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## Overview

Rummy 500 is a member of the "Rummy" family of card games. It is more formally known as "Five Hundred Rum" and is documented in Hoyle's Rules Of Games. Rummy 500 adheres to the documented rules, but provides rule variations should you be familiar with other methods of playing.

Thirteen cards are dealt to you and thirteen to your opponent. The remaining cards form the stock and are placed face down by the table. The top card is turned face up on the table. This card forms the beginning of the discard pile.

The game progresses with the player and opponent alternately starting their turn by taking either the top card of the stock, or one or more cards from the discard pile.

You may always take the last card of the discard pile as an alternative to taking a new card from the stock, unless the rule variation inhibiting this is in effect.

You may elect to take another card from the discard pile only if you are able to meld the card you select. The selected card, and any and all cards to the right of it, are added to your hand. Your next action must be to meld the selected card.

Whether you started your turn by taking a card from the stock, or by selecting one or more cards from the discard pile, you continue your turn by playing melds to the table as many times as you wish--providing that you have the cards to meld. You conclude your turn by discarding one of the cards in your hand, unless you have melded them all.

A round ends when: (i) a player has discarded or melded their last card or (ii) if there are no cards in the deck and the player whose turn it is elects not to take from the discard pile. Any cards remaining in your hand then score against you.

Successive rounds are dealt and played until one of the players achieves the goal of 500 points to win the game.

# Getting Started

*When learning a new game, many people prefer to watch others play a few hands before diving in for themselves. Rummy 500 caters to such wishes by means of its "AutoPlayer" mode. Click the second line below for instructions on how to start the AutoPlayer.*

## **Getting Started Instructions**

### **"I'd Rather Watch First"**

## Getting Started Instructions

When you first start Rummy 500, you will see a "Press To Start..." button in the middle of the table. If you wish to make any menu option changes before starting, now is a good time to do this. Then click on the start button. Unless you have chosen the "cut for deal" option, you will then be informed that you lead the first round of the first game. Click on the OK button to proceed.

The first round of the first game starts with your turn, which you make by either taking a new card from the stock, or by taking the card from the discard pile. The lead alternates on each successive round. The initial lead also alternates from game to game, unless the "cut for deal" option (labeled "New Game Deal Cut") has been selected from the "Configuration" menu.

If you elect to take a new card from the stock, you click on the top of the stock. The top card will then be turned face up for you to see, and, after a fraction of a second, will be automatically added to your hand. Alternatively, if the AutoMouse option is enabled, the card will not be displayed on the deck, but will be moved directly to your hand. With AutoMouse, the mouse pointer also moves to your hand and points to the card was newly taken.

If you want to take the card from the discard pile, click on it. If AutoMouse is enabled, the mouse pointer will move with the card to your hand.

If you are able to, and wish to, you may meld some of your cards at this time.

You end your turn by discarding a card from your hand by clicking on it with the RIGHT mouse button. If AutoMouse is enabled, the mouse pointer will automatically move back to the deck.

Your opponent (the computer) will then play its turn, and so on.

At any time you can get assistance on what to do next by clicking on the "Explain" option of the "Assistant" menu. An information window will appear describing your options at that point of play. This window will disappear automatically when you click anywhere except the title bar of the information box. You may move the information window by dragging its title bar.

When you are learning the game, you might set the opponent skill level to "champion" and discard each of your cards immediately after taking them. In this way, you will see how melds and discards are played by the opponent. Subsequently, you might set the opponent skill to "carefree" (in which case the opponent will always discard) to play out your hand completely. You might also care to check the "Show Cards" option of the "Opponent" menu while you are learning the game. Once you have experimented with these methods, you should be ready to play in earnest!

## Watching A Game Being Played

If this is your first experience of Rummy 500, you might prefer to watch a game being played before launching into reading the help information in detail.

Follow the following steps to set Rummy 500 into AutoPlayer mode.

- 1 Select "AutoPlayer" from the "Assistant" menu
- 2 Select a skill level for the player. "Expert" would be a good choice. Press "OK"
- 3 Sit back and watch.
- 4 Press the "Stop" button when you have watched for long enough.

## The Layout



The layout of the display is shown above. You can click on any part of the graphic to learn about that item. (To dismiss the resulting pop-up window, click on it.)

### *Briefly:*

The stock is shown face down to the left of the table, with the discard pile arranged face up on the table, to the right of the stock. The opponent's cards are displayed face down above the table, and the player's cards are displayed face up below the table. Melds are displayed on the table, below the discard pile.

## Using The Mouse

All mouse operations in Rummy 500 are performed by single clicking. Rummy 500 does not support dragging or double-clicking, except when the "Double-Click Discard" option of the "Player" menu is in effect.

Operations take effect when the mouse button is released, and are ignored if the mouse button is released in a different area from where it was depressed.

If you have depressed a mouse button in an area of the screen and wish to abandon the action, move (drag) the mouse away from that area and release the button. The different areas of the screen are:

- The stock
- The discard pile
- The opponent's cards
- The player's cards
- The table
- The cards melded to the table
- The status bar

For example, if you have depressed the mouse button on the stock and wish not to take a new card after all, move the mouse away from the stock before releasing the button.

Either the left or right mouse button may be used for almost all operations except:

- The left mouse button must be used to select (highlight) cards
- The right mouse button must be used to discard from your hand

The AutoMouse features may be enabled to move the mouse automatically between the stock and the player area and/or to and from the message and information windows.

## Arranging Your Cards

By default, Rummy 500 automatically sorts and resorts the player's cards when dealt, and when new cards are added to it. The default sortation is suit within rank.

When the "Sort By Suit" option is selected from the "Player" menu, the sortation is changed to be rank within suit.

Alternatively, you may chose to arrange the cards yourself by selecting the "No Sorting" option from the "Player" menu. In this case, the hand is dealt randomly, and new cards are always added to the right of the hand. You then have complete freedom to arrange the cards as you wish, as described below.

