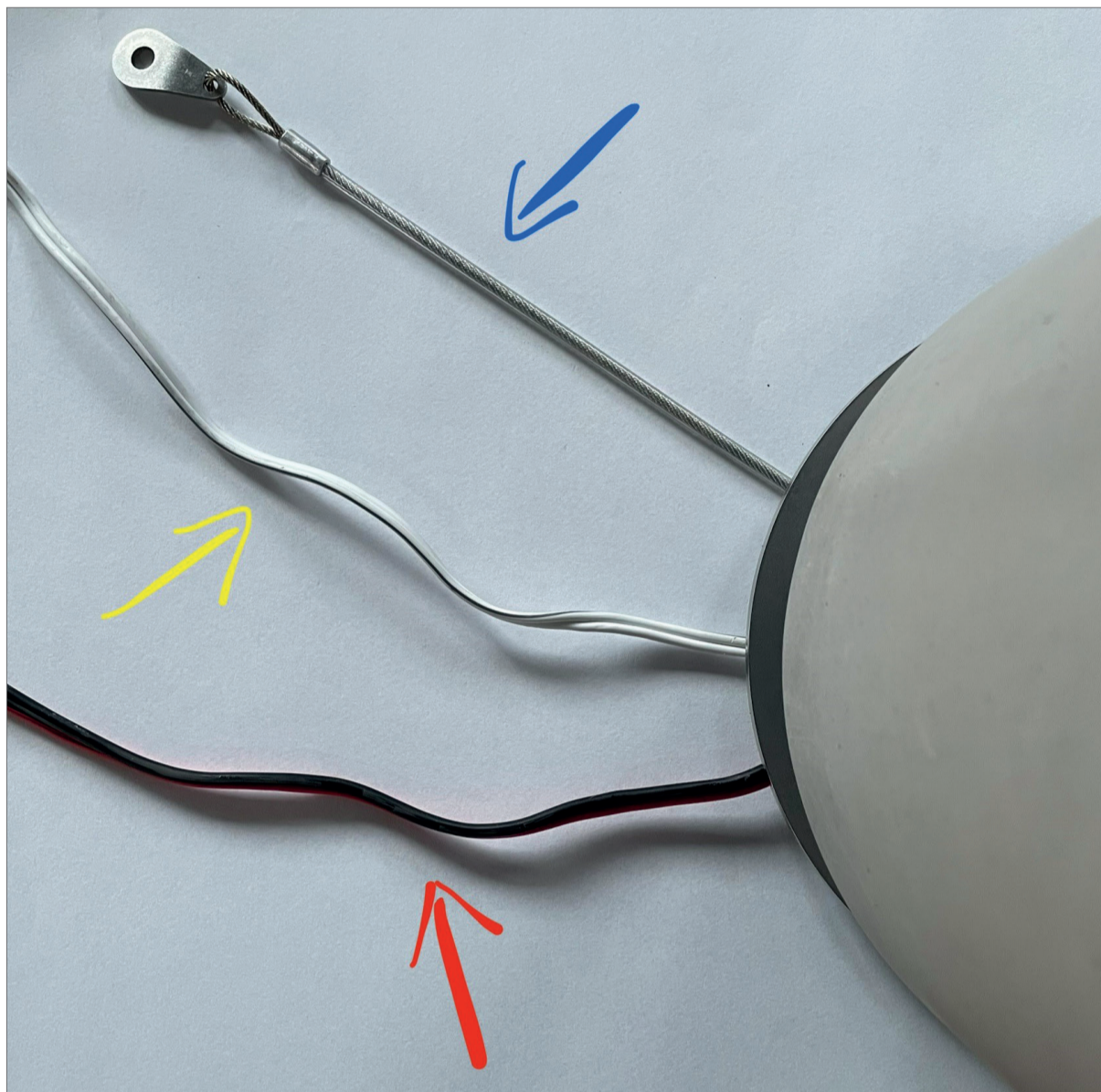


Installation instructions

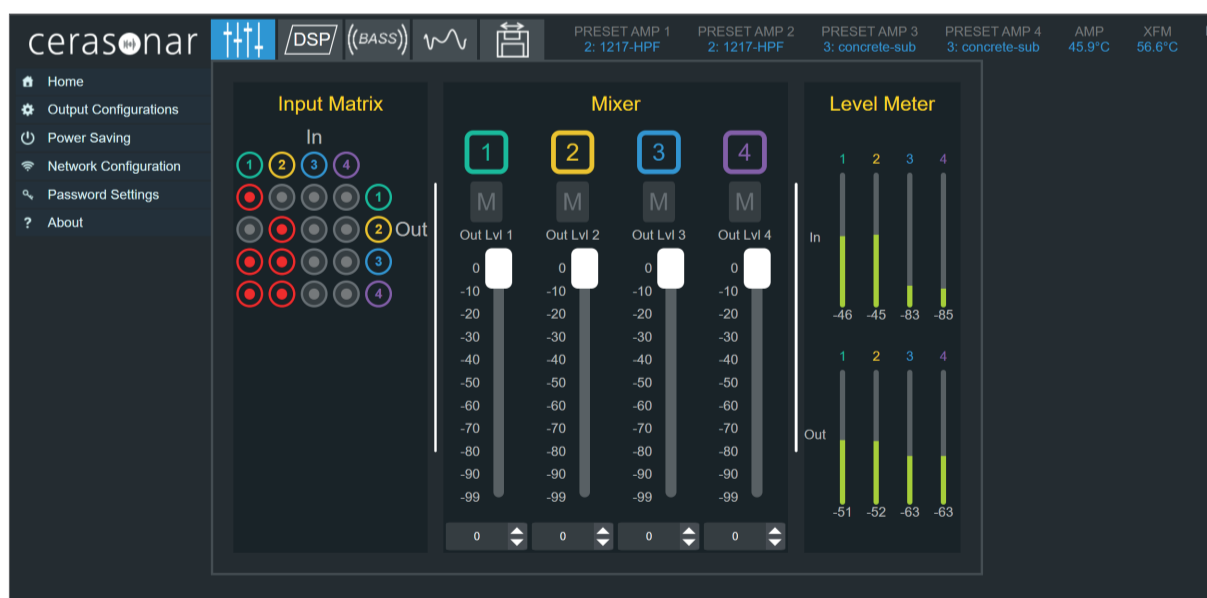
- cerasonar concrete mini

cerasonar
invisible speakers



RED ARROW: red/black cable = speaker cable
YELLOW ARROW: white/black cable = LED cable (12V or 24V)
BLUE ARROW: optional theft protection, M5 fixing hole

Caution: Mixing up the cables will damage the speaker! **Important:** Ensure correct polarity.



The concrete mini loudspeaker requires a cs-500dsp4 v2 (recommended) or cs-2000dsp4 amplifier for operation.

If the amplifier has not already been pre-programmed by us, the correct preset must be loaded.

The following applies:

1217-FR = fullrange preset with dynamic bass boost, suitable without additional subwoofer
 1217-HPF = highpass preset, suitable with additional subwoofer

Advice: If the concrete mini is operated without a subwoofer, we recommend placing it approx. 50 cm in front of a wall in order to amplify the low-frequency response. When operating with a subwoofer and/or with several concrete mini, a correct delay must be set in the DSP so that the sound reaches the listener in the correct phase.