

SISTEM

READY-TO-USE PORTABLE INFRASOUND STATION



ALL-IN-ONE INFRASOUND STATION

SISTEM is an easy to deploy and transportable infrasound station which mainly includes an infrasound sensor MB3d or MB3a, a data transmission equipment, a power supply, an optional collocated weather station and a flexible wind noise reduction system.

EASY INSTALLATION

SISTEM is especially designed to facilitate its installation and uninstallation with minimum human and material resources, within the shortest time. SISTEM Infrasound station is ready to use after quick plug connections. Accessories are delivered in transportable and reusable cases.

MODULAR EQUIPMENT

SISTEM's standard electronic equipment (modem, battery or even sensor) can be modified according to your needs upon request.

REMOTE DATA RECOVERY

SISTEM is equipped with a GSM/3G/4G modem and a RS232 to ethernet converter allowing the remote transmission of your MB3d data.

MULTIPLE POWER CONNECTIONS SOLUTIONS

You can connect SISTEM to the mains, to external batteries or to solar panels, depending on your needs and on field constraints.

OPTIONAL WEATHER STATION AND WNRS

SISTEM is designed to be easily connected with a weather station and a flexible wind noise reduction SISTEM for more efficient measurements.



TECHNICAL SPECIFICATIONS

BASIC EQUIPMENT	
Sensor	<ul style="list-style-type: none"> * MB3d digital infrasound sensor—24 bits digitizer and 1 GB data storage * MB3a analog sensor
Power equipment	<ul style="list-style-type: none"> * Rechargeable Li-ion battery * Solar Charge controler * Li-ion battery chargers
Data transmission equipment	<ul style="list-style-type: none"> * GSM/3G/4G modem * RS232 to ethernet converter (with MB3d version) * 450 MHz cellular antenna * Digitizer (with MB3a version)
Control panel	* GSM base / GPS base/ solar panel base/ power input / USB / Ethernet
Magnet wrench	Specific wrench for magnet adjustment
Magnet adjustment cable	18 pin connector to banana plugs. To connect between the analog module and a multimeter in order to adjust the magnet postion.
GPS antenna	Details upon request
OPTIONAL EQUIPMENT	
Weather station	Details upon request
Tripod mast for weather station	Details upon request
Solar panel	Details upon request
L-feet kit for solar panel	Details upon request
Extra Li-ion battery	Details upon request
GPS cable 10m	External 10m GPS cable
Mains power cable	External mains power cable
Flexible Wind noise reduction system	Details upon request
WNRS wrench	Details upon request
Thermal protection plate	Details upon request
PHYSICAL CHARACTERISTICS	
Operating temperature	-20°C +50°C
Empty weight	14.6 kg
Loaded weight	23 kg
Dimension L x l x h	574mm x 540mm x 405mm
Color	Light beige

In the interests of continual improvement with respect to design, reliability, function or otherwise, all product specifications and data are subject to change without prior notice.