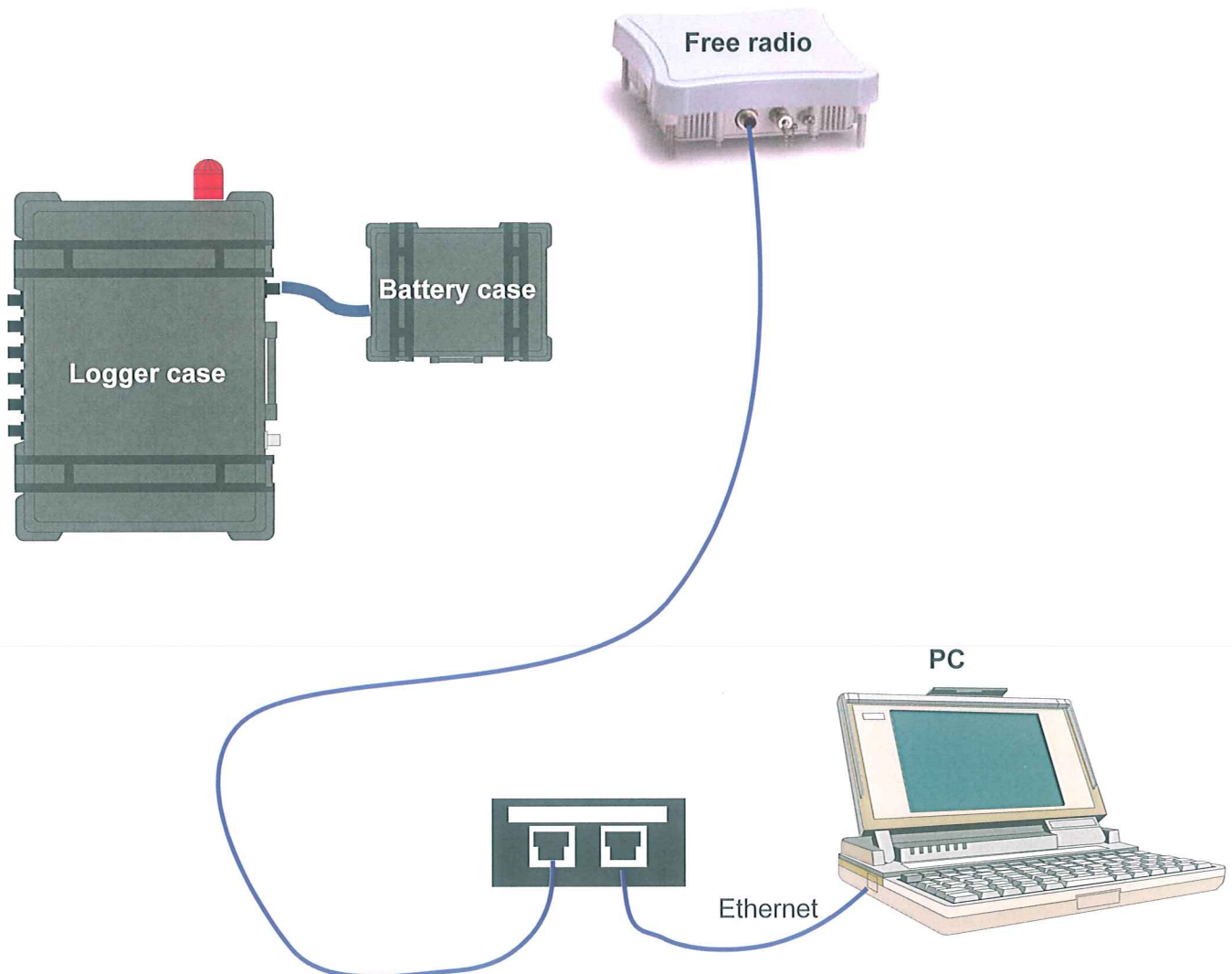


Radio-logger system

Users manual





Channel configuration.

As default, channels to the logger is wired as below:

Channel 1 to 6	Continuity test
Channel 7 to 15	Pressure transmitter (4-20mA, 2 wire)
Channel 16	Battery condition
Digital Out 1	Alarm sounder/beacon

Batteries and charging

Battery condition (channel 16) is scaled as table below:

Battery Voltage	Measured Voltage
20 V	3,61 V
21 V	3,79 V
22 V	3,97 V
23 V	4,15 V
24 V	4,33 V
25 V	4,51 V
26 V	4,69 V
27 V	4,87 V
28 V	5,05 V

A healthy battery should read between 22,5 to 27 volts.

To charge a battery, connect it to the enclosed charger (16), following instructions as described in chapter 6.

It is possible to change battery during operation.

If two batteries are in use and connected to the logger/transmitter case, change one at a time to ensure continuity. Don't leave one healthy and one discharged battery connected to logger/transmitter case for more than a minute.

If only one battery is in use, connect a healthy one to the spare connector (A or B) on the logger/transmitter case. Then disconnect and recharge the discharged battery.

Important notice!

If battery voltage has dropped to 22,5 Volts or less, recharge the battery immediately, or battery will be permanent damaged.