Operators Quick Guide / Pinger Detector PD1102

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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

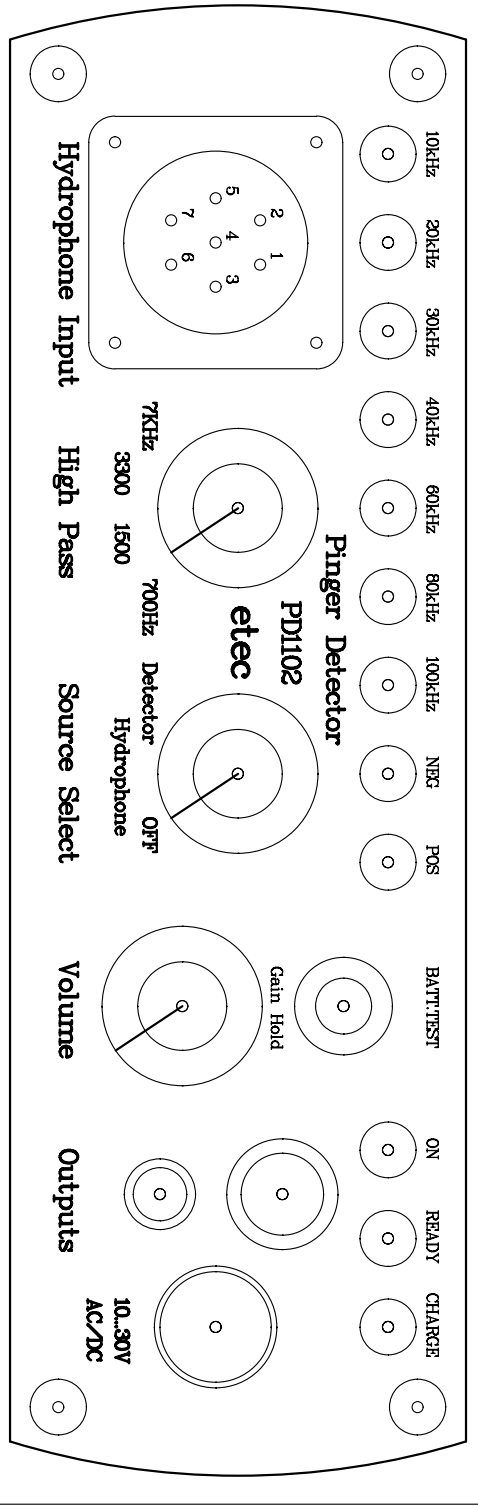
High Pass Filters
Used for filtering off low
frequency noise like seawaves
and engine noise.
With heavy filtering the gain
will increase and visa versa.

Source Select
The detector position converts
all frequencies from
16kHz to 160kHz
down into the audible range.
The Hydrophone position
monitors full range from
High Pass setting uptill 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 uptill 50 meters from
pingers depending on wether 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
interneal 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