



WINNER SERIES

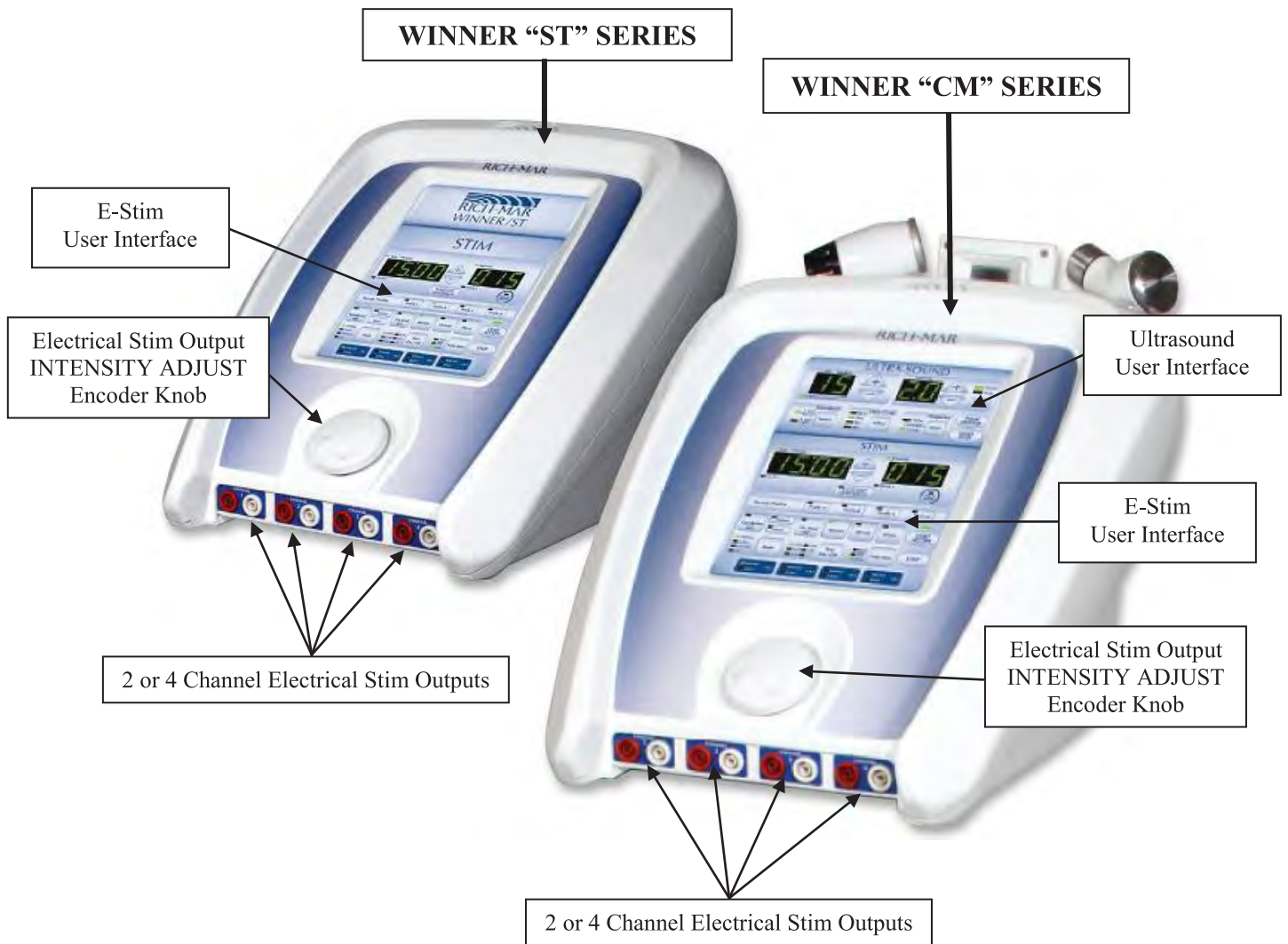
QUICK REFERENCE



Rich-Mar

WINNER FAMILY SERIES

FRONT VIEW



Rich-Mar

WINNER FAMILY SERIES

REAR VIEW



- 1 = Ultrasound Applicator Cradle
- 2 = Laser/Light Module (optional)
- 3 = Laser Module Power Key Switch
- 4 = Laser/CLD Ports
- 5 = Ultrasound Applicator Plug

- 6 = Combo Mode Stim Lead Jack
- 7 = Unit Power Module with ON/OFF Switch
- 8 = Electrical Stim Lead Cord Test Jacks
- 9 = Cooling Fan

