

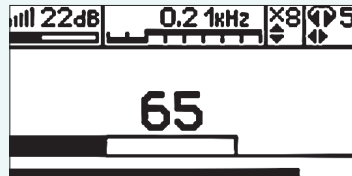
# WATER LEAK DETECTOR AND CABLE (PIPE) LOCATOR SUCCESS ATG-435.15N

## Application

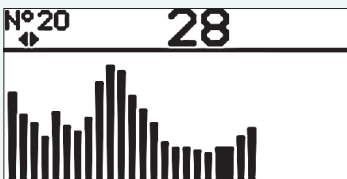
- Acoustic location of water leakages in underground metal and plastic pipes
- Detection of acoustic leakage noise up to 3 meters depth and with pressure starting from 2 bars
- Location of energized power cable 50 (60) Hz at depth up to 6 meters
- Location of underground utilities at distance up to 3 kilometers
- Portable transmitter with 20 W of power to locate almost any pipe or cable below ground surface



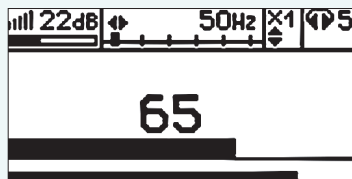
Signal specter analysis with digital filtering



Signal strength indication for easy leakage location



Memory screen for signal level comparison



Signal strength indication



## SPECIFICATIONS

### TRANSMITTER (AG-105)

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Output power.....               | 20W                               |
| Maximum output current.....     | 5 A                               |
| Maximum output voltage .....    | 40 V                              |
| Supported frequencies .....     | 512/ 1024/ 8192 / 32768 Hz        |
| Utility connection options..... | Direct, Clamp, Inductive          |
| Power supply .....              | 8 type C batteries (accumulators) |
| .....                           | 12V vehicle accumulator / 220V    |
| Operating time.....             | 10 hrs                            |
| Visual indication.....          | 2-digit LED segment indicator     |
| Operating temperature.....      | - 30...+60°C                      |
| IP protection rate .....        | IP65                              |
| Dimensions.....                 | 216x180x105mm                     |
| Weight.....                     | 2                                 |
| Warranty .....                  | 1 year                            |

### BASIC SET

|   |                          |
|---|--------------------------|
| - Receiver                                | - Grounding accessories  |
| - Acoustic sensor (Ground microphone)     | - 4 AA batteries         |
| - Set of extension rods for sand and snow | - 8 pcs type C batteries |
| - Extension carrying handle               | - Electromagnetic sensor |
| - Signal transmitter                      | - Headphones             |
| - Connection leads                        | - User manual in English |
|   | - Carrying bags          |

### OPTIONAL ACCESSORIES

|  |                                    |
|--|------------------------------------|
| - Compact acoustic sensor for valve inspection | - Type C accumulators with charger |
| - 4 AA accumulators with charger               | - Cable fault location sensors     |

## SPECIFICATIONS

### RECEIVER (AP-027)

#### LEAK DETECTION

|                                       |   |
|---------------------------------------|---|
| Pipe pressure for leak detection..... | 2 bar or more                                   |
| Leak detection depth .....            | Up to 3 meters                                  |
| Detected noise frequencies.....       | 0,09 to 2,20 kHz                                |
| Gain .....                            | 120 dB  |
| Indication.....                       | Visual – specter, scale, graph                  |
| .....                                 | Audio – natural sound, digitally filtered sound |
| Power supply .....                    | 4 AA batteries                                  |
| Working time .....                    | 20 hrs  |
| Protection .....                      | IP54  |
| Receiver dimensions.....              | 220 × 102 × 42 (mm)                             |
| Receiver weight .....                 | 0,46 kg   |
| Operating temperature.....            | -20°C ... +50°C                                 |
| Warranty .....                        | 1 year  |

#### CABLE LOCATION

|                                      |  |
|--------------------------------------|--|
| Cable & pipe detection depth .....   | Up to 6 meters                               |
| Frequencies of the receiver .....    | 50...60 Hz, 100 to 450 Hz through 50 Hz, 120 |
| .....                                | to 540 Hz through 60 Hz, 512 Hz / 1024 Hz /  |
| .....                                | 8192Hz / 33kHz                               |
| Gain .....                           | 100 dB                                       |
| Cable & pipe detection accuracy..... | ±5% of utility depth                         |