MULTIVIEW WORKSTATION

with

INFINITY Telemetry System

User's Guide

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MULTIVIEW WORKSTATION
with INFINITY™ Telemetry Option
User's Guide
Software VE1

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This software bears the CE label in accordance with the provisions of the Directive 93/42/EEC of 14 June 1993 concerning medical devices (this label is not applicable for US devices).

CE 0123

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All Siemens devices are intended for use by qualified and trained medical personnel only.

Before using all Siemens devices, read all the manuals that are provided with your device carefully. Patient monitoring equipment, however sophisticated, should never be used as a substitute for the human care, attention, and critical judgment that only trained health care professionals can provide.

WARNING: The use of non-Siemens approved software on the CPU of the MULTIVIEW WORKSTATION is strictly forbidden.

CAUTION: *The* MULTIVIEW WORKSTATION *and the* INFINITY *receiver are not intended for use in the patient vicinity.*

WARNING: Diagnosis based on interpretation of 12-lead monitoring results should only be done by qualified personnel. Prior to final interpretation and diagnosis, qualified physicians should review suggested diagnostic statements and all other available information.

CAUTION: *Federal Law in the United States restricts these devices to sale by, or on order of a physician.*

WARNING: The connection of non-Siemens approved equipment to the INFINITY™ network is strictly forbidden.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Overview of Contents

MULTIVIEW WORKSTATION - Basic Version

This chapter describes the scaled-down version of the MULTIVIEW WORKSTATION.

MULTIVIEW WORKSTATION - Enhanced Version

This section contains all of the following chapters.

Chapter 1 - About the MULTIVIEW WORKSTATION

This chapter introduces the INFINITY NETWORK™ and the MULTIVIEW WORKSTATION™.

Chapter 2 - About the Transmitter

This chapter describes the transmitter and how to customize it according to an individual patient's needs.

Chapter 3 - MULTIVIEW WORKSTATION Setup

This chapter explains how to configure the monitoring characteristics of the MULTIVIEW WORKSTATION and the available CLUSTERVIEW layouts.

About the Transmitter

This chapter describes the transmitter used to monitor telemetry patients. It also describes how to customize the transmitter according to an individual patient's needs. The table at the end of the chapter contains various transmitter messages that may appear during monitoring. These messages provide helpful hints in eliminating certain operational errors.

WARNING: Under NO circumstances should the transmitter be used without the battery cover securely in place.

eral Description

The transmitter is worn by the patient and can be used either with a 3-lead or a 5-lead cable, which is attached to the ECG electrodes.

The lead cables detect the patient's ECG, including paced beats. The transmitter broadcasts these signals to the dedicated MULTI-VIEW WORKSTATION for display.

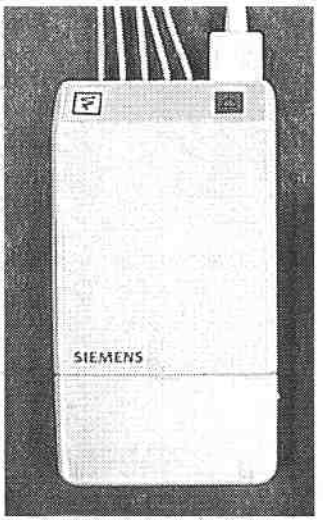
> ***CAUTION:*** *Because the lead cables also function as antennas, do not roll or loop them together. Instead, tape each lead separately to the patient.*

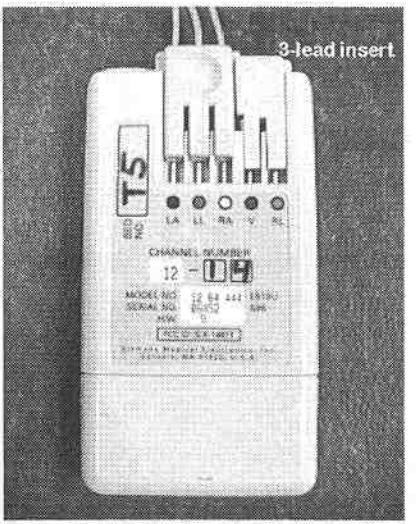
The transmitter sends the following information to the MULTI-VIEW WORKSTATION:

- ECG data from leads I, II, and V (with pacer pulses detected on leads I and II)
- push button activities for recording and staff alert requests and for issuing a 1 mV calibration pulse
- transmitter ID
- current transmitter software
- battery voltage

ansmitter Components

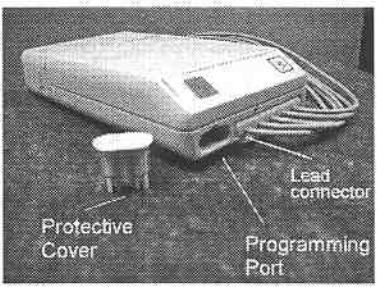
The following illustrations show the transmitter's various components.





ad Connector

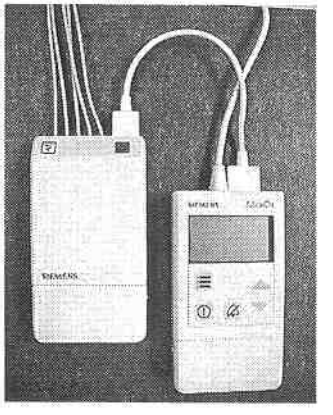
The lead connector accepts either a 3-lead or a 5-lead set. If you use a 3-lead set, use the protective cover to protect the other two exposed pins of the transmitter's programming port.



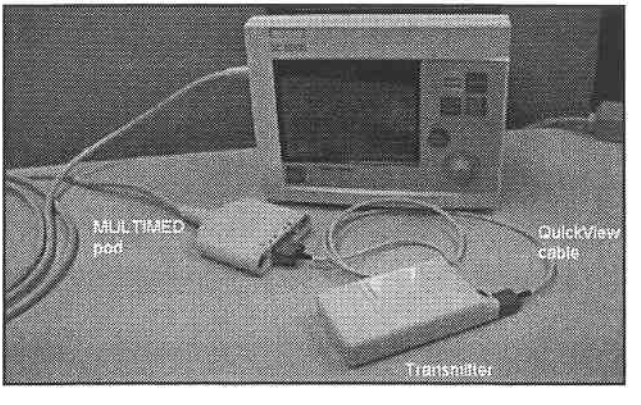
ıce Connector / Programming Port

The transmitter is equipped with a special interface connector that can be used for the following purposes:

- ***connecting a*** MICRO2 ***oximeter*** - allows you to monitor a patient's SpO_2 and pulse rate. Please refer to chapter 9, *MicrO2 Monitoring* for detailed information.



- ***connecting a QUICK-VIEW cable*** - allows you to view a patient's ECG waveform (lead II) and possible pacer spikes. The cable attaches to the transmitter's programming port and bedside monitor.



NOTE: To ensure the best possible ECG signal, you should only use the MultiView cable when the transmitter is in 5-lead mode.

- ***programming the transmitter*** (see page 2-13, *Programming the Transmitter).*