

Cardiac Event Recorder With Auto-Trigger Capability

The Arrhythmia Monitoring System *King of Hearts Express[®]+ Recorder*

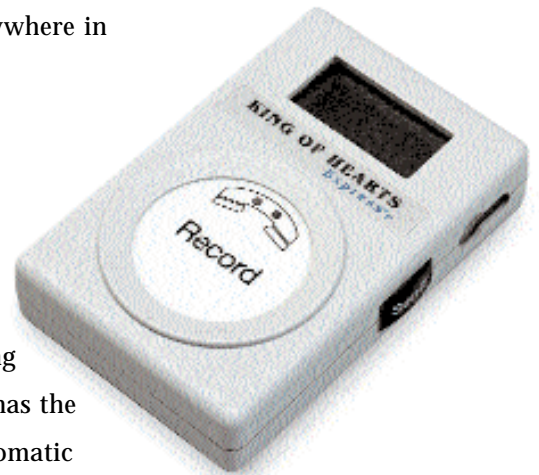
The King of Hearts Express[®]+ Recorder is a sophisticated yet easy-to-use cardiac event recorder. It is designed to increase yield for tough-to-diagnose transient symptoms such as syncope, palpitations, shortness of breath, chest discomfort and dizziness. The King of Hearts Express+ Recorder has 10 minutes of ECG memory and programmable features that allow it to be adapted to every patient's monitoring needs.

- Simple one-button recording for symptomatic events
- Auto-triggers for Bradycardia and Tachycardia
- 10-minutes of programmable pre and post event memory
- Easy two-electrode patient hook-up

Once an ECG is recorded on the King of Hearts Express+ Recorder, it can be transmitted to your office or clinic via telephone from anywhere in the world.

Start Catching Asymptomatic Cardiac Events

Along with being able to record patient-activated events, like traditional event recorders, the King of Hearts Express+ Recorder also has the capability to catch certain asymptomatic events with its unique Tachycardia and Bradycardia auto-triggers. Each trigger is programmable to meet your patient's specific needs.



The Arrhythmia Monitoring System

King of Hearts Express®+ Recorder



Physical Characteristics	Dimensions (Pager Size and Lightweight)	3.375 Length x 2.13 Width x 0.7 Thickness (in) 8.6 Length x 5.4 Width x 1.8 Thickness (cm)
	Weight with Batteries	3.5 oz 100 gm
Electrical Specifications	Bandwidth	0.05 to 40 Hz
	Sampling Rate	218 Hz
	Resolution	Calculated 15.6 μ V
	Heart Rate Range	28 to 255 BPM
	Leads	One Channel producing one lead
Battery	Type	1.5V "AAA" Alkaline (2)
	Life	Continuous use, 7 days typical
Transmission Characteristics (Typical)	Center Frequency	1900 Hz
	Deviation	100 Hz/mV
	Transmission Protocols	1X or accelerated (three times faster than real time)
Memory Characteristics	Memory	600 seconds (10 minutes)
	Memory Hold Time	128 days (internal back-up battery)
Programmable Features	Pre-activation Memory	5 – 600 seconds (single lead)
	Post-activation Memory	0 – 595 seconds (single lead)
	Number of Events	1 – 60
	Bradycardia Trigger	30 – 65 BPM (steps of 5 BPM)
	Tachycardia Trigger	120 – 250 BPM (steps of 10 BPM)
	Brady / Tachy Auto Start	On / Off
	3X Transmission	On / Off
	Heart Rate Display	On / Off
	Speaker	On / Off
	Triggered Event Maximum	0 to 1 less than max. programmed events

Instromedix
A Card Guard® Company

6779 Mesa Ridge Road, Suite 200
San Diego, CA 92121-2996

t 858.777.2200
800.633.3361
f 858.777.2373

www.instromedix.com

Although the algorithms are very sophisticated, there is no guarantee that they will detect arrhythmia(s), nor is there any guarantee that the transition to the arrhythmia(s) will be successfully recorded in all auto-triggered events.

Copyright © 2003 Card Guard® Group of companies. All rights reserved. Card Guard® reserves the right to change specifications at any time without notice. Card Guard, Instromedix, Instromedix logo and King of Hearts Express are trademarks or registered trademarks of Card Guard® Group of companies. All other trademarks belong to their respective owners. No affiliation with these trademarks or their owners is expressed or implied herein.

IMX068