You may also move cards at any time even if "No Sorting" is not selected. However, in this case, your cards will always be resorted when the next card or cards are added to it.

To move a card to the left, click down on it with the left mouse button, and keep the button depressed. Then move the mouse to the left, whereupon the mouse-pointer will change to a double-headed arrow. When the pointer is in the desired position for the card, release the mouse button. The card will then move to its new position - which will be before the card upon which the mouse button was released.

To move a card to the right, perform the same process as above except move the mouse-pointer to the right with the mouse button depressed. In this case the card will be moved to be positioned after the card over which the button was released.

Remember that if you click on the left mouse button and release the button without moving the cursor, the card will be selected for melding.



## Playing The Game

After the cards for a round have been dealt, the sequence of each of your turns (and those of your opponent) is:

- 1 Taking a card from the stock, or one or more cards from the discard pile
- 2 Melding cards from your hand to the table, as and if possible
- 3 Discarding one of the cards from those in your hand.

The round ends when one of the players discards the last card from their hand.

### Dealing

### Taking The Top Card Of The Stock

### Taking From The Discard Pile

### Melding Cards To The Table

### Discarding From Your Hand

## Dealing

The first round is dealt automatically after you confirm that you will start the first round, or after the cut for deal (if this option is selected).

After the end of each round, after displaying the scores for the round, Rummy 500 will shuffle and deal the cards for the next round.

At the end of each game, you will be asked if you want to proceed with the next game. If you select "Yes", Rummy 500 will shuffle and deal the cards.

At any time, you may select "Redeal Game" from the Game menu. In this case, the current game is abandoned, and the cards are reshuffled and redealt. Alternatively, you can select "Restart Round", in which case the cards are not shuffled and the current round is restarted.

If "AutoMouse Cards" is enabled, the mouse pointer will be moved automatically to the deck after the cards have been dealt.

## Taking The Top Card Of The Stock

Position the mouse pointer over the face down card on top of the stock. (In AutoMouse mode, the mouse will have been automatically positioned over the stock after you discarded the previous card.)

Click either the left or right mouse button on the card.

The card will then be removed from the stock and added to your hand, which will immediately be sorted.

If AutoMouse mode is operative, the mouse pointer will also move to your hand and point to the card taken.

If AutoMouse mode is not operative, the card will be displayed face-up on the stock for a fraction of a second so that you can see what it is before it is moved to your hand.

## Taking From The Discard Pile

If you wish to take cards from the discard pile, you do this instead of taking a new card from the stock.

Unless the "Meld Last Discard" rule option is in effect, you may freely take the last card from the discard pile by clicking on it. It will then be added to your hand, just as taking a new card from the stock would. However, you cannot discard the same card back to the discard pile at the end of your turn.

Alternatively, you may take any number of consecutively discarded cards, up to and including the last one discarded, and add them to your hand provided that you meld the earliest discarded (that is, the leftmost) of these cards immediately after it is added to your hand.

To take a sequence of discards, position the mouse pointer over the (first) card in the discard pile to be taken and melded. Click the LEFT mouse button. The selected card, and those to the right of it, will be added to your hand.

In order to execute the meld immediately after taking the discards, Rummy 500 will highlight the selected card in your hand and prohibit you from deselecting it or discarding before you have melded it. (Use the "Undo" option from the "Player" menu if you wish to return the selected cards to the discard pile and start over.)

If required, select (by clicking on them) additional cards from your hand which are to be part of the current melding action.

The identified cards will be played to the table in the normal manner. (See "Melding Cards" topic).

## Melding Cards To The Table

You may either create a new meld of at least three cards, or you may add one or more cards to an existing meld displayed on the table. You may add to any displayed meld, whether it originated from one of your turns or one of the opponent's. Similarly, your opponent may add cards to melds you initiate.

At the beginning of your turn, as an alternative to drawing a new card from the stock or taking the last card from the discard pile, you may meld any number of the discarded cards together or with others from your hand. To do this, you merely click on the leftmost card you require from the discard pile. The selected card and those to the right of it will then be added to your hand. Your next action must be to meld the selected card.

You then continue your turn until you discard or have melded all your cards.

### *Further information:*

**[Creating A New Meld](#)**

**[Adding To An Existing Meld](#)**

**[Determining Which Cards Are Melded](#)**

## Creating A New Meld

First you must select which cards from your hand are to form the new meld. You do this by identifying each of those that you wish to select. You must select at least three cards.

To select a card: Position the mouse pointer over the card and click the LEFT mouse button. The card will now be highlighted. If you just started your turn by taking cards from the discard pile, one of the cards will be highlighted already.

To deselect a card: Repeat the action (i.e., position the mouse pointer over the highlighted card and click the LEFT mouse button). The card is no longer highlighted. Note that you cannot deselect a card which is highlighted as a result of having been taken from the discard pile. Such a card must be melded immediately.

When you have selected (i.e., highlighted) three or more cards, you may meld them to the table. You do this by positioning the mouse pointer over any uncovered part of the table and clicking the LEFT mouse button. (If the lower part of the table is filled with melds, click on the uncovered area to the right of the discard pile.)

If the meld is valid, the cards will then be moved from your hand to the table.

Alternatively, if the combination of highlighted cards does not represent a valid meld, you will receive an error message, and the cards will remain in place.

*See also:*

**[Melding Cards To The Table](#)**

**[Adding To An Existing Meld](#)**

**[Determining Which Cards Are Melded](#)**

## Adding To An Existing Meld

First you must identify the card, or cards, which are to be added to the meld.

To select a card: Position the mouse pointer over the card and click the LEFT mouse button. The card will now be highlighted.

To deselect a card: Repeat the action (i.e., position the mouse pointer over the highlighted card and click the LEFT mouse button). The card is no longer highlighted. Note that you cannot deselect a card which is highlighted as a result of having been taken from the discard pile. Such a card must be melded immediately.

To add the highlighted card(s) to a meld on the table, position the mouse pointer over any card in the existing meld and click the LEFT mouse button.

