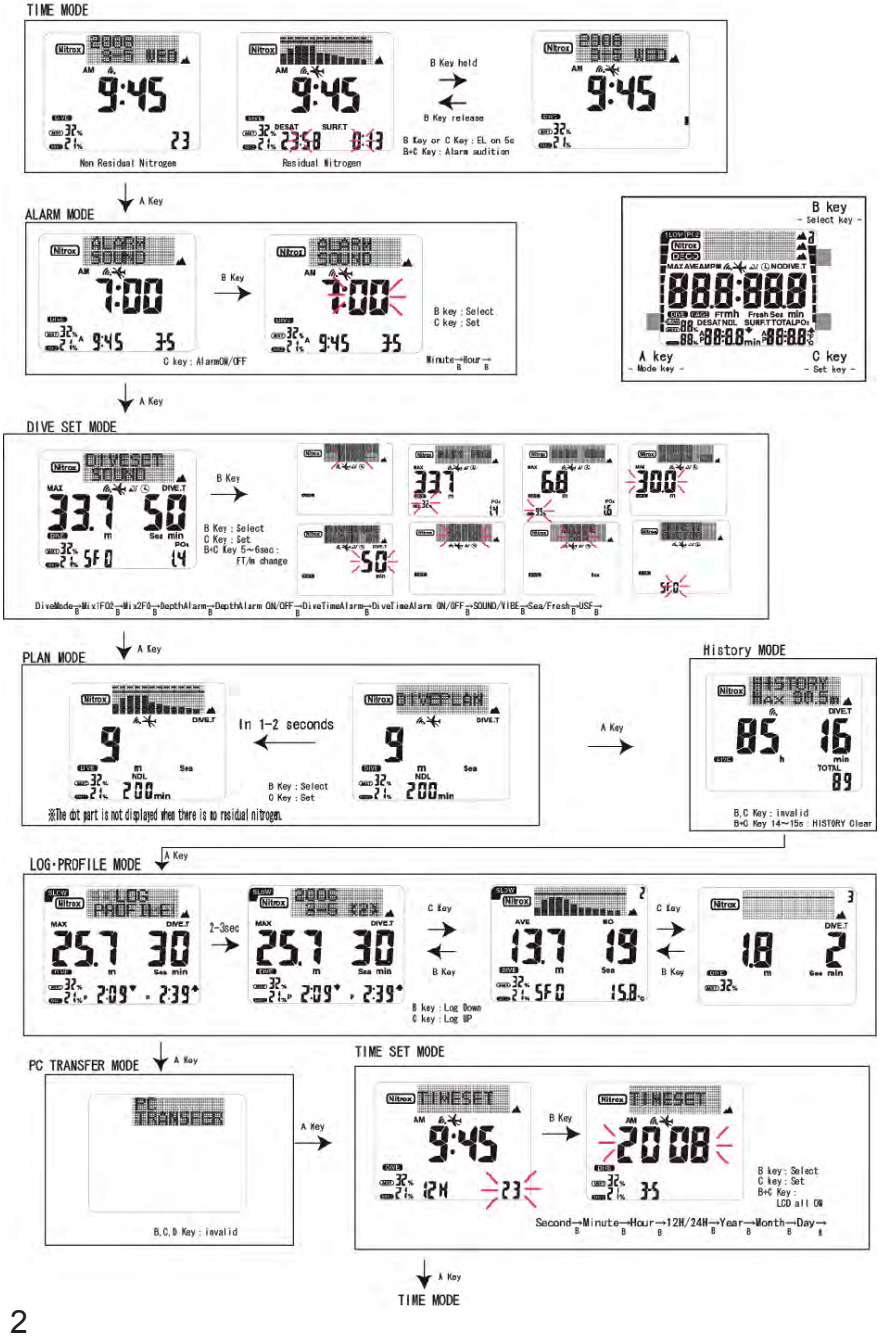
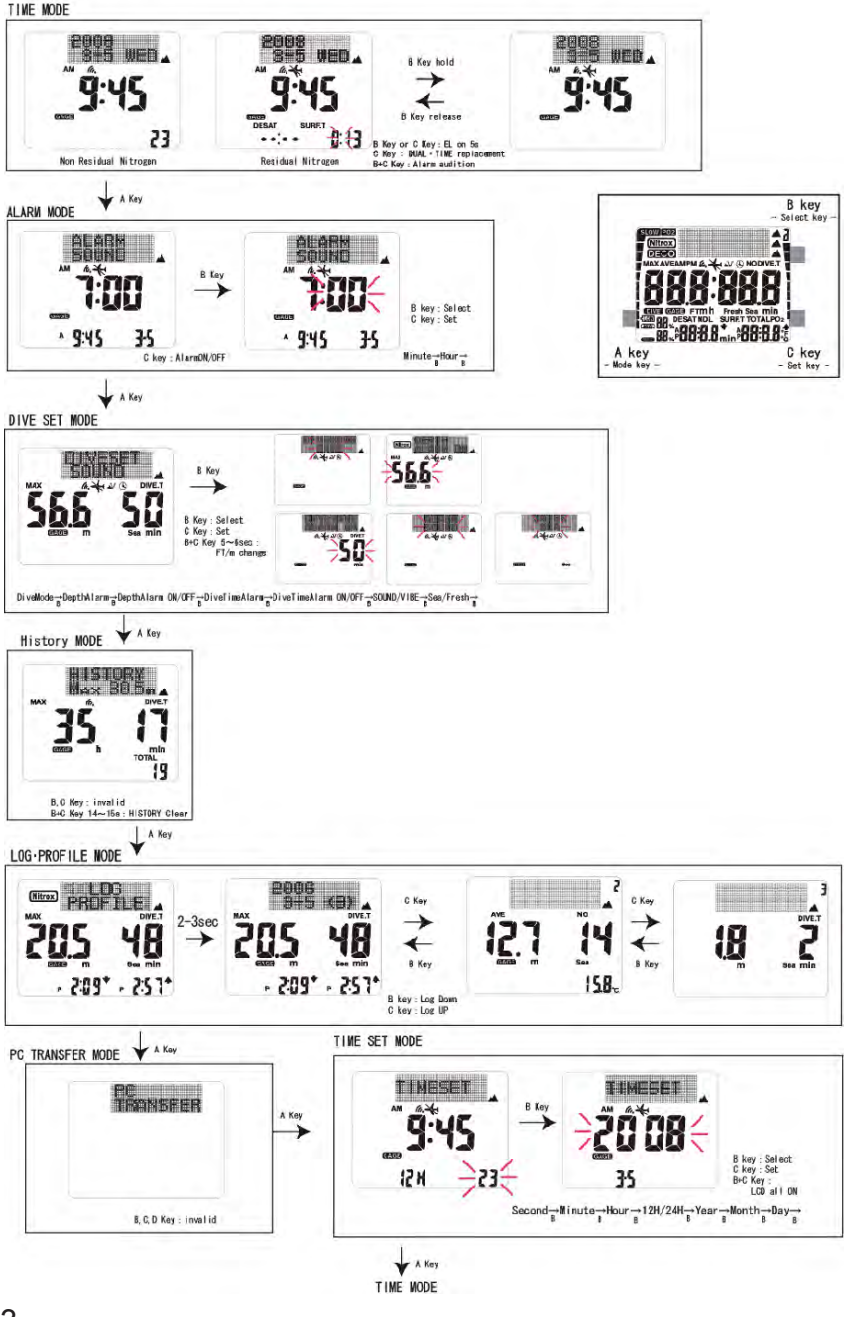
IQ-850 Flow Chart



