FR125-III Field Recorder

Product description:

The FR125-III is the latest addition to Binary Acoustic Technologies acoustic monitoring product line. It is a low-power field recorder that is intended for overnight and extended duration monitoring projects.

The FR125-III offers a lower power alternative to a laptop computer and is primarily intended for unattended and extended duration monitoring projects. It includes a embedded microcontroller and two high-speed USB 2.0 connectors which allow it to control and operate an AR125 ultrasonic receiver along with a combination of external USB hard-drives, Compact Flash writers, or USB thumb-drives.

A complete monitoring system can be assembled using a minimum of components. A typical overnight recording system consists of an FR125-III Field Recorder along with an AR125 Ultrasonic Receiver and a single USB thumb or flash drive. Multiple night recording can be accommodated either using multiple flash drives or switching to a larger external hard-drive.

An FR125-III system uses less than a third of the power drawn by a typical laptop system. For example, an overnight system (a FR125, a AR125 and a thumb-drive) requires only 6.5 Watts of power.

The FR125-III runs an embedded version of SPECT'R software. It supports an operation timer, the WAVPACK loss-less compressed file format, sleep mode to conserve battery power, and a remote file transfer mode that will automatic transfer recordings back to a specified FTP site.

FR125-III Front and Rear Views

Specifications:

Interface:
- One (1) RS-232 console connector
- Two (2) USB 2.0 (high-speed) host ports
- One (1) Ethernet connectors
- One (1) Stereo Line-In audio jack
- One (1) Stereo headphone audio jack

Compatible Accessories:
- AR125 Utrasonic Receiver
- AirLink Raven-X cellular modem
- USB Thumb-drives
- USB Compact Flash writer
- USB enabled external hard drives

Power Requirements : +12V @ 5.0W (typ.)

Contact information:

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