If the highlighted card(s) can be melded with those on the table, the card(s) will then be added to the meld on the table.

Alternatively, if the card(s) highlighted cannot be melded with those on the table, you will receive an error message, and the card(s) will remain in place.

*See also:*

**[Melding Cards To The Table](#)**

**[Creating A New Meld](#)**

**[Determining Which Cards Are Melded](#)**

## Determining Which Cards Are Melded

Because melded cards are overlapped in columns, it is sometimes not easy to determine what a particular card is, particularly in melds of the same rank. It may help to remember that such melds are always arranged in the order: Hearts, Spades, Diamonds, Clubs (from the top).

Rummy 500 includes a facility to precisely describe which card is which in the melds. Clicking down on the right mouse button with the mouse pointer positioned over a melded card will display a description of the card (e.g., "Jack of Clubs") in place of the status message. Moving the mouse over the melds with the right button down will update the display as each card is traversed. Release the mouse button to return to the status message display and resume playing Rummy 500.



## Discarding From Your Hand

You end your turn by discarding any one of the cards in your hand. The only exceptions being:

- if you started your turn by taking the last card from the discard pile into your hand, you cannot discard it back again on the same turn
- if you can meld all the cards in your hand you may do so, unless the rule option specifying "meld last discard" is selected.

To discard a card from your hand, position the mouse pointer over the card and click the RIGHT mouse button.

If you have selected the "Double-Click Discard" option from the "Player" menu, a single-click will have no effect and you will need to double-click on the right mouse button. This option is a safety-check against unintentional discarding.

The card is then removed from your hand and added to the discard pile.

If the "AutoMouse Cards" option is in effect, the mouse pointer will move automatically to the stock.

Note that you cannot discard while cards are highlighted. You must deselect any highlighted cards before discarding. If you started your turn by taking cards from the discard pile, the card which was automatically highlighted must be melded and cannot be deselected.

## About The Opponent

The opponent plays automatically after you have discarded, or when it is the opponent's turn to start a round.

The opponent skill level may be set at any of six levels from the "Skill Level" option under the "Opponent" menu.

When the opponent takes cards from the discard pile, it will briefly highlight the leftmost of the cards taken. If this is not the last discard, the opponent will also briefly highlight the card when it melds it so that you can be sure that the opponent is abiding by the rules. If desired, this feature can be turned off via the "No Discard Highlighting" option under the "Opponent" menu.

When the opponent takes a new card from the stock, it will briefly highlight the stock as confirmation. If desired, this feature can be turned off via the "No Stock Highlighting" option under the "Opponent" menu.

The opponent also pauses briefly (about two fifths of a second) after taking a card and between each of multiple melds so that the actions of its turn can be clearly viewed. If desired this delay can be suppressed via the "Quick Display" option under the "Opponent" menu.

## Scoring

Points are earned for each card melded to the table. The points distribution is:

- 1 Point : an ACE when melded at the low end of a run (See note below)
- Face Value : a TWO through NINE (See note below)
- 10 Points : a TEN, JACK, QUEEN or KING
- 15 Points : an ACE when melded with other aces, or at the high end of a run

At the end of a round, when either the player or opponent has discarded the last card in their hand, or the deck is exhausted, any points remaining in the other player's hand are deducted from their score. Aces are always valued at 15 points for this purpose. A player will realize a negative score if the points in their hand exceed the points played to the table.

Successive rounds are played until one of the players wins the game with 500 points.

### **Note:**

*If you have selected the rule variation to score in units of 5, 10, and 15 the following differences apply:*

- An ACE melded at the low end of a run scores five points
- The cards TWO through NINE score five points

# Menus

*The following drop-down menus are available:*

**Game**

**Configuration**

**Player**

**Opponent**

**Assistant**

**Rules**

**Scoreboards**

**Help**

## Game Menu

*The following selections are available under the Game Menu:*

**AutoResume**  
**Restart Round**  
**Redeal Game**  
**Exit**

## AutoResume

The AutoResume feature controls how Rummy 500 starts up when there are multiple scoreboards defined.

If AutoResume is checked, Rummy 500 will remember which player was playing when it exits, and will automatically start up for that player when Rummy 500 is next run.

If AutoResume is not checked, Rummy 500 will not remember which player is playing and, if multiple players are defined, will present the "Select Player" window when Rummy 500 is next run.

If only one player is defined, typically "Default", AutoResume has no effect on how Rummy 500 starts up. It will start up for that player.

If the remembered player's scoreboard file is deleted between sessions, thus effectively undefining the player, Rummy 500 will present the "Select Player" window when next started.

The AutoResume option status is not saved in the same way as other options. Rummy 500 automatically starts up with AutoResume set as it was when the previous Rummy 500 session exited.

## Restart Round

Click to restart the current round. Rummy 500 will abandon the current round and restart it from the beginning, without shuffling the cards.

## Redeal Game

Click to start a new game. Rummy 500 will abandon the current game, reset all counters and scores, and shuffle the cards before dealing.

This action restarts only the current game. Thus, if you are currently on game 3, the play will restart at round 1 of game 3.

If you want to start over from the beginning of game 1, select "Reset Scoreboard" from the "Scoreboards" menu.



## Exit

Terminates the session and exits from Rummy 500.

Before exiting, Rummy 500 asks if you want to save the updated scoreboard for the current player, if it has changed since it was last saved.

If you respond "Yes", Rummy 500 will save the scores of all previous games and the scores of the rounds of the current game (if not yet completed) for the current player. When this player next plays Rummy 500, this information will be restored automatically and play will proceed with the same game number and round number.

If you respond "No", the scoreboard information will not be updated and when the current player next plays Rummy 500, the situation will be as it was previously.

If, when you next play Rummy 500, you start part way through an unfinished game (e.g., round four) and you wish to restart from round one of the game, use the "Redeal Game" option.