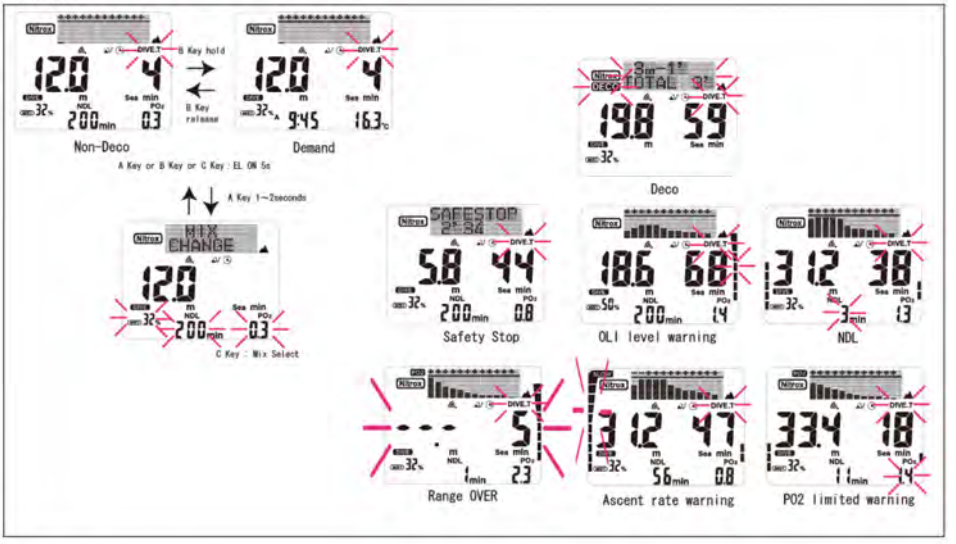
IQ-850 Flow Chart cont.



