delmar Reynolds

ECG Monitoring Solutions

Event Recording

Flexible recorders for the capture of infrequent arrhythmias

- Flexible Recorders
- Multi Function
- Direct PC Download
- Transtelephonic Transmission

Now with x4 Trans-Telephonic Transmission

A range of CardioCalls are available to satisfy numerous clinical requirements

Which CardioCall is right for you?

The CardioCall family of recorders can also be supplied with x4 transmission speed, enabling trans-telephonic downloads to Del Mar Reynolds receiving station in a quarter of the normal time.

CardioCall^{20} & CardioCall^{20x4}

- Event Mode
- Loop Mode
- 20 Minutes Memory

Event

Length of recording	No. Channels	No. Events
60 sec	Single	20

Loop

Length of recording		No. Events	
Pre-event	Post-event	Single Channel	Dual Channel
1 min	1 min	10	5

CardioCall^{VS20} & CardioCall^{VS20x4}

- Event Mode
- Loop Mode
- Programmable
- 20 Minutes Memory

Event

Length of recording	No. Channels	No. Events
30 sec	Single	40
60 sec	Single	20
30 sec	Dual	20
60 sec	Dual	10

Loop

Length of recording		No. Events	
Pre-event	Post-event	Single Channel	Dual Channel
1 min	1 min	10	5
45 sec	15 sec	20	10
2 min	30 sec	8	4
4 min 30 sec	30 sec	4	2
9 min	1 min	2	1
0 sec	60 sec	20	10

CardioCall^{ST80} & CardioCall^{ST80x4}

Special Mode

Single & Dual Channel Cables				
Patient activated		Timer activated		
Minutes before	Minutes after	Time	Time between recording	Time to fill
2 min	20 sec	20 sec	1 hour	10 days (single) 5 days (dual)

Loop

Length of recording		No. Events	
Pre-event	Post-event	Single Channel	Dual Channel
0	20 sec	255	127
1 min	1 min	42	21
9 min	1 min	8	4
30 min	10 min	2	1
0	60 min	1	N/A
15 min	5 min	4	2
80 min	5 min	1	N/A
10 min	10 min	4	2

- Loop Mode
- Extended 85 minute single channel, 40 minute dual channel memory capacity
- Special mode as required by patient and at automatic time intervals

CardioCall Specifications*

Channels	1 or 2
Size (wxhxd)	56x71x18mm
Weight	88g
Dynamic range	5mV
DC offset rejection	+/- 300mV
Transmission centre frequency	1850Hz
Frequency deviation	100Hz/mV
Battery	1 AA (1.5V) alkaline battery
Battery life	Loop - 5 weeks, Event mode - 6 months
Transmitting modes	FM trans-telephonic OR direct PC download
Frequency response	Loop - 0.05-40Hz Event Recording - 0.5-40Hz
Sampling	800Hz per channel

ECG Monitoring from Del Mar Reynolds Medical

Long term ECG Event Monitoring is widely used for monitoring symptomatic patients over several weeks in order to capture transient or infrequent arrhythmias.

Del Mar Reynolds Medical provide the latest multi-function CardioCall recorders, direct download solutions and x4 trans-telephonic capabilities.

CardioCall ECG Recorders

Compact & discrete

CardioCall recorders are small, unobtrusive and light. Weighing only 88g and measuring only 55mm across , making the patient feel less self-conscious about wearing the device.

All the features you would expect and more

Long battery life:

A single AA battery will last over 6 months when used in direct contact mode and over 5 weeks in loop mode.

Time and Date stamp:

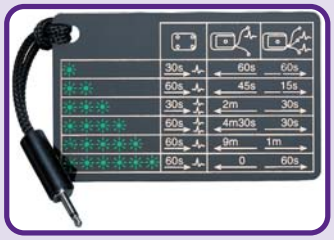
Shows the recording time of every strip. This allows the physician to see from the final report whether the symptomatic arrhythmias were associated with particular activities or spread evenly across the day.

Easy to use:

One button to record, one to transmit, ensures maximum patient compliance

Programmable:

The recording length and number of recordings can be adapted to capture the relevant ECG. The length of time recorded before and after each event can be re-configured using a programming key.



Two Recorders in One!

The CardioCall has two different modes of recording

1 Event Mode:

When the patient has a symptom, they place the electrode feet on the back of the recorder, directly onto their chest and press a button. The ECG is then recorded for a pre-programmed duration.

2 Loop Mode:

The CardioCall is attached to the patient by electrodes. When the patient senses a symptom they capture the ECG by pressing the event button.

The recorder then stores the episode that includes ECG data that preceded, and followed the patient pressing the event button.