Note that Rummy 500 only saves the scores of games and rounds completed. It does not save the card distribution if you exit Rummy 500 partway through a round.

# Configuration Menu

*The configuration menu is comprised of selections that are mostly either checked or unchecked. When the menu drops down, a checked item will have a check mark by it. To select an option, click on it so that the check mark is showing. To deselect an option, click on it so that the check mark is not showing.*

*The following selections are available under the Configuration Menu:*

**AutoStart**

**AutoSave All Options**

**AutoMouse - Cards**

**AutoMouse - Dialogs**

**Card Design**

**True Corners**

**Colors**

**Sounds**

**Resolution**

**Display Error Box**

**No Bell**

**No 3D Effects**

**No Status Messages**

**No Start Reminders**

**New Game Deal Cut**

**Display Turn Count**

**Overlap Melds**

**Save Configuration**

## AutoStart

When selected, the "Press To Start..." button will not appear at the start of a player's session, that is when Rummy 500 starts, or after changing players.

When unselected, the "Press To Start..." button will be displayed at the start of a player's session. This permits you to review information (such as help, or the scoreboards) and make option changes before Rummy 500 deals the first round of the session.

## AutoSave All Options

When selected, all option settings under the "Configuration", "Player", "Opponent", and "Rules" menus will immediately be saved, and will subsequently be saved whenever they are changed. Also, the "Save ..." option in each of these menus will no longer appear.

When unselected, changes made to options are only saved when the "Save ..." option of the respective menu is selected. This is the default.

## AutoMouse - Cards

When checked, the mouse pointer automatically moves: (i) to your hand when you take a new card from the stock or you take one or more cards from the discard pile, and (ii) back to the stock when you discard. It also moves to the stock after each new deal.

This facility reduces mouse movement and potential carpal tunnel strain for avid players of Rummy 500.

## AutoMouse - Dialogs

When checked, the mouse pointer automatically moves to any message or information windows which are displayed and, if "AutoMouse - Cards" is also selected, back to the player's hand or the stock (depending where it was previously) after the window is dismissed.

This facility is intended to be used as an addition to "AutoMouse - Cards" to further reduce mouse movement and potential carpal tunnel strain for avid players of Rummy 500.

***Note:***

Some mouse drivers and add-in utilities also perform this function on some user's systems. Therefore this is a separately selectable option within Rummy 500.

## Card Design

There are six standard card back designs available. To change to another design, select this [menu option](#) and click on the required card back from those displayed.

If you wish to, you can design your own card backs as alternatives to the standard cards. In this case, the card design choice window will include a "Custom/Standard" button to switch between the six standard designs and up to six custom designs.

If you have previously saved your configuration with a custom card back which is no longer present on disk, [Rummy 500](#) will default to the first of the standard designs.

*See also:*

**[Designing Custom Card Backs](#)**

## Designing Custom Card Backs

Rummy 500 does not provide graphic design capabilities, so it is assumed that you are able to scan, copy, or design the image file(s) you require using other tools.

The size of a card image is 71 by 96 pixels. If your design is larger, Rummy 500 will take the card back from the upper left part of your design.

You do not need to add the card frame (single pixel black line around the edge) or trim the corners. Rummy 500 will do this automatically when it loads the card back image file, which will override your efforts anyway.

Card back designs should be stored in Windows Meta File (WMF) format. If a card back is saved in bitmap (BMP) format it will likely display blank at higher color resolutions and may cause system instability. If you already have or develop your designs in bitmap format, convert them to WMF format using an image converter program (such as Image Convert from MTE industries, available as shareware) or a graphics program (such as Paint Shop Pro from JASC, Inc. - also available as shareware).

Card back designs must be stored in the same directory as Rummy 500 as file names rumback1.wmf to rumback6.wmf. You don't need to have all six, Rummy 500 will retrieve as many as it finds when displaying choices in the Card Design selection window.

*See also:*

### **Card Design**



## True Corners

When selected, Rummy 500 will display cards with rounded corners, removing the small gray corner flash.

When unselected, the default, Rummy 500 will display card images as rectangles which include the corner flash. This method displays the cards much faster on slower systems.

While often not noticeable, the corner flash is more visible with dark custom card back designs and certain choices of background color.

### *Note:*

When this option is selected, Rummy 500 uses more complex card display methods which will slow down the display of cards on slower systems, or those with slower graphics adaptors.

With faster systems and graphics adaptors, the difference in display speed is not noticeable and provides a much more realistic card image.

## Colors

The colors sub-menu allows you to change the colors used by Rummy 500 as follows:

- Main - The outer part of the display. Default is brown.
- Table - The center table area. Default is green.
- Label Text - The labels (e.g., "Cards In Hand"). Default is yellow.
- Counter Text - The numeric counters under the labels. Default is black.
- Counter Background - The background of the above. Default is gray.
- Error Message Text - The text of error messages. Default is black.
- Error Message Background - The background of the above. Default is red.
- Scoreboard Wins - The scoreboard text color of games won. Default is blue.
- Scoreboard Losses - The scoreboard text color of games lost. Default is red.
- Opponent Melds - The tint color for melded cards. Default is pale yellow.
- Factory Defaults - Resets all colors to the Rummy 500 default values encoded into the program.
- Local Defaults - Resets all colors to the values saved for the "Default" player

### *Note*

If you define custom colors in the color selection window, these will be stored in the RUMMY500.INI file so that you can use the same colors within Rummy 500 at any time in the future.

## Sounds

Select this menu option to invoke the sound options window.

Rummy 500 permits the optional association of a wav file with each of the following six events:

- Start Up
- Winning A Round
- Losing A Round
- Winning A Game
- Losing A Game
- Exit

Rummy 500 does not check that you have a sound board or the speak.exe driver installed. The speak.exe driver is a freely available Microsoft product which uses your PC speaker to play (low quality) sound. If you do not have either of these sound capabilities installed, no error message will appear but any sounds you specify won't be heard.