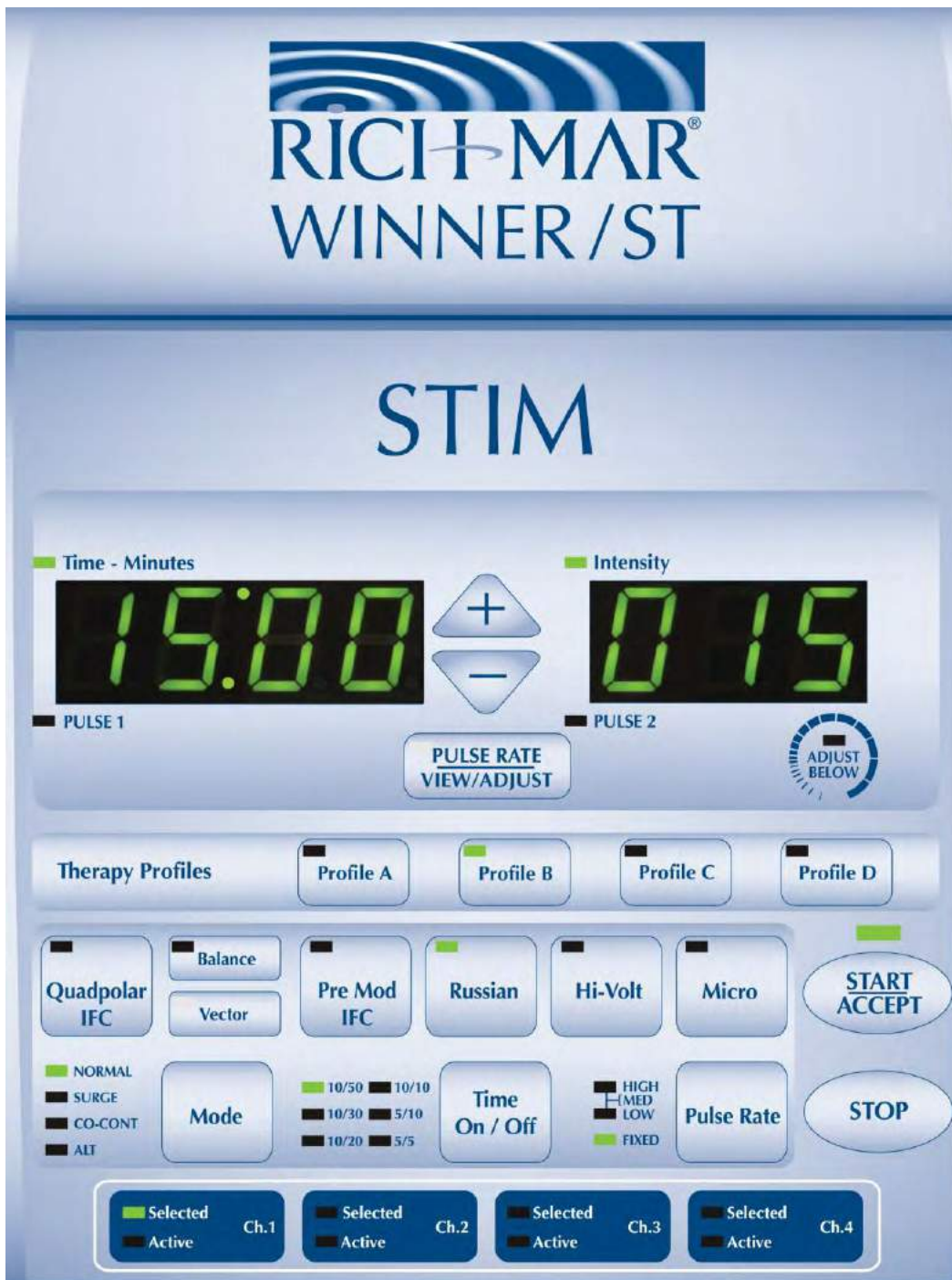
WINNER CM SERIES

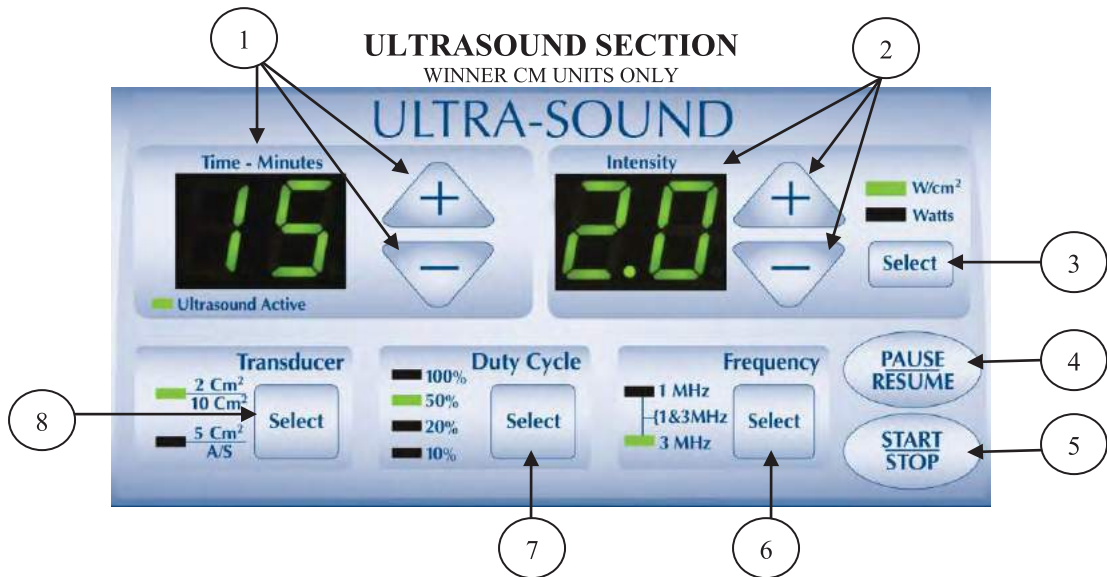
User Interface Panel



WINNER ST SERIES

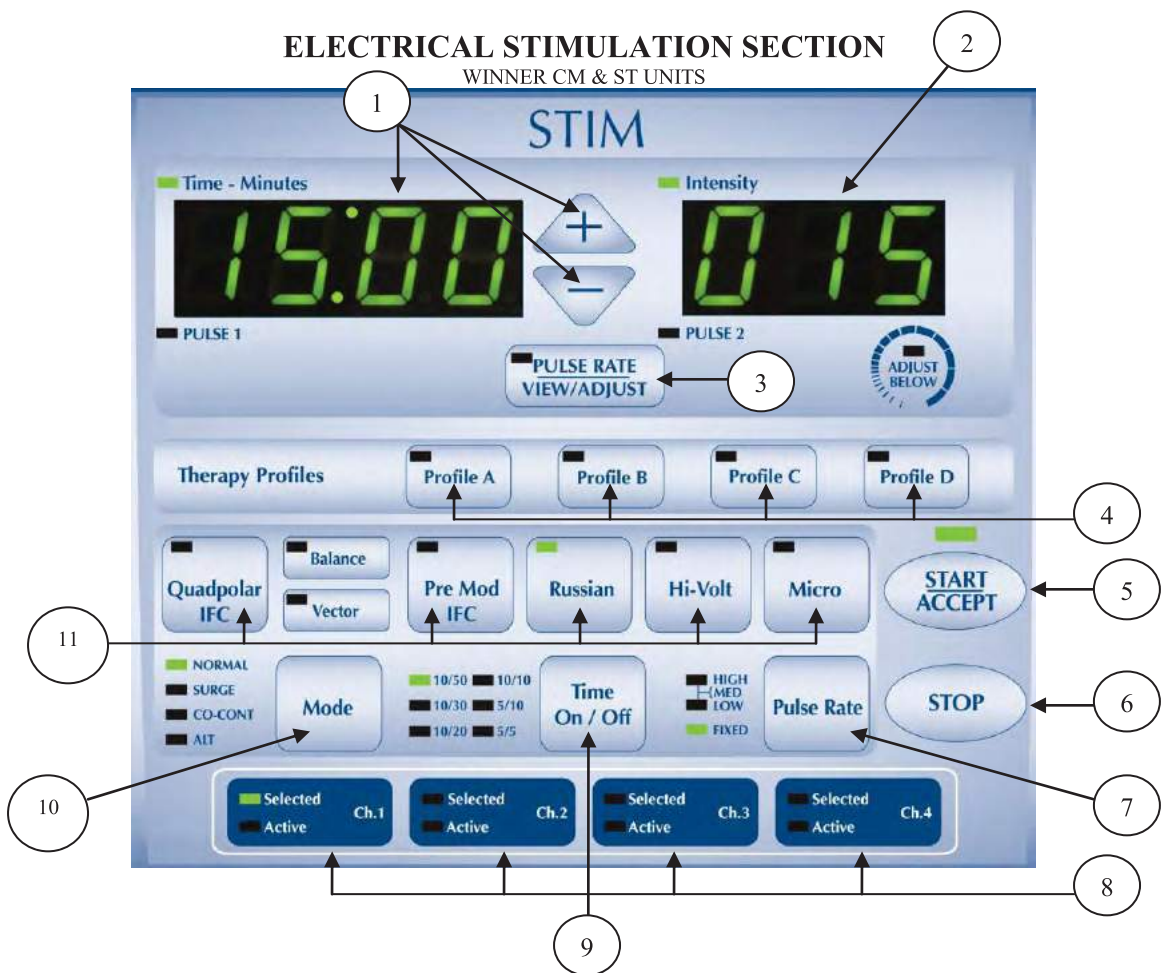
User Interface Panel





- 1 = "Time-Minutes" Adjust Keys and Display
- 2 = Ultrasound "Intensity" Adjust Keys and Display
- 3 = "W/cm²" or "Watts" Displayed Select Key
- 4 = Ultrasound "Pause/Resume" Key

- 5 = Ultrasound "Start/Stop" Select Key
- 6 = Ultrasound "Frequency" Select Key
- 7 = Ultrasound "Duty Cycle" Select Key
- 8 = Applicator "Transducer" Select Key



