

# MAC 1200

## QUICK GUIDE

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### BATTERY

- To charge the battery, connect the power cable to the unit. When the machine is charging the green standby light will be illuminated.
- Battery Indicator will light up when battery is low.
- BMS recommends that the battery be charged every night for 4 hours

### PAPER

- MAC 1200 will not acquire an ECG unless there is paper in the machine

### MEMORY CAPACITY

- MAC 1200 can store approximately 40 ECGs before they need to be transmitted.
- BMS recommends that sites transmit every day

### ENTERING A NUMBER FOR AN OUTSIDE LINE

- Press the **On/Standby** key to turn the power on
- Press the **Setup** key
- Use the **Down Arrow** to move the cursor to Communication, press the **Enter (↵)** key
- Use the **Down Arrow** to move the cursor to Outside Line
- Enter the number as needed, i.e. 8 or 9. Hold down the **Shift** key and press the letter V to enter the comma (,) after the 8 or 9
- Press the **Enter (↵)** key
- Press the **Start/Stop** key twice to exit the setup menu

### CHANGING THE TIME FOR DAYLIGHT SAVING

- Press the **On/Standby** key to turn the power on
- Press the **Setup** key
- Use the **Down Arrow** to move the cursor to System Setup, press the **Enter (↵)** key
- Use the **Down Arrow** to move the cursor to Time
- Enter the time using a 24-Hour clock (i.e. 2:00 PM = 14:00). Hold down the **Shift** key and press the letter X to enter the colon (:).
- Press the **Enter (↵)** key
- Press the **Start/Stop** key twice to exit the setup menu

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### PATIENT DATA ENTRY INSTRUCTIONS

- Press the (blue) **ON / STANDBY** key to power up.
- From the main menu, press the (blue) **PAT INFO** key to enter patient data.
- Using the arrow keys select New Patient YES, then Press **ENTER key (↵)**.
- Enter all patients demographic and study information as indicated in the procedure manual.
- Press the **ENTER key (↵)** to bypass any unnecessary fields.
- To access numbers on the keyboard, press and hold the **Shift key** while typing.
- When data entry is complete, press the **START/STOP key** to return to the main menu.

### RECORDING AN ECG








- Attach the electrodes to the patient after five minutes of rest in the supine position.
- Enter patient data (see section above).
- Press the **down arrow key** or **LEAD button** to check the quality.
- Press the **START/STOP key**. The screen will indicate “**Collecting Data**”, “**Analyzing ECG**”, “**Printing Results**”. At this point the ECG will be printed.
- Then the screen will indicate “**Storage Program, Saving Data, # of ECGs Stored**” after storing the ECG in the memory. **DO NOT** press any keys until this message is displayed.

### TRANSMITTING AN ECG

- Connect the **ANALOG** (single line) fax line to the modem. Connect the modem to the MAC 1200 using the gray cable. The port for the modem is located on the upper right hand side of the MAC 1200. The 2 red lights will be illuminated in front of the modem.
- Press and hold the **Shift key** and press the **STORE and RETRIEVE** key at the same time.
- This will take you to the stored data. The first line indicates **ALL stored ECGs**, use the **right arrow key** to move the cursor to **SEND**.
- Press the **ENTER key (↵)**, the screen will display the telephone number to the Biomedical Systems receiving station.
- Press the **ENTER key (↵)** to start the transmission.
- Screen indicates “**Initializing Modem,**” then indicates “**ECG Transmitting CSI #**”, (number of ECGs being sent). Finally screen indicates the number of **Procedure(s) Transferred**.
- Press the **ENTER key** to return to the main menu.

**Note:** Some Versions of MAC 1200 have the additional option to print a log of all transmitted ECGs.

# MAC 1200 QUICK GUIDE

<b>MAC 1200 TROUBLESHOOTING GUIDE</b>		
<b>Message</b>	<b>Problem</b>	<b>Solution</b>
 <b>Machine is beeping</b>	Batteries need to be charged or machine has reached capacity on the number of ECGs that it can store.	Transmit all stored ECGs or charge the machine battery.
 <b>No carrier signal</b>	Site needs to use an analog line (fax line) or they may need an extra number(s) when dialing an outgoing call (i.e. 9).	See Instructions for Entering # for an Outside Line
 <b>No Dial Tone</b>	Site needs to use an analog line (fax line) or they may need an extra number(s) when dialing an outgoing call (i.e. 9).	See instructions for Entering # for an Outside Line
 <b>Busy Signal</b>	Need to dial an extra number(s) to reach an outside line	See instructions for Entering # for an Outside Line
 <b>Bad Modem Configuration</b>	Modem is not connected properly	Unplug modem and reattach.
 <b>Only half of the ECG is printing on the paper</b>	Paper door is not shut all the way	Open door and shut the door.
 <b>Data Collection Interrupted</b>	Holding the Start/Stop key when acquiring an ECG	Do not hold the start/stop during ECG acquisition, just press and release the button.

