

QUICK GUIDE FOR AVA TRACE VIBRATION MONITOR SETUP M80 – Floor & Wall Sensor



Step 1

- A. Place the black box in the required position
- B. Place the geophone in measurement position

Step 2 | How to position geophone

[Follow BS5228 Guidance]

- A. Wall Mount Option
Use the through hole for wall mounting.
- B. Floor Mount Option
Bolt the sensor to the plate
Screw the 3 x pins to the floor plate base
Level the geophone and plate
- C. Point the arrow on the sensor towards the source of vibration

Step 3 | [see image left]

- A. Attach the cable to the black box in order
Channel 1 = **T (RED CABLE)**
Channel 2 = **V (BLACK CABLE)**
Channel 3 = **L (GREEN CABLE)**

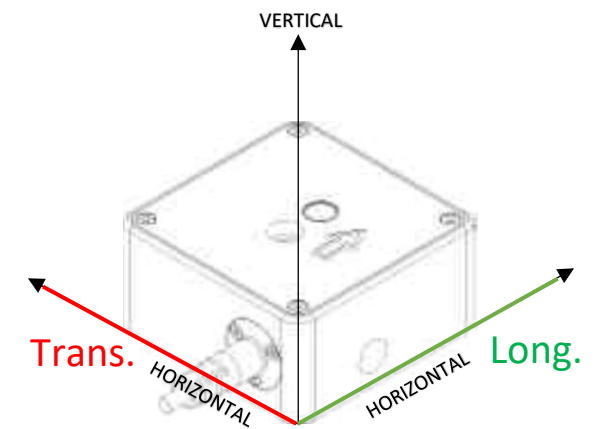
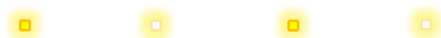


Image above = Geophone



How to START a measurement:

1. Press the CONNECT button and wait for a signal to be displayed.
2. Press the START button once



Wait... LED 3 should blink slowly every 1 second to indicate success
The measurement is now running!

IMPORTANT NOTES

- Always STOP the measurement before moving equipment
- DATA PROCESSING light is on when it is uploading/downloading

How to STOP a measurement:

1. Press and hold STOP button for 5 seconds

LED 3 will stop blinking
DATA PROCESSING light will remain on for approx. 1 min

To switch OFF the unit. Remove cables attached.

How to change BATTERY:

1. STOP the measurement
2. Ensure DATA PROCESSING light is OFF before removing batteries!
3. Open the door and change 6 x D Cell batteries immediately.