- 1 = "Time-Minutes" Adjust Keys and Display
- 2 = "Intensity" Display (Intensity adjusted by Encoder)
- 3 = "Pulse Rate/View Adjust" Key
- 4 = "Therapy Profile" Keys
- 5 = "Start/Accept" Key
- 6 = "Stop" Key

- 7 = "Pulse Rate" Select Key
- 8 = "Channel" Select Keys
- 9 = "Time On/Off" Select Key
- 10 = "Mode" Select Key
- 11 = "Stim Output Modality" Select Keys

Introduction

The Winner units are products that resulted from dedication to research and development. The Winner units offer the most flexible treatment possibilities in a convenient, easy-to-use package. This manual is meant to familiarize the user with the controls, operations, waveforms and ultrasound therapies available in the Winner units. The simple control of the unit allows the user to master the unit's vast capabilities more quickly and easily.

User Interface

The Winner units use a straight forward control panel with each waveform therapy and parameter clearly labeled. Each button requires only light pressure to be activated. You should also hear an audible beep each time a button is pressed. LED lights illuminate indicating the availability and/or selection of particular parameters. The large and bright LED numerical displays show treatment time, intensity and pulse rates.

Power Switch

This power switch turns the unit on and off and is located on the rear side of the unit. "I" represents the on position and "O" represents the off position.

Winner Operation Overview

The Winner Series offers a variety of different devices to fit your therapy needs:

The CM4 models are four-channel, multi-therapy stimulation-ultrasound combination units. The Winner CM2 models are the two channel combination version.

The ST4 is a four-channel multi-waveform stimulator, and the ST2 is a two-channel version.

The Winner units will output any one of the following waveforms:

- Quadpolar IFC (Classic Interferential)
- Pre-mod IFC (Bipolar Interferential)
- Russian
- Hi-Volt
- Microcurrent

Depending upon the waveform in use, any one of the following treatment modes can also be used:

- Normal output
- Surge output
- Co-Contraction output
- Alternating channel output

NOTE: For more information on outputs, see the "Waveforms" section.

The Winner CM4 and CM2 can also provide 1MHz and 3MHz ultrasound frequencies.

Note: For more information, see the "Ultrasound" section.

Electrical Stimulation

Once the device is turned on, you will notice that the green LED lights in the Waveforms (Quadpolar IFC, Pre-Mod IFC, Russian, HiVolt and Micro) and the Therapy Profiles are blinking. This is to indicate that the unit is on and ready for treatment. It is also a quick reference to determine if the device is in the Easy Therapy Profile mode or Advanced Therapy Profile mode (see Therapy Profile section for more information).

* If no treatments are running and no buttons are pressed the device will go into a "sleep mode" where the LEDs will not blink on the stimulator side. Simply press any button to re-activate the stimulator.

To Start a Stim Treatment

Press the button of the desired Waveform or Therapy Profile. Once you do this you will notice that the device has selected the first available channel(s). For example, if you turn on the device and press the Pre-Mod IFC button, the green LED next to Selected in the Ch. 1 button will illuminate. This indicates that the treatment will output from Ch. 1 and you should use that lead cord to apply the electrodes, or you can now select the CHANNEL you want to use by first pressing that channel's button.

You will then notice that the Waveform/Profile LEDs are blinking. You then select the waveform or profile you would like to use by pressing its button.

However you have selected to begin your treatment (either picking the waveform first or the channel button first) you will then notice that certain LEDs have been illuminated indicating that they are currently selected. Using the example above of Pre-Mod IFC, the LEDs are lit next to Normal, a High pulse Rate and 15:00 minutes of treatment time. You can change any of these parameters by pressing the appropriate button(s) noticing that the LED lights change too. Once the desired parameters are displayed, the Winner devices will prompt you to set Intensity by flashing the Adjust LED light underneath the Intensity dial. As you set the desired intensity level, you will notice that the green Active light is illuminated in the Ch. 1 button to indicate that current is being output. Once the desired intensity level has been set press the Start/Accept button and the time begins counting down.

NOTE: When using Quadpolar IFC one of the channel pair's Selected light will blink. If you balance the treatment then the intensity display will be different between the two channels. Whichever channel's Selected light is constantly illuminated will display its intensity level.

Running Concurrent Stim Treatments

The Winner units have either four independent stimulation channels (CM4 and ST4 models) or two independent stimulation channels (CM2 and ST2 models). This allows you to treat four or two different sites or patients at the same time with completely different treatment parameters. To start a concurrent stim treatment press the desired waveform or Therapy Profile or channel for the second treatment. If you pressed the Waveform or Profile button the green Selected LED light in the Ch. 2 button should now be illuminated. If you pressed a channel button than that channel's Selected LED should be illuminated.