The sound options window is configured in the following three sections:

### ***Enable Effects***

The check box at the top of the window acts as the master switch. It must be checked for sounds to be played and can be unchecked to temporarily suppress sounds.

### ***Sound Files Currently Defined***

Select one of the six buttons corresponding to the events which can have a sound associated. The name of the currently assigned file name will be displayed. (If there is no associated sound file, [none] will be displayed.) To test the sound, press "Play". To break the association between the file and the event, press "Cancel".

To assign a sound file, or a new sound file, with an event, use the lower part of the sound options window (see below).

### ***Select Different File***

First, ensure that the required event is selected in the above section.

Use the directory selector, and the drive selector above it, to select the directory in which the required wav file is located. A list of all wav files in the directory will be displayed in the file list to the left of the directory selector. Click on the required filename and use the "Select" Button to assign it to the required event. To test the sound, use the "Test" button.

## VGA/SVGA Resolution

This option does not appear in the menu if your monitor is set to VGA resolution (i.e., 600x480).

At higher screen resolutions, select the "SVGA Resolution" option to have Rummy 500 use SVGA (800x600) display mode. The SVGA mode takes advantage of having more room to lay out the cards. Select the option again ("VGA Resolution") to return to VGA resolution, the default.

If you are using a "Large Fonts" setting at a higher resolution, Rummy 500 will automatically adjust its menu and window to accommodate this.

When necessary, Rummy 500 automatically compresses groups of cards to keep them within the field of play. This will occur much more frequently at VGA resolution.

## Display Error Box

When selected, error messages displayed by Rummy 500 are shown as dialog boxes (with an "OK" button) instead of in the status bar. This facilitates reading on monitors where the status bar error message might be hard to read.

When unselected, the default, all error messages displayed by Rummy 500 appear in the status bar.

## No Bell

When selected, the bell/beep sound associated with errors and spurious mouse clicks is suppressed. It is recommended that the "Display Error Box" option be selected in this situation so that error messages don't go unnoticed.

When unselected, the default, the bell will sound when an error is displayed, or when a spurious mouse click is detected.

## No 3D Effects

When checked, the 3-Dimensional look to the user interface is disabled.

When unchecked, 3D effects are enabled. In this state all menus, pop-up windows and forms, dialog messages, etc., are displayed using gray backgrounds and three-dimensional highlighting. This is the default.

## No Status Messages

When checked, status messages are not displayed in the status bar during play. Error messages will continue to be displayed as appropriate. When unchecked, the status messages indicating the state of play will be displayed.



## No Start Reminders

When selected, the reminders of who starts the next round or game are suppressed.

When unselected, the default, a reminder of who starts next is displayed at the start of each round.

## New Game Deal Cut

When selected, the players will cut for deal at the start of each new game, and non-dealer will lead the first round.

When unselected, the default, the player leads the first game, the opponent the second game, and so on alternately.

The deal cut window permits you to cut any card between the first and fifty-first in the deck. Move the scroll bar to select the cut. The opponent will cut the remaining cards in half.

## Display Turn Count

When selected, a display counter of the number of the current turn (within the current round) is displayed under the game and round counters in the upper left part of the Rummy 500 window.

When unselected, the default, only the game and round counters are displayed.

## Overlap Melds

When selected, melds are overlapped by at least 49% in order to horizontally compress the space needed to display them. This facility reduces the need for Rummy 500 to automatically compress melds when the table width would be exceeded, since this can be time-consuming and distracting on slower systems.

When unselected, the default, melds are not overlapped unless and until space limitations require them to be overlapped.

## Save Configuration

*Note: This option is not displayed if "AutoSave All Options" is selected under the "Configuration" menu.*

This action copies a permanent record of the current settings under the "Configuration" menu to the computer's hard disk. Each player's options are separately stored.

Each time that Rummy 500 is started, or players are changed, the personal configuration options for the incoming player are restored automatically. If the player has not previously saved their personal configuration, the default configuration options will be used.

To change the default configuration settings, establish yourself as the player named "Default", make the required changes, and "Save Configuration".

*See Also:*

**[Save Opponent Options](#)**

**[Save Player Options](#)**

**[Save Rules](#)**

**[AutoSave All Options](#)**

## Save Opponent Options

*Note: This option is not displayed if "AutoSave All Options" is selected under the "Configuration" menu.*

This action copies a permanent record of the current settings under the Opponent menu to the computer's hard disk. Each player's options are separately stored.

Each time that Rummy 500 is started, or players are changed, the personal opponent settings for the incoming player are restored automatically. If the player has not previously saved their personal options, the default options will be used.

To change the default opponent settings, establish yourself as the player named "Default", make the required changes, and "Save Opponent".

*See Also:*

**[Save Configuration](#)**

**[Save Player Options](#)**

**[Save Rules](#)**

**[AutoSave All Options](#)**

## Save Player Options

*Note: This option is not displayed if "AutoSave All Options" is selected under the "Configuration" menu.*

This action copies a permanent record of the current settings under the Player menu to the computer's hard disk. Each player's options are separately stored.

Each time that Rummy 500 is started, or players are changed, the personal player settings for the incoming player are restored automatically. If the player has not previously saved their personal options, the default options will be used.

To change the default player settings, establish yourself as the player named "Default", make the required changes, and "Save Player".

*See Also:*

**[Save Configuration](#)**

**[Save Opponent Options](#)**

**[Save Rules](#)**

**[AutoSave All Options](#)**

## Save Rules

*Note: This option is not displayed if "AutoSave All Options" is selected under the "Configuration" menu.*

This action copies a permanent record of the current settings under the Rules menu to the computer's hard disk.

Each time that Rummy 500 is started, or players are changed, the rules settings for the incoming player are restored automatically. If the player has not previously saved their personal options, the default options will be used.

To change the default rules settings, establish yourself as the player named "Default", make the required changes, and "Save Rules".

