-227 / Magnet for AD-227 / Holder for AP-027 / Screwdriver  
Manual and passport / Carrying case

### CABLE LOCATOR AND ACOUSTIC FAULT DETECTOR «SUCCESS ATG-435.15E» (with transmitter AG-105, 20W)

Same operations as ATP-434E  
and also:

- Detection of cables and metal pipelines underground up to 6 m
- Cable fault location by electromagnetic and acoustic methods (with optional high-voltage pulse transmitter)
- Detection of insulation deterioration on cables by contact and non-contact methods
- Survey the ground before the excavation works
- Distance of tracing from the point of transmitter connection is up to 3 km



**Set contents:**

Receiver AP-027 / Transmitter AG-105 / Headphones /  
Acoustic sensor AD-227 /  
Carrying rod for AD-227 / Extension carrying rod for AD-227 / Contact rods for AD-227 / Magnet for AD-227  
Electromagnetic sensor EMD-247  
Grounding rod / Cables and accessories

### CABLE LOCATOR AND ACOUSTIC FAULT DETECTOR «SUCCESS ATG-127E» (with transmitter AG-120, 120W)

Same operations as ATG-435.15E  
and also has following features:

- Powerful transmitter which allows:
  - Significantly extend transmitter's battery life
  - Set the desired current value
  - Control output parameters of the transmitter
  - Distance of tracing from the place of transmitter connection is up to 5 km



**Set contents:**

Receiver AP-027 / Transmitter AG-120 / Headphones / Acoustic sensor AD-227 /  
Carrying rod for AD-227 / Extension carrying rod for AD-227 / Contact rods for AD-227 / Magnet for AD-227  
Electromagnetic sensor EMD-247  
Grounding rod / Cables and accessories



## ACCESSORIES



**Sensor NR - 117**

Identification of the cable, the function "selection the cable from a bunch"



**Sensor for insulation control DKI-117**

Searching of outer insulation defects of metal pipelines (water, gas) at trenchless laying



**Clamps transmitting CI-110**

Noncontact connection to the pipelines or to the cable lines



**Sensor for determination of insulation defects DODK-117**

Searching of cable faults at shorting of its armoring to the ground