You will also notice that the green Selected LED light on Ch. 1 went out but its green Active LED light is still illuminated. This means that there is a treatment currently on Ch. 1 but its parameters are not selected for display. If you pressed the waveform or Profile button the treatment parameters on Ch.2 are now displayed. If you pressed a channel button you now need to select the waveform or Profile you want to use and its parameters will be displayed. Any adjustments can now be made to the parameters for this second treatment. Then, set Intensity and press the Start/Accept button to begin the treatment time countdown. NOTE: If the Quadpolar IFC therapy waveform is selected, it requires both channels one and two or channels three and four and will subsequently set the same intensity level on both channels. Once the intensity levels are set in Quadpolar IFC and the Start/Accept button has been pressed, you have the option of Balancing the output by pressing the Balance button. When pressed, the green LED light on the Balance button will illuminate and the green Adjust LED light will illuminate under the intensity dial. Use the dial to balance the patient's sensation. You will see only the selected channel's intensity level increase or decrease, but understand that as it increases, the other Quad IFC channel's intensity decreases proportionately. Once the balance has been completed, press the Start/Accept button.

To View Stimulation Treatment

If you are running two or more concurrent stim treatments, you will only see one treatment's parameters at a time. Press the desired channel button to illuminate its Selected LED light. You will then see all the parameters for that particular channel's treatment. Whichever channel button you press will activate the Selected LED and display that treatment's parameters.

To Stop a Stimulation Treatment

If you only want to stop a single treatment without affecting the other treatments, press and hold the desired channel button and the stimulation Stop button at the same time.

NOTE: If you just press the stimulation's Stop button it WILL STOP ALL STIM TREATMENTS.

Waveform Parameter Options

Waveform choices include Quadpolar IFC, Pre-Mod IFC, Russian, Hi-Volt (Monophasic), and Microcurrent.

Quadpolar IFC will only output classic Interferential current in a Normal mode and it requires both Ch.1 and Ch. 2 or Ch. 3 and Ch. 4 (if applicable). The Balance button allows for better patient sensation balance if that button is selected - as you increase or decrease intensity on the selected channel it will do the opposite on the other channel in the pair. Quadpolar IFC also allows you to turn an amplitude modulating Vector on or off. The Vector provides a soothing massage effect and also helps to lessen patient accommodation. The Pulse Rate available is either the High, Low or a Hi-Lo combination.

Pre-Mod IFC will output pre-modulated, two-pad Interferential current in any of the desired Modes (Normal, Surge, Co-Cont and Alternating). The Vector can be turned on or off in the Normal mode. The Pulse Rates available in the Normal mode are High, Low, and Hi-Lo scan. If the Surge, Co-Contraction, or Alternating mode is selected, only the Fixed Pulse Rate is available. Any of the six On/Off timing options are available in the Surge or CoCont modes. In the Alternating mode the 10/10 or the 5/5 timing cycles are available.

Russian and Hi-Volt- Both waveforms are available in any of the Modes (Normal, Surge, Co-Cont, and Alternating). The Fixed Pulse Rate is only available for Russian.

* The Hi-Volt Pulse Rates available in the Normal mode are High, Low, and Hi-Lo scan. If the Surge, Co-Contraction, or Alternating mode is selected, only the Fixed Pulse Rate is available. Any of the six On/Off timing options are available in the Surge or Co-Cont modes. In the Alternating mode, the 10/10 or the 5/5 timing cycles are available.

NOTE: The Hi-Volt in the Winner is a non-dispersive style. This means that for each channel, one of the electrodes is positive and the other is negative. When using the Hi-Volt waveform, the *red pin is positive* and the *white pin is negative*.

Microcurrent will only output in a Normal mode and its Pulse Rate is only available as a Fixed output.

Stimulation Modes

Depending upon the waveform selected, the user can choose from Normal, Surge, Co-Contract and Alternating modes.

Normal Mode is basic continuous, un-interrupted output of the selected waveform.

Surge Mode is a single channel of output that is interrupted in an "on/off" method of a certain time, in seconds, of output followed by a certain time, in seconds, of no output. For example, if Surge mode is selected and the "10/20" option is selected, this means that for 10 seconds there will be output to the set intensity level followed by 20 seconds of zero output. The cycle continues until treatment time expires.

* NOTE: There is a built-in ramp up time of three seconds in the "on" time and a ramp down of one second in the "off" time.

Co-Contraction Mode is the same as the Surge mode except that it will concurrently run two channels, either 1 and 2 or 3 and 4, to the same "on" and "off" time. Independent intensity levels can be set.

Alternating Channel Mode will alternately turn one channel "on" and then a second channel "on" as soon as the first channel goes into the "off" time. For example, in an Alt mode both Ch. 1 and Ch. 2 will be used. If the "10/10" option is selected in the Time On/Off then, after intensity levels have been set for each channel and treatment started, Ch. 1 will be "on" for 10 seconds. Once Ch.1 goes "off", Ch. 2 will be "on" for 10 seconds. This alternating will continue until treatment time expires.

To Adjust Stimulation Intensity during Treatment

Intensity can be adjusted during treatment, even during the off cycle in Surge or Alternating modes, simply by pressing the desired Channel button.

Normal mode intensity adjustment- When in Normal Mode, you will notice that the light in the Start/Accept button is flashing. Once the level is adjusted, press Start/Accept and the user will be prompted to do the same for channel two, if applicable.

