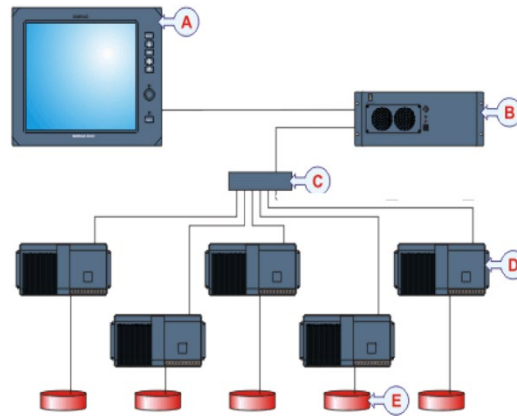


# Simrad EK80 echo sounder

The Simrad EK80 is the most modern split beam scientific echo sounder in the scientific market. Pulses sweeping over a wide frequency band (FM) and the traditional discrete frequencies (CW) are available. Continuous frequency responses improve target identification and discrimination. In r/v Aranda, the EK80 can operate simultaneously frequencies ranging from 38 to 333 kHz.

EK80 is well suited for following underwater applications:

- Assessment of fish biomass and distribution
- Species identification and discrimination
- Plankton research
- Habitat mapping
- Behavioral studies
- Environmental research
- Oil and gas detection



A) Display, B) Processing Unit, C) Ethernet Switch, D) Tranceivers and E) Transducers

