

SONOTRONICS

EMT-01-3

Equipment Marker Transmitter



SONOTRONICS

3169 S Chrysler Ave
Tucson, AZ 85713

Email: sales@sonotronics.com
www.sonotronics.com

Updated 8/21/2006

EMT-01-3 Equipment marker transmitter

The EMT series equipment marker transmitters are used worldwide in a variety of applications. They are used for locating AUV's, ROV's, ADCP's, ordinance, and divers to name a few.

Specifications:

EMT-01-3

Length: 201mm

Diameter: 32mm

Weight (in air): 252g

Weight (in water): 90g

Mounting Hole Size: 3/16"

Range: up to 4km

Lifetime: 6 months

Source Level: >147dB ref 1uPascal

Battery: (2) AA 3.6v lithium battery—Tadiran TL5903

General Operation: The EMT-01-3 is very simple to operate. When batteries are inserted properly, the pinger is operating. When the batteries are removed, the pinger is not operating. An optional LED at the end of the pinger tells the user whether the tag is operating or not. It is recommended that before inserting a new battery, the date be written on the battery with a permanent marker, as they are typically taken in and out of the pingers for deployments and it is helpful to know the date the battery was put into service.

Battery:

The EMT-01-3 contains two user replaceable batteries. The battery is to be put in the compartment positive end first, and the spacer needs to be put in with the "+" side first. It does not matter whether the spacer of the battery is put in first. Additional batteries may be purchased from Sonotronics or from a battery specialty retailer.

To replace the battery, insert a screwdriver in the 3/16" mounting hole on the bottom end of the pinger. The bottom end is opposite the water flooded transducer compartment. Gently twist off the cap. Inside there is an inner aluminum cap. To remove this, use a set of small - tipped pliers to grab the wing on the cap, gently turning it counter clockwise until it is free of the threads. You can then remove the old battery and insert a new battery.

Operation LED:

The EMT-01-3 contains an LED which allows the user to know that it is operating properly. The LED can be seen by looking through the port at the transducer end of the pinger, which can be seen in the photo below. The LED will blink once each time the transmitter completes its code. This is approximately 15—25 seconds, depending upon the code of the individual pinger.



The “Pinger Operating LED” can be seen through the port at the end of the pinger.

SONOTRONICS
3169 S Chrysler Ave
Tucson, Az 85713
(520) 746-3322
www.sonotronics.com
sales@sonotronics.com