Timing Mode Intensity Adjustment- Surge, Co-Cont & Alt Surge Mode Intensity Adjustment

In the Surge mode, press the Channel button and you will notice that the Start button is blinking. Press the Start button to access a change in intensity as a safety feature. You will then notice that the time has stopped counting down and the channel's Active LED is illuminated. Make your intensity adjustment and press the Start button when finished. The timing cycle will now start over. This process is done as a safety feature so that you cannot increase intensity during the "off" cycle.

Co-Contract or Alternating Modes Intensity Adjustment

These modes use two channels so you need to press the button for the Channel that you want to adjust. Once you do this, notice that the Start button is blinking. You cannot change the intensity until you press the Start button. Press the Start button and the treatment's other channel Active LED goes out, the selected channel's Active LED illuminates, and the Timer stops counting down. Make your intensity adjustment and press the Start button when finished. The timing cycle will now start over. This process is done as a safety feature so that you cannot increase intensity during the "off" cycle.

Stimulation Pulse Rates

Depending upon the waveform selected, the user can use either a Scan (High, Low or Hi-Lo) or a Fixed pulse rate. Once the type of pulse rate has been selected (High, Low, Hi-Lo or Fixed), press the Pulse Rate View/Adjust button. If a Scan is selected, the low end of the Scan will be displayed in the Stim Time display but note that the Pulse 1 light is illuminated. The high end of the Scan will be displayed in the Stim Intensity display but note that the Pulse 2 light is illuminated now. At this point you can make adjustments to either end of the Scan by using the up/down arrows for Pulse 1 and the dial for Pulse 2. Once the Pulse Rate has been selected press the Start/Accept button.

The High Scan and Low Scan will make a complete cycle through the selected pulse rate range in 30 seconds. For example, if a 100-120 scan is selected it will start at 100 Hz and scan up to 120 Hz and back down to 100 Hz every 30 seconds.

The High-Low Scan pulse rate mode will split the treatment time in half with the first half using the High pulse rate scan and the second half using the Low pulse rate scan.

To set up a Hi-Lo pulse rate scan set the High scan and then the Low scan and select the Hi-Lo Pulse Rate. Follow these steps:

- Press the Pulse Rate button and select High pulse rate.
- Press the Pulse Rate View Adjust button and set the desired High scan.
- Press the Pulse Rate View button again.
- Press the Pulse Rate Mode button to select the Low pulse rate.
- Press the Pulse Rate View Adjust button and set the desired Low scan.
- Press the Pulse Rate View button again.
- Now press the Pulse Rate Mode button until the High-Low is selected (both LEDs will be lit for High and Low).
- Set time and intensity and begin treatment.

* The LED of the pulse rate that is currently running in the High-Low scan will be constantly lit and while the other scan's LED will be blinking.

Example: You start a treatment in the High-Low Scan and the High LED is constant and the Low LED is blinking. This indicates that the High scan is currently outputting. You can verify this by pressing the Pulse Rate View Adjust.

Fixed Pulse Rate

If Fixed pulse rate is selected and the Pulse Rate View/Adjust button has been pressed, the pulse rate is displayed in the Stim Time display and the Pulse 1 light is illuminated. Make adjustments to the fixed pulse rate by using the up/down arrows or the dial. After selecting Pulse Rate press the Pulse Rate View/ Adjust button.

Stimulation Treatment Time

Treatment time for the Winner stimulation is adjustable from 199 minutes. You can adjust treatment time in one minute increments at any time by pressing the increase or decrease buttons below the treatment time during the displayed treatment.

Setting Waveform Defaults and Therapy Profiles

Waveform Defaults-

To set particular parameters so that they are defaults for a Waveform button, select the Waveform and set all the parameters as desired: Treatment time, Mode, Time On/ Off (if applicable) and Pulse Rate. Once all parameters are selected, set the Intensity and PRESS AND HOLD THE START/ ACCEPT BUTTON UNTIL YOU HEAR TWO CLICKS AND A LONG TRILL. When this occurs, it has stored those displayed parameters as the default for that waveform. Repeat this process for each waveform.

For example, if you wanted to change the Pre-Mod defaults to a Surge treatment:

- Press the PreMod IFC button,
- Select the Surge Mode,
- Select the 10/10 Timing Cycle.
- Press the Pulse Rate View Adjust and set a 65 Hz pulse rate and press the Pulse Rate View Adjust again
- Set the Treatment Time for 8 minutes.
- Turn the dial to set the intensity and PRESS AND HOLD THE START BUTTON UNTIL YOU HEAR TWO CLICKS AND A LONG TRILL.

Now, whenever you press the PreMod IFC button, it will come up with the above treatment.

Therapy Profiles –

The Winner devices will allow you to use either the Easy Therapy Profile mode or the Advanced Therapy Profile mode. The Easy Therapy Profile mode allows you to set a total of four different therapies so you can start a treatment with one touch. The Advanced Therapy Profile mode will allow you to have *four different profiles for each waveform*, giving you a total of 20 Therapy Profiles. If the device is in the Easy Therapy Profile mode, the Profile LEDs will blink along with the waveform LEDs when the device is first powered on.