See Also:

**[Save Configuration](#)**

**[Save Opponent Options](#)**

**[Save Player Options](#)**

**[AutoSave All Options](#)**



## Player Menu

The following selections are available under the Player Menu:

Add New Player

Remove Player

Change Players

Undo

Double-Click Discard

Check Meldable Discard

No Sorting

Sort Ace Low

Sort By Suit

Stagger Hand

Save Player Options

## Add New Player

Rummy 500 permits the definition of up to 12 players. Scoreboards and personal options are maintained separately for each player.

When you first use Rummy 500, the only player is "Default". Use the "Add Player" menu option to add more players. Each time you use this menu option, you will be asked to specify one new player's name.

Enter players' names as 1-8 letters and numbers. Spaces, punctuation marks, and special characters are not permitted. Valid examples are: Jane, Charles, Dave2. Irrespective of how you specify upper and lower case, Rummy 500 will always display the player names in lower case with the first letter capitalized.

If you attempt to add a new player when twelve players already exist, you will receive an error message.

## Remove Player

Select this option to remove a player from your system. After clicking on this option, select the required player name from the button pad. You will be asked to confirm that the player is to be removed, after which the scoreboard file and the saved options for the player will be permanently deleted from your system.

Note that if you remove the player named "Default", only the scoreboard is removed. This is because the corresponding saved options are used as the defaults for players who do not have personal options saved.

## Change Players

Select this menu option to change to another player. If only one player is defined, this menu option will not appear, and you will need to add a new player first.

When changing players, you will first be asked if the scoreboard for the outgoing player is to be saved, if it has changed since it was last saved. Then the incoming player's saved options and scoreboard status will be restored. If the incoming player does not have personal options saved, the stored defaults will be used.

You can also change players by clicking on the current player name in the status bar.

## Undo

Select this option to undo your current turn and start it again.

This option is only enabled during your turn. You cannot undo the opponent's turn, nor your previous turns. You cannot return a seen card to the stock. Once you have discarded, you cannot turn back. Thus, the undo feature only permits what a reasonable human opponent would permit.

If you started your turn by taking a new card from the stock, that card will not be returned to the stock (because you have already seen it). You will restart your turn from immediately after you took the card.

If you started your turn by taking from the discard pile, that card, or those cards, will be returned to the discard pile and you will restart your turn by taking a new card from the stock, or selecting from the discard pile.

If you have highlighted cards in your hand, the undo option will deselect them - even if there is nothing else to undo.

A shortcut to this action is to click on the Undo symbol in the status bar.

## Double-Click Discard

When selected, the discard action requires a double-click on the right mouse button rather than a single click.

This option acts as a safety device against unintentional discarding. When selected, a single click (of the right mouse button) has no effect, and two subsequent single clicks will display a reminder that a double-click is required.

When this option is not selected, discarding is achieved by a single click on the right mouse button. This is the default.

## Check Meldable Discard

When this option is selected, the player's discarding actions will be monitored and confirmation will be requested if the player is about to discard a card which could be melded - either with an existing meld, or with other cards in the player's hand.

When this option is not selected, discarding is final.

This option provides the equivalent of an "Are you really sure you want to do that?" comment which might be made by a human opponent during an informal game.

## No Sorting

When selected, the player's hand is not automatically sorted as cards are added to it. This permits the player to manage all arrangement of the cards in hand to their own preference.

When unselected, the default, the sortation of the player's cards is automatically maintained in the desired order (sorted by rank by default, by suit if selected under the "Player" menu.).

*See Also:*

**Arranging Your Cards**



## Sort Ace Low

When checked, the sort criterion is set such that aces will be sorted low in the player's hand (and the opponent's hand, if visible), before twos.

When unchecked, aces are sorted high, after kings.

This option is automatically set and the menu option disabled when the "Ace Must Be Low" rule option is selected. It is automatically unset when that rule option is deselected.

All sorting is performed in the order: Clubs, Diamonds, Spades, Hearts. This improves differentiation of the suits by color.

## Sort By Suit

When checked, the sort criterion is set such that cards will be sorted by rank within suit. For example, all hearts will be grouped together.

When unchecked, cards are sorted by suit within rank. For example, all kings are grouped together.

All sorting is performed in the order: Clubs, Diamonds, Spades, Hearts. This improves differentiation of the suits by color.

A shortcut to this action is to click on the sortation symbol in the status bar. When this shortcut method is used, the change is not saved when "AutoSave All Options" is in effect.

## Stagger Hand

When selected, the cards in the player's hand will be displayed such that the suits are vertically offset from each other. This makes it easier for some players to scan their hand for runs of cards in the same suit.

When unselected, the player's cards are displayed in alignment.

A shortcut to this action is to click on the alignment symbol in the status bar. When this shortcut method is used, the change is not saved when "AutoSave All Options" is in effect.

*Note that display update operations (such as highlighting and removing cards) for a staggered hand may be noticeably slower than for the aligned method on some systems.*

# Opponent Menu

*The following selections are available under the Opponent Menu:*

**Show Cards**

**Show Remaining**

**Skill Level**

**Color Melded Cards**

**No Discard Highlighting**

**No Stock Highlighting**

**Quick Display**

**Save Opponent Options**

## Show Cards

When checked, shows the opponent's cards face up. This facility was required when Rummy 500 was being developed and tested. It remains part of the finished application so that you can determine for yourself whether there is any truth in the assertion that most people will occasionally cheat when nobody is watching them.

If you just want to see the remaining opponent cards at the end of each round, use the "Show Remaining" option.

## Show Remaining

When checked, any cards remaining in the opponent's hand will be turned face up at the end of each round.

When not checked, any cards left in the opponent's hand will remain face down at the end of each round. This is the default.

## Skill Level

The following skill levels are available, in ascending order of difficulty:

Carefree

Novice

Standard

Expert

Champion

Master

Expert, Champion and Master modes are the most time consuming of the skill levels, and may be frustrating on a slow processor. However, they make for the most challenging game and are relatively hard to beat.

