



3179 Hamner Avenue
Norco, California 92860



Tel (909) 371-7505
Fax (909) 737-8967

MINI TRACKER™

ITEM #AVID1027I

PATENTED MULTI-MODE ID TAG READER

MOST COMPACT & COMPATIBLE

The AVID Mini Tracker is engineered for convenience and performance, providing the user with the ideal solution when portability and cost are important. The AVID Mini Tracker is small enough to carry in your pocket. Its patented Multi-Mode technology enables it to read id tags from different manufacturers. The Mini Tracker can be configured to read any combination of AVID, FECAVA and ISO FDX-B coded radio frequency identification tags.

The ID code is displayed on the Mini Tracker's 16 character LCD or downloaded via an optional RS-232 to a computer.

In the operational mode, the Mini Tracker emits two beep tones to signal an identification tag has been read. When not in use, four beep tones sound every three minutes to warn the user that the unit is still on.

SPECIFICATIONS

- **OPERATING FREQUENCY:**
134.2 kHz
- **TEMPERATURE RANGE:**
Operating- 32° to 122° F (0° to 50° C)
Storage- 4° to 158° F (-20° to 70° C)
- **POWER:**
9-Volt alkaline battery
- **DISPLAY:**
16 Character Liquid Crystal Display
- **INDICATORS:**
Audio beep/Visual LCD
- **TAG COMPATIBILITY:**
ISO FDX-B coded ID tags, produced by multiple manufacturers
- **DIMENSION:**
2.4"W (6cm) x 6.9"L (18cm) x .86"H (2cm)
- **WEIGHT:**
.69 lbs. (345 grams)
- **TYPICAL READ DISTANCE:**
AVID Injectable Chip 2.6" (7cm)
AVID Ear Tag 6.0" (15cm)
AVID Cattle Bolus 12.0" (30cm)
- **OPTIONS AND ACCESSORIES:**
RS232 Interface
- **FCC APPROVED:**
FCC ID: IOL-134-AV1027I



HOW IT WORKS

The Mini Tracker works by transmitting a low-frequency radio signal, which is received by the coil antenna of a compatible ID tag (A). This electromagnetic field powers the radio frequency identification tag. In each ID tag, there is an integrated circuit containing the identification code, which instructs the coil antenna to draw a variable amount of power from the reader. The Mini Tracker's sophisticated electronics measures the amount of power consumed by the tag then decodes these variations to re-construct and display the identification number (B). The entire process takes less than 0.04 seconds.



*Reading distance varies depending upon orientation and size of ID tag.

AVID holds Patent Numbers:

United States: 5,266,926 - 5,559,507 - 5,235,326 - 5,214,409 - 5,257,011 - 5,499,017 - 4,333,072 - 5,484,403 - 5,465,556 - 4,262,632 - 5,963,132 - Des 318,658 - Des 321,069

Australia: 672752 - 673350 - 699484 - 665797 - 703914

Germany: G9218817.6

United Kingdom: 2286948

Other patents pending U.S. and International

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