

MODEL 8750 ACOUSTIC DECK SET

The DS-8750 Acoustic Deck Set is designed to be a low cost companion deck unit for the Benthos Acoustic Release Models 875 and 875-PUB. Capable of sending all of the Benthos FSK Commands, the DS-8750 can also be used as a field back up unit for the DS-7000 Acoustic Deck Set.

FEATURES

- Low cost
- Operates over 7-15 kHz range
- Sends all Benthos FSK commands
- Lightweight, self contained unit
- Splash proof construction
- Internal battery operation for small boat operations
- Low output deck speaker for release systems check before deployment



▲ Benthos Model 875 Shallow Water Release



▶ Benthos Model 875-PUB Pop Up Buoy

MODEL DS-8750 ACOUSTIC DECK SET

► SPECIFICATIONS

- Controls:** All set up and control functions are push buttons on the front panel. Frequencies and commands are selected with up/down arrows.
- Receiver Section:** The DS-8750 does not have a receiver module as the Models 875 and 875-PUB do not transmit for range.
- Transmitter Section:** Capable of transmitting commands over a carrier frequency bandwidth of 7-15 kHz in 500 Hz increments.
- Command Section:** 13 FSK commands designated A-M are available for transmission on any of the transmit frequencies (7.0 - 15.0 kHz in 500 Hz increments excluding 12.5 kHz) to provide for 208 unique commands. These FSK commands are compatible with any other Benthos acoustic device.
- Display Section:** A single 2 line by 16 character display is used to show the configuration of the outgoing command as well as other messages.
- Power Requirements:** The DS-8750 operates only on DC. This can be either the internal batteries which will provide a minimum of 6 hours field use or external 12 VDC. The internal batteries are charged via 110-240 VAC but the DS-8750 will not operate on AC power. A venting interlock prevents AC operation while the batteries are charging.
- Transducer:** A lightweight 12 kHz center frequency transducer is provided on 30 feet of cable. The transducer is stored in a waterproof well in the DS-8750.
- Deck Speaker:** A ceramic speaker is provided with a BNC jack. The reduced source output of the speaker is ideal for lab testing or testing on deck prior to deployment.
- Physical Characteristics:** The black plastic molded water proof box is 18.5" long x 14.6" wide x 7.5" deep and weighs 28 pounds including the transducer.
- The manual, deck speaker, and AC charging cord are stored in the top lid.

Please contact Benthos for additional product information, delivery and pricing.



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