

PERIJA PLUS® Technical Data Sheet

Technology	Acoustic
Sensor	Piezoelectric type, Pick-up Sensor (Equipped with characteristic ball to break wind noise) IP67 equivalent (water depth 1m, 30 minutes) Power Supply Voltage 3.3V - Equipped with industrial grade magnet (Removeable) - Tripod Plate - Contact rod 6 x 30 Cm (Can be screwed to the sensor) (Optional)
Sensitivity	Total sensitivity about 1000V/G at (400Hz)
Amplification	59dB±3
Frequency Range	100 – 4000 Hz
Band Pass Filters	16 Selectable band pass filters High Pass: 100, 200, 400, 600 Hz / Low Pass: 800, 1200, 2100, 4000 Hz
Notch Filters	50 Hz, 60 Hz, off (Selectable)
filterROT™ Mode	Filter Rotation Mode
Activation	Manual MUTE key on hand-switch
Display	5" Color sunlight readable TFT (with 1000 nits backlight) Backlight control: ON, OFF, Auto adjustment (Depend on environment light) Multi languages: English / French selectable (Please contact us for Spanish, Turkish, Arabic... instead French Language) Measuring and displaying values: ▪ Real-time Signal Strength ▪ Minimum Signal Strength ▪ Average Signal Strength Display values in numeric, Bar-graph and Line-graph (Selectable with SWAP Key) The user can mark each signal as a leakage value also, unmark or delete. ▪ Date and Time ▪ Continuous GPS Data (refresh time 1 Sec, CEP:2.5m) ▪ System Temperature and Humidity ▪ Battery Level ▪ Memory Capacity ▪ Headphone Status ▪ Sensor Status ▪ Bluetooth Status ▪ Sensitivity Level ▪ Bandpass and Notch Filters
Battery	7.4V (2 x 3.7V) / 3500mAh 18650 Li-ion Rechargeable Battery Pack, Unreachable 100 - 240V, 50/60Hz Fast Charger PERIJA PLUS™ is equipped with Power Management System.

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Audio	System alarm (Buzzer) Stereo headphone (Impedance 100 Ohm) 101 dB/mW, 18-20000 Hz Supports Bluetooth Headphones (UGREEN External Bluetooth 5.0 Module) Pairing 2 devices simultaneously with 10m board operation range. Model: CM403, FCC, CE, UK CA certified
GPS	Internal GPS / CEP 2.5m, Refresh time 1 sec
Leak noise level recording function	The data of 1,200,000 places can be recorder in the memory of main unit. User can use the data for check, Compare, report's attached data, display on Google map and navigation path by HSS Water Leak Detection APP
Memory	PERIJA PLUS is equipped with Automatic Data Storing. (Triggered by MUTE Key) Total memory capacity: 1,200,000 data frames Data Frame Included: Date, Time, GPS, Signal Value, Sensitivity Level, Filters, Temperature, Humidity and Setting Data Internal memory included 30 folders, 20 projects per folder and 2000 data frames per project that each data is manageable in system setting.
Operation Condition	Operation Temperature: -10 to +50 °C / 14 to 122 °F Storage Temperature: -20 to +60 °C / -4 to 140 °F Dustproof and water-resistant function were equipped. Even if light rain and water splash on the site is ok.
Data Communication	Bluetooth for data transferring to "WATER LEAK ASST. APP"
Smart-phones APP	WATER LEAK ASST. APP (Professional Android Based APP)
Transport	Hard case, NANUK 930 with IP-68 protection Air-Cell Technology shoulder strap
Dimension	Main Unit (L x W x H): 5.3" x 2.7" x 1.2" (136 mm x 60 mm x 30 mm) Standard package (L x W x H): 7.4" x 5.1" x 2.6" (188 mm x 130 mm x 65 mm)
Weight	Main Unit: ~ 1 Kg (2.2 lb) Pick-Up Sensor with Hand-Switch set: ~ 0.67 Kg (1.48 lb) Standard package: ~ 6.7 Kg (14.7lb)
Warranty	1 Years Limited Warranty 5 Years after sales service

Standards	Certification and Compliance (FCC, CE, ICES) Contains IC: 11012A-BC127 / Contains FCC: SSBC127-X - Federal Communications Commission (FCC) CFR 47, Part 15, Subpart B Class an Unintentional Radiators - INTERNATIONAL ELECTROTECHNICAL COMMISSION (International Special Committee on Radio Interference) CISPR 11:2009 + A1:2010 / EN 55011:2009 +A1:2010 CLASS A, GROUP 1 Industrial, Scientific, and Medical (ISM) Equipment Innovation, Science and Economic Development, (ISED) Canada, ICES-003, ISSUE 6, CLASS A Verification Authorization – Information Technology Equipment (Including Digital Apparatus) - EUROPEAN STANDARD: EN 61326-1:2013 Electrical Equipment for Measurement, Control and Laboratory Use – EMC Requirements, Part 1: General Requirements (For General Location)
Made in Canada	We reserve the right to make technical changes without prior notice.