### *Scoreboard Records*

When rounds and games are recorded on the scoreboard, the skill level of the opponent is also saved. If the opponent skill level is changed during a round or game, then the skill level recorded is the highest that was used during the round or game. The skill level is noted when the player makes the first discard of a round, irrespective of who started the round, and is updated (if necessary) when subsequent discards are made. Therefore, be sure to change the desired skill level for a game before your first discard.

### *Relative Performances*

The scores from 100 game test series for each combination of skill levels are shown below. These results should be taken as an approximate guide only.

- Average vs. Novice: 87 - 13 (Average scored 35% more points)
- Expert vs. Average: 63 - 37 (Expert scored 8% more points)
- Champion vs. Expert: 58 - 42 (Champion scored 4% more points)
- Master vs. Champion: 58 - 42 (Master scored 6% more points)

*Carefree never wins because it never melds. It is therefore not included in the above.*

## Carefree Skill Level

The opponent always picks up a new card from the stock, and immediately discards at random. The opponent never plays a meld, and never scores any points. This setting is useful when you are learning the game and wish to play out your own hand completely.



## Novice Skill Level

The opponent will consider whether to pick up any of the last 50% of the discard pile for melding, or take a new card from the stock. The opponent will play melds, and discards at random.

## Standard Skill Level

The opponent will consider whether to pick any of the last 75% of the discard pile for melding. Otherwise it will decide whether to take the last discard or take a new card from the stock.

The opponent will play melds, and discards intelligently. It avoids discarding potential members of future melds, and considers your previous discard in this decision.

## Expert Skill Level

The opponent plays similarly to the "standard" opponent, except that all of the cards in the discard pile will be considered for melding. The discard decision considers all cards in the discard pile.

When in "expert" mode, the opponent will make two passes of its meld analysis of each combination - the first considering runs before same-kind melds, and the second vice-versa, to determine the better potential.

## Champion Skill Level

Champion mode is an extension to Expert mode, and includes features which are intended to make the opponent just a little more clever. The primary difference between Champion and the other skill levels (except Master), is that Champion will hold meldable cards in hand for a time, instead of playing them to the table, when it calculates that this is beneficial.

Other features included in Champion mode are:

- The opponent will avoid melding an Ace-Two-Three combination unless you have very few cards left in your hand
- The opponent remembers which cards you have taken from the discard pile and takes account of this knowledge when making the discard decision
- The opponent will calculate the probability of other cards being in your hand based upon what cards it hasn't yet seen and the number of cards in your hand compared with the number of cards in the stock
- The opponent will discard its higher value cards when you have very few cards left in your hand
- The opponent will go out as soon as it can in the hope of catching you with high points against you, even if it could have taken and melded more discards

*Note: You might find Champion mode easier to beat than Expert mode, depending upon your particular style of play.*

## Master Skill Level

Master skill level is the hardest to win against. It is an enhancement of the Champion skill level, and includes the following strategies:

- The risk calculation regarding taking cards from the discard pile is based upon how many turns have been played in the current round, as well as how many cards the player has in hand.
- Melding is minimized except toward the end of a round, or when the player has few cards in hand. When cards are taken from the discard pile, the selected card will be melded immediately (as required by the rules), but others may not. Four card melds will be played as soon as possible. By minimizing the number of melds, the opponent minimizes the player's ability to add cards to them.
- If any card in the opponent's hand is "dead" it will be discarded. A "dead" card is one that cannot be melded. For example, if all the eights and tens have been melded and two of the nines have been melded (as parts of runs), then the other two nines must be "dead".

## Color Melded Cards

When this option is selected, cards melded by the opponent will be displayed with a tinted, rather than white, card background. This allows you to see clearly which cards on the table were melded by the opponent, and which by the player. The option is selectable to display coloring all the time, or only at the end of a round. The tint color is selectable via the "Colors" option under the "Configuration" menu.

When not selected, melded cards are always displayed normally, with white backgrounds. This is the default.

A shortcut to this action is to click on the tinting symbol in the status bar. When this shortcut method is used, the change is not saved when "AutoSave All Options" is in effect.

## No Discard Highlighting

When checked, suppresses the highlighting of cards taken from the discard pile during the opponent's turn.

When unchecked, the opponent will highlight the card in the discard pile that it is taking and again as it is melded. This is the default.

## No Stock Highlighting

When checked, suppresses the highlighting of the stock when the opponent takes a new card at the start of its turn.

When unchecked, the opponent will highlight the stock when it takes a new card.



## Quick Display

When checked, Rummy 500 does not pause when the opponent is playing.

When not checked, the default, there will be a 400 millisecond pause after the opponent has taken a card (or discards), or has melded cards to the table. This is to allow you to more clearly see the opponent's actions, particularly on faster processors.

## Assistant Menu

*The following selections are available under the Assistant Menu:*

**AutoPlayer**

**Explain**

**Suggest**

**Swap Cards**

## AutoPlayer

The AutoPlayer is a capability used during the development and enhancement of the Rummy 500 skill levels. AutoPlayer puts Rummy 500 into a fully automatic mode whereby both the opponent's and the player's hands are played alternately by the computer.

AutoPlayer has now been included as an option into Rummy 500 because it is a valuable learning facility for new users who wish to watch the game being played before playing it themselves.

When the AutoPlayer option is selected, you may be asked if the updated scoreboard for the current player is to be saved. Respond "yes" if you wish to recover to the current state after AutoPlayer has finished, otherwise recovery will be to the point that the scoreboard for the current player was last saved.

You will be asked to define which of the six skill levels is to be used by the player. You may cancel at this point by pressing "Cancel". Note that the opponent will play at the skill level in operation when AutoPlayer is selected. Therefore you should change this before selecting AutoPlayer if and as necessary.

Once the player skill level has been selected and you have selected "OK", just sit back and enjoy the view. When you have seen enough, press the "Stop" button to the lower left of the table.