If the device is in the Advanced Therapy Profile mode, *the Profile LEDs will not blink* when the device is first turned on. To switch from one Therapy Profile mode to another, turn the device off, press and hold any of the Therapy Profiles, and turn the device on. You should hear a series of beeps and notice that the Profile LEDs are now in the opposite mode.

Easy Therapy Profile Mode Set-Up

To set a Profile in the Easy mode, press the desired Profile button (A, B, C, or D) TWICE. Then, select the desired waveform and all its parameters. Set the intensity and PRESS AND HOLD THE START/ACCEPT BUTTON UNTIL YOU HEAR TWO CLICKS AND A LONG TRILL. This indicates that the treatment is stored under that Therapy Profile and can be accessed by pressing that Profile button. You may want to name and note the treatment on the included Easy Mode Profile Reference card under Waveforms/ Profiles.

Easy Therapy Profile Use

Once you have set your Easy Profiles, simply press the desired Profile (A, B, C, or D). The LED for that Profile should illuminate along with the waveform and parameters of the treatment. Simply set the intensity level and press start to begin the treatment.

Advanced Therapy Profile Mode Set-Up

To set a Profile in the Advanced mode, first press the waveform and then press the desired Profile (A, B, C or D). For example, press Quadpolar then profile A. You will see that there is a treatment default already programmed. To change the treatment, simply select the parameters you want for that waveform profile, set intensity and PRESS AND HOLD THE START/ACCEPT BUTTON UNTIL YOU HEAR TWO CLICKS AND A LONG TRILL. This indicates that the treatment is saved as a profile for that waveform. You may want to name and note the treatment on the included waveform specific Profile Reference card. Use the Advanced Mode Profile Reference cards. In this case, it would be the Quad/Pre-Mod card. There are also cards for Russian/Hi-Volt and Micro/Support.

Advanced Therapy Profile Use

Once you have set your Advanced Profiles, simply press the desired waveform and then the desired Profile (A, B, C, or D). The LED for that Profile should illuminate along with the waveform and parameters of the treatment. Simply set the intensity level and press start to begin the treatment.

Lead Cord Tester

The Winners have a set of lead jacks on the left side of the unit. Plug in your lead cord and touch the tips together. You should hear a beep to let you know your leads are good. If you hear no beep then you need to replace your lead cord.

Ultrasound - CM Models Only

The ultrasound function of the Winner CM4 and CM2 is very easy to use. Once the machine is turned on, the last treatment's parameters will be displayed. If this is the desired treatment set the intensity with its up/down arrows and press the Start button.

The Ultrasound Active light illuminates and the Time is blinking indicating that ultrasound is being output and time is counting down.

*NOTE: Be sure to use Aloe-Sound Lotion as a coupling agent and place the appropriate soundhead on the patient. Remember to always move the soundhead, approximately 4cm/second either in a circular or back and forth motion. If you want to change ultrasound parameters select from the following list:

- Transducer
- Frequency
Select from 1MHz or 3MHz. Remember that the lower the frequency, the deeper the penetration, if intensity levels are equal. 1MHz is a lower frequency than the 3MHz.
- Ultrasound Wattage (Output)
The Winner will display output in either W/cm² or Watts. Select the output display by pressing the *Select* button next to the intensity up/down arrows.
- Duty Cycle
Pulsed outputs can be selected from 10%, 20% or 50%, or 100%.
- Treatment Time
Select the desired treatment time between 1 and 99 minutes.

To Adjust Ultrasound Parameters During Treatment

You can adjust Treatment Time, Intensity, Transducer, Duty Cycle and Frequency at any time during the treatment by using the appropriate control.

To Pause an Ultrasound Treatment

Once an ultrasound treatment is running, pause it by pressing the Pause/Resume button. The time will stop flashing, the Ultrasound Active light will go out and the Intensity will start flashing - indicating a paused treatment. To resume treatment, press the Pause/ Resume button.

CAUTION: Do not operate the soundhead in an unloaded condition (without Aloe-Sound coupling Lotion/Gel and patient contact). This can cause the transducer to get very hot and may cause unrepairable damage.

NOTE: When administering an ultrasound treatment, be sure that the treatment area of the patient has an ample quantity of Rich-Mar Aloe-Sound Lotion or Gel Plus as a coupling medium. The quantity and quality of the coupling medium used has a direct bearing on the amount of ultrasonic energy transmitted to the treatment area.

Combo - CM Models Only

The Winner CM4 and CM2 units allows the user to combine a stim treatment with an ultrasound treatment by emitting stimulation and ultrasound through the soundhead at the same time.

Quick and easy “self-jacking” can be accomplished by taking the lead cord from the stim channel you want to use and plug the desired lead tip into the special ultrasound jack for combination therapy.

- Plug the lead cord into the red jack of whatever channel you are using for stim.