■DIVE

1.5s or more

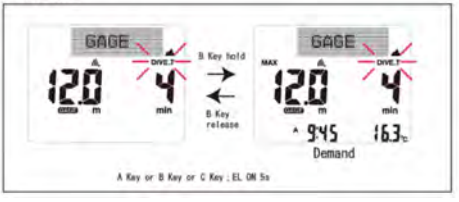
DIVE MODE



■GAGE

1.5s or more

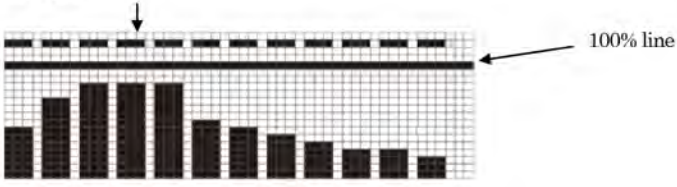
DIVE MODE

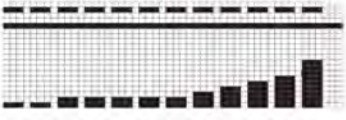
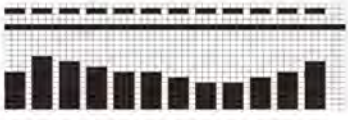
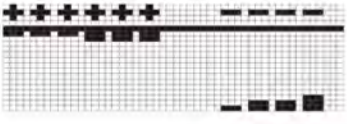
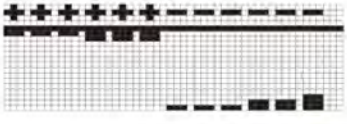
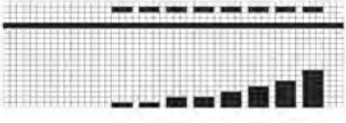


PGT (Pressure Gas in Tissue) graph

The IQ-850 monitors tissue loading and displays each compartment individually along with the saturation levels during a dive and pre/post-dive. A "+" (plus) above a compartment denotes that the tissue compartment is loading, a "-" (minus) denotes off-gassing.

Nitrogen is displayed in each compartment and the state of absorption or exhaust is displayed.



Altitude rank Change	Typical Non-Dive Display	Typical Dive and Post-Dive Display
Altitude rank Low→High		
Altitude rank High		
Altitude rank High → Low		

Residual Nitrogen/Tissue Saturation Display

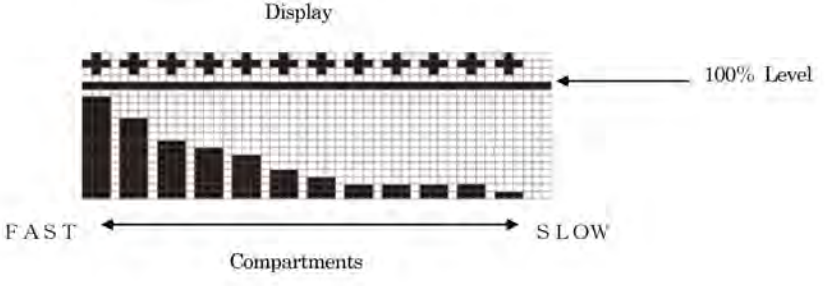
The residual nitrogen and tissue saturaton of the 12 compartments is calculated and displayed in the dot matrix portion of the screen. The IQ-850 records data every minute.

- The graph displays up to 100% and is divided into 16 segments vertically.

- For Display
  The IQ-850 compares data with the last calculation value.
  It is assumed the plus tendency if increasing.
  It is assumed a minus tendency if decreasing.

- If compartment(s) reach 100% level, the IQ-850 will activate DECO mode and recommend appropriate action.

- An increase and a decrease of the residual inside of the body nitrogen are shown by the following display.
  + ; An increase
  − ; A decrease



FO2 MIX change

MIX 1 or MIX 2 can be switched while diving.

- MIX No. & FO2: The value of present MIX No. and FO2 is displayed.
- No-decompression limit: No-decompression limit in set FO2 and PO2 is displayed.
- As for PO2 Max of MIX 1 PO2Max=1.4 and MIX 2 PO2 Max=1.6