HDD LOCATING SYSTEMS

Sense

IT MAKES SENSE

Locating system

SNS 1t

Quick manual

Equipment:

- transmitter SNS MSt2;
- adapter for transmitter;
- receiver SNS 1t;
- manual;
- WiFi R-Box;
- SNS 1t bag;
- receiver Li-Ion battery with power cable.

CSTT — International Society for Trenchless Technology   iSTT — International Society for Trenchless Technology   CE   EAC
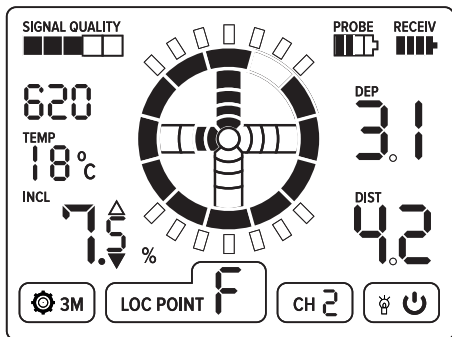
Location screen

Around FRONT locting point

Quality of transmitter signal

Power of transmitter signal

Transmitter temperature

Transmitter angle

3m calibration

SIGNAL QUALITY

620

TEMP 18 °C

INCL 7.5 %

PROBE RECEIV

DEP 3.1

DIST 42

3M   LOC POINT F   CH 2

Transmitter battery level

Receiver battery level

Depth

Horizontal distance to the probe / Predicted depth in front (F) point
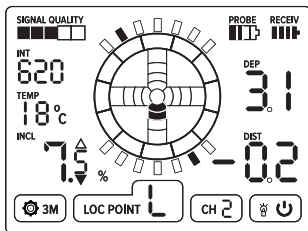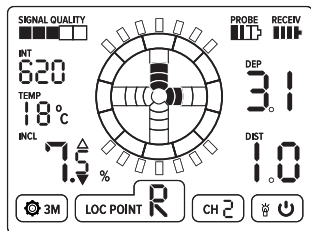
Power ON/OFF and lighting

Switching locating points
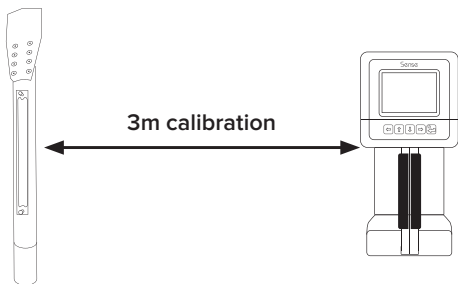
Switching telemetry channel

Around REAR locating point

SIGNAL QUALITY

INT 620

TEMP 18 °C

INCL 7.5 %

PROBE RECEIV

DEP 3.1

DIST 1.0

3M   LOC POINT R   CH 2

Around Locating Line

SIGNAL QUALITY

INT 620

TEMP 18 °C

INCL 7.5 %

PROBE RECEIV

DEP 3.1
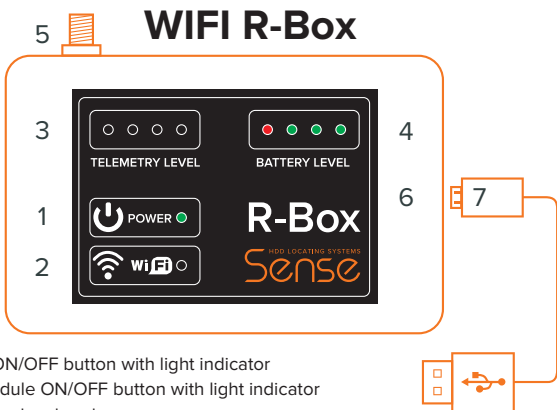
DIST -0.2

3M   LOC POINT L   CH 2

Preparations

1. Turn ON Receiver by pushing and holding Power button until sound signal and turning ON the screen.
2. Put AA battery into transmitter, close the cap and wait for appearing data on the screen.
3. Put the transmitter into the drill head (use adapter if needed) with orienting on "12 o`clock" position. Put drill head in 3 meters from left (right) side of the Receiver like on the picture below.

3m calibration

4. Press and hold ⇐ button to start calibration process. Keep holding ⇐ button press ⏱ button until 3.00 m numbers will appear. Unleash both buttons.
5. CALIBRATION IS DONE

6. Clock position correction – correction clock face position of the drill head on the screen. To make it – turn ON Receiver and transmitter, put drill head with the transmitter in needed clock position, press and hold ⇑ button and then press ⏱ button to confirm. New correction can be done after canceling previous one. To cancel correction – turn OFF the transmitter and make correction again. Position will back to 12 o`clock.

WIFI R-Box

5

3 TELEMETRY LEVEL

4 BATTERY LEVEL

1 POWER

2 WiFi

R-Box
HDD LOCATING SYSTEMS
Sense

6

7

1. Device ON/OFF button with light indicator
2. WiFi module ON/OFF button with light indicator
3. Telemetry level scale
4. Device battery scale
5. Plug for the antenna
6. MicroUSB plug for direct connection to Android device and for power charging.
7. USB – MicroUSB cable

Displaying information on the screen of the Android device using WiFi R-Box

((2))
Telemetry channel

((•))
Telemetry status

1
Rod number

Screen inversion

Project/Table

4.2 3.1
Distance / Depth

Location screen

-7.5
Transmitter angle

t°:18 °C

12
9   3
6

Tool face