- Apply the electrode to the desire lead tip (figure 2) and put it on the patient.

- Then, plug the pin end of the other side of the lead into the small silver stim jack on the right side of the ultrasound cable (figure 3). This makes the soundhead function as that electrode.

- Apply the Aloe-Sound Coupling Lotion or Gel to the site and apply the soundhead to the patient. This completes the stimulation circuit(figure 4) and the stimulation component of the treatment may now be set up.

Once the parameters are selected, set the stim intensity level. The patient should feel the stimulation. Set the ultrasound parameters making sure to move the soundhead once you are outputting ultrasound (Ultrasound Active light comes on). You are now providing a combination therapy treatment.

All Rich-Mar Ultrasound Applicators can be used in the Combo mode.

* Therapy Hammer Applicator shown in pictures.

NOTE: Both contraindications for ultrasound **and** stimulation should be observed when using the device in combination.



Figure 1



Figure 2



Figure 3



Figure 4

Electrical Stimulation Site Preparation, Electrode Attachment, and Maintenance Guidelines

- 1) Know the stimulation characteristics, indications, and contraindications of the desired waveform. For most patients, the Micro amperage current will be sub-sensory. However, if stimulation sensation is perceived, be sure it is set at a level that is comfortable for the patient. On all other muscle stimulation and interferential current therapies, be sure that the intensity is set to a comfortable level.

NOTE: DO NOT BRING UP THE INTENSITY UNTIL THE FOLLOWING PROCEDURES HAVE BEEN OBSERVED.

- 2) Clean the area(s) of the skin to be treated with soap and water or an alcohol wipe.
- 3) Excessive hair may be trimmed, but shaving is not recommended immediately prior to electrode placement.
- 4) Choose the appropriate size electrode(s) for the body part being treated.
- 5) Be sure that the electrodes are securely attached to the lead wires. See the illustration on the following page for the appropriate patient lead wire connections.
- 6) Avoid placing an electrode over areas of broken skin, scars, moles, or unusual areas of skin discoloration. Also avoid skin folds/creases or areas of impaired sensation.
- 7) The single patient self-adhesive electrodes are well suited for most body areas in which electrical stimulation would be used. Remove the electrodes from the pouch and save it for subsequent storage of the product. Carefully peel the electrodes from the release backing and apply it to the chosen site. Press firmly to ensure uniform and secure contact with the skin and begin stimulation treatment.

Carbon Electrode Information

CAUTION: When using carbon electrodes with any Rich-Mar stimulator, a moistened interface (cloth or sponge) **MUST** be utilized between these electrodes and the patient to avoid skin irritation and/or electrical burns.

Electrode Storage and Maintenance

IMPORTANT: The adhesive properties of these electrodes may be affected by ambient or patient skin conditions. While out of the package, extreme variations in humidity levels may affect the adhesive properties of these electrodes.

To increase the adhesive properties of the electrodes, add a few drops of water to the electrodes conductive surface and spread evenly. Allow a couple of minutes for the increase in tack.

Removal and Storage of Electrodes

Turn off the stimulation device and disconnect the cabling. Remove the electrodes from the skin and reapply to the plastic backing. Place in the pouch and reseal for storage to maintain proper adhesive quality when not in use. If possible, store the electrodes in a refrigerator to maintain adhesive.

CAUTION: In multiple, consecutive treatments of a patient, the electrodes should be discarded and replaced if damaged, or when proper adhesive tack or comfort can no longer be achieved. Electrodes should be replaced when they lose their adhesive quality, or when a change in stimulation intensity is noticed, or if the gel is separated. If in doubt about the integrity or proper function, replace the electrode before proceeding. In any instance, Rich-Mar recommends that the self-adhesive electrode **NOT** be used for more than 20 consecutive treatments.

Carbon Electrode Maintenance

Rich-Mar Corporation recommends that your carbon electrodes be replaced annually.

Recommended Electrode Types

Rich-Mar Corporation recommends the use of our self-adhesive electrodes with this device.

SuperStim or MultiStim self-adhesive will provide the proper conductive properties.

FOR MORE INFORMATION ON RICH-MAR ELECTRODES, CONTACT YOUR LOCAL RICH-MAR DEALER or THE RICH-MAR SALES DEPARTMENT at 1-888-549-4945

Patient Lead Cord Maintenance

Rich-Mar Corporation recommends that your patient lead cords be replaced annually. Please note that your patient lead cords bear a label with a space provided to write in the date that the lead cord was put into service (“Date in Service”). There is also a space to write in the replacement due date (“Replace By”), which will be one year from the date the lead cord was put into service.

Please take the time to write in these dates with a permanent marker. This will serve as a convenient reminder of the age of your lead cords.

Some Rich-Mar muscle stimulators are equipped with a feature that allows you to check lead cord continuity. If your device is equipped with this feature, it is recommended that the lead cords be checked at least monthly. Checking lead cords on a routine basis, and replacing them annually, will ensure your patient’s comfort, safety, and the effectiveness of the treatment.