Hydrophone Input
Pin 1 : GND / 0Volt
Pin 2 : Charge input / 220pF
Pin 3 : Voltage Input / 1Gohm
Pin 4 : GND / 0Volt
Pin 5 : DC output +6Volt / 100R
Pin 6 : DC output -6Volt / 100R

High Pass Filters
Used for filtering off low frequency noise like seawaves and engine noise.
With heavy filtering the gain will increase and visa versa.

Source Select
The detector position converts all frequencies from 16kHz to 160kHz down into the audible range.
TheHydrophone position monitors full range from High Pass setting up till 160kHz

Volume. Sets the level on the 3.5mm Mini Jack connector.

BNC connector output for measuring the full range hydrophone signal. Fixed Level

Charge Input connector
Center Pin is 2.1mm

Frequency detector indicators:
Green for 10kHz.
Blue for 20...160kHz
Indicators will work up till 50 meters from pingers depending on weather conditions.
Indicators will not stand alone.
For longer distances
You must depend on your ears.
Headphones or Pocket Speaker.
At high background noise level the internal Automatic Gain Control (AGC) will turn down the amplification in order to prevent overload.
More Gain may be obtained by applying High Pass Filter

Battery Test Indicator / Negative cells
Battery Test Indicator / Positive cells
A total of 8 pcs. AA Ni/Mh cells.
All cells to be placed with positive pole out.

Battery Test and Gain Hold Switch
Gain Hold text (not printet on front panel)
Meaning : Gain Hold Down / Max Gain is obtained by releasing the switch to center position.

On indicator. By turning the Source Select Switch.
Ready Lamp. When the internal charger is finish.
The Charger is selfdetecting and it stops and maintains the batteries when fully charged.
Charge Lamp. When a charge voltage is attached. Charge voltage may be anything from 10Volt to 30Volt AC or DC