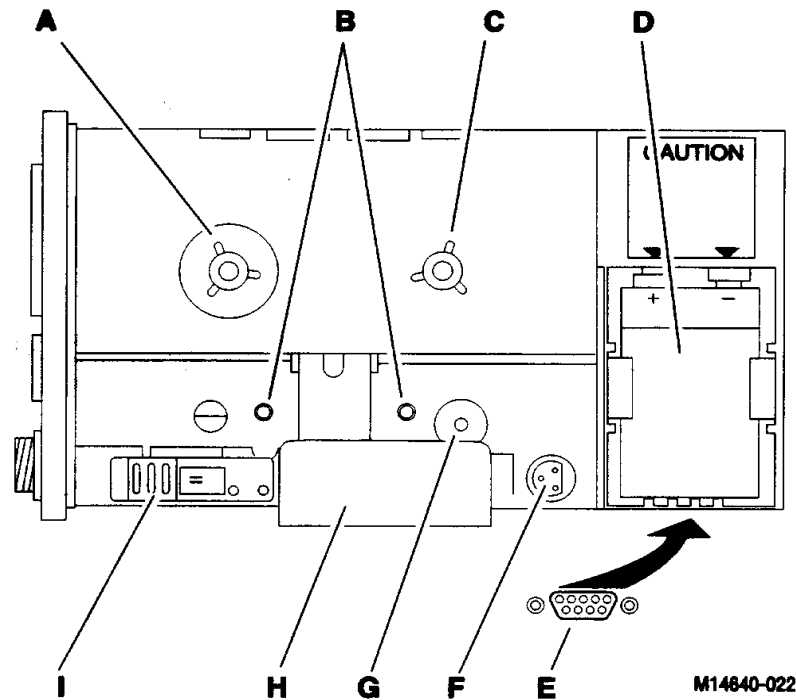


The Marquette Series 8500 Holter Recorder

The Marquette Series 8500 Holter Recorder is designed to record 2 or 3 channels of continuous ECG data for up to 48 hours on a single cassette. In addition, a digital timing track is simultaneously recorded on a separate channel that can be electronically marked by the patient to identify symptomatic events or activities.

Removing the metal case

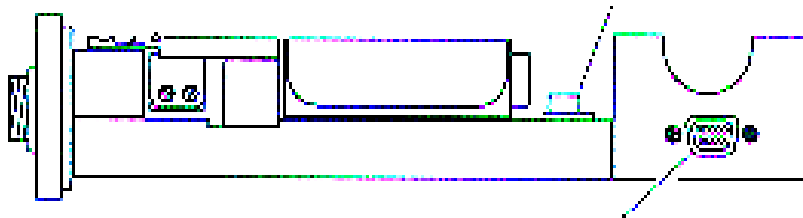
Remove the metal case from the recorder by holding the top (end with shoulder) of the recorder in one hand and sliding the metal case off with the other hand. *Do not hold or pull on the patient cable.*



Note

Only version 2 recorders include the signal test connector for a 900248-001 test cable.

Case removed, side view



Battery Installation

The recorder takes a standard 9-volt alkaline battery (preferably a high quality, brand-name battery).

NOTE

A new battery must be used for each recording or important ECG data may be lost.

Insert the battery into the battery compartment with the positive(+) and the negative (-) terminals aligned according to the diagram inside the battery compartment. Make sure the battery terminals make contact with the recorder terminals.

The battery must fit securely in the battery compartment. It must extend from the battery terminals to the bottom of the compartment. There must be no space between the bottom of the battery and the bottom of the compartment. A loose-fitting battery can slip away from the battery contacts, causing an interruption in the ECG recording.

Turning the Recorder On and Off

The activity of the recorder is controlled by the position of the recording head assembly.

Recording head assembly IN

When the recording head assembly is in the **IN** position (flush with the side of the recorder), the power to the recorder is on and the recorder will generate calibration pulses and record ECG data. With the recording head assembly in the **IN** position, you should see the take-up hub or the tape reels turning slowly and hear the sound of the recorder motor(which is very quiet but audible.)

To move the recording head assembly to the **IN** position, push in gently until the assembly locks into place.

Recording head assembly OUT

When the recording head assembly is in the **OUT** position (beyond the side of the recorder body), the power to the recorder is off and it will not operate. The recording head assembly must be in the **OUT** position to insert or remove a tape cassette.

To move the recording head assembly to the **OUT** position, slide the cassette release to the left.

Inserting a Tape Cassette

The recorder uses a standard 60-minute cassette to record 24 hours of data and a 120-minute cassette to record 48 hours of data.

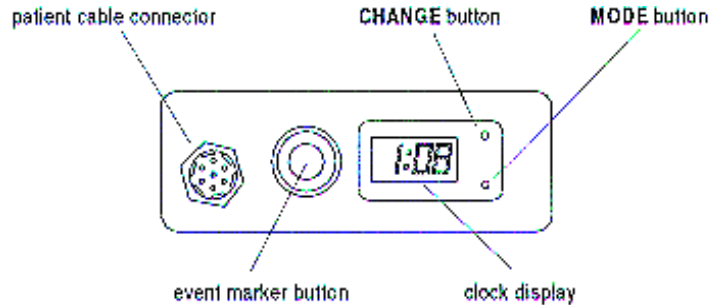
- Remove the metal case from the recorder.
- Slide the cassette release to the left. The recording head assembly will move to the **OUT** position.
- Place the tape in the recorder with the full reel on the supply(left)hub. Insert the cassette into the recorder by placing the top edge of the cassette in first under the retaining guides and

then carefully easing the cassette down over the supply and take-up hubs and the cassette locator pins.

Setting the Clock

A clock is provided for the patient to make time entries in the patient's diary. It is separate from the internal clock used for the timing track during the data acquisition. Before each use, you should verify that the date and time shown on the clock are accurate. If they are not, you should reset the clock to make sure that the patient has the correct time available for maintaining an accurate diary.

The clock mounted on the recorder



To set the clock

Press the **CHANGE** button twice, using a narrow, blunt object. The number for the month will appear.

To set the month

- Press the **MODE** button until the number for the correct month is shown.

To set the day

- Press the **MODE** button. The number for the day will appear.
- Press the **CHANGE** button until the number for the correct day is shown.

To set the hour

- Press the **MODE** button. The number for the hour will appear (with an A for the hours before noon or a P for the hours after noon).
- Press the **CHANGE** button until the number for the correct hour is shown.

To set the minutes

- Press the **MODE** button. The number for the minutes will appear.
- Press the **CHANGE** button until the number for the correct minutes is shown.

To display the time

- After you have finished setting the clock, press the **MODE** button, The time will appear as (hour):(minute) and the : should flash to indicate the clock is operating.

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