When it is stopped, AutoPlayer will display the scoreboard for the AutoPlay session. If the first game was not completed, this will be a scoreboard of the rounds played in the first game, otherwise it will be a scoreboard of the games played.

After the scoreboard is dismissed, Rummy 500 returns to the previous player's game.

## Explain

When this menu entry is selected, the "Assist!" window will appear.

The Assist! window is context sensitive and will describe your alternatives at the current state of play.

You may move the Assist! window by dragging its title bar.

You may click on the status message in the lower left of the Rummy 500 window as a shortcut to displaying the Assist! window.

## Suggest

When this menu entry is selected, Rummy 500 will examine your hand and display a reasonable series of actions for you to take. (Rummy 500 does not compromise its integrity by taking advantage of this knowledge when determining subsequent turns for the opponent.)

When it is your turn to take a card, the display will start with a suggestion as to whether you should take a card from the stock or from the discard pile.

If you can then meld a card or cards from your hand, instructions to this effect will be displayed.

Finally, if there would be a card or cards remaining in your hand, the display will suggest which card to discard.

Rummy 500 employs the same logic for providing the suggestion as it does for playing the opponent's hand. The skill level employed is above "Standard" but slightly below "Expert".

A shortcut to this action is to click on the Light Bulb symbol in the status bar.

## Swap Cards

Select this option if you wish to swap cards with the Opponent. Rummy 500 will then swap the cards currently in the player's hand with those in the opponent's hand.

The purpose of the option is as a learning tool. It is not intended to be used to distort your true scoring ability relative to your peers, as might be reported by the League Table and the Hall Of Fame.

## Rules Menu

*The default rules of Rummy 500 are those documented in "Hoyle's Rules Of Games" for the game formally known as Five Hundred Rum. Variations to these rules, as listed below, are available to support the methods employed by earlier versions of Rummy 500, and to support other reported variations.*

**Ace Must Be Low**

**Best Of 7 Rounds**

**Deal 7 Cards**

**Discard To Go Out**

**Meld Last Discard**

**Score 5-10-15**

**Save Rules**

## Ace Must Be Low

When this option is selected, Aces may only be melded by the player or the opponent as part of run including the Two and the Three of the same suit, or as a meld of three or four Aces. This is consistent with basic Rummy rules.

When this option is unselected, Aces may also be melded as part of a run including the King and Queen of the same suit. This is the default and is consistent with the documented rules of Five Hundred Rum.

When this option is selected the "Sort Ace Low" option of the "Player" menu is also automatically selected and disabled. When this option is unselected again, the "Sort Ace Low" option is automatically unselected and enabled.



## Best Of 7 Rounds

When this option is selected, each game is won by the first player to win four rounds, irrespective of the points score. Under these conditions, the display of previous points totals shown to the right of the table becomes a display of previous rounds won.

When this option is unselected, each game is won by the first to win 500 points. This is the default and the normal way of scoring a game.

The option is disabled if either player has already won four or more rounds of the current game.

## Deal 7 Cards

When this option is selected, the player and opponent are dealt seven cards each, as is documented as the rule for three or more players.

When this option is unselected, the player and opponent are dealt thirteen cards each. This is the default and is the documented rule for the two-player game.

## Discard To Go Out

When this option is selected, the player or the opponent must discard a final card in order to "go out" and end the current round.

When this option is unselected, either the player or the opponent may meld their last card and not have to play a final discard. This is the default and conforms with the documented rules.

## Meld Last Discard

When this option is selected, the last card played to the discard pile may be taken only if it can be melded immediately (as is the case for all earlier discards). In this case, selecting the last card highlights it in preparation for melding.

When this option is unselected, the last discard may be freely taken as an alternative to taking a new card from the stock. This is the default.

## Score 5-10-15

When this option is selected, the cards 2 through 9 are scored with a points value of five, as is an Ace melded as part of an Ace-Two-Three run.

When this option is unselected, the cards 2 through 9 are scored at their face value, and an Ace melded as part of an Ace-Two-Three run scores one point. This is the default and corresponds to the published rules.

In both cases, the cards 10 through King score ten points and an Ace scores fifteen points except when melded as part of an Ace-Two-Three run.

## Scoreboards Menu

The following selections are available under the Scoreboard Menu:

**This Game**

**Game History**

**League Table**

**Hall Of Fame**

**Reset Scoreboard**

**Save Scoreboard**

## This Game

Displays the winner, and the scores of the player and the opponent, for each of the previous rounds of the current game.

The display includes the date and opponent skill level for each round. If the player's scoreboard was started with an earlier version of Rummy 500 which did not record dates and skill levels, the scoreboard will be automatically converted to the new format. For these records, the opponent will be displayed as "Unknown" and the date will be displayed as "1/1/94".

The text colors (blue for wins, red for losses) may be changed via the Configuration menu.

*See also:*

**Skill Level**

## Game History

Displays the winner, and the scores of the player and the opponent, for all previous games played by the currently active player.

The display includes the date and opponent skill level for each game. If the player's scoreboard was started with an earlier version of Rummy 500 which did not record dates and skill levels, the scoreboard will be automatically converted to the new format. For these records, the opponent will be displayed as "Unknown" and the date will be displayed as "1/1/94".

A selection pad permits the display of the game history against the opponent at a particular skill level.

The text colors (blue for wins, red for losses) may be changed via the Configuration menu.

*See also:*

**Skill Level**



## League Table

Displays the following information for all players for whom a saved scoreboard file exists: Games Won, Games Lost, Points For, Points Against, Average (points for divided by games played)

## Hall Of Fame

From examination of all saved scoreboards, displays statistics such as highest and lowest scores for and against, narrowest and widest winning margins, etc.

## Reset Scoreboard

Select this option to reset your game scoreboard to zero. The game counter will return to game number 1.

If you are partway through a game, the scores of the previous rounds of the game are not cleared. Thus you can make the current game the first of your new scoreboard.

The previously saved copy of your scoreboard is not erased by this action. You must use the "Save Scoreboard" option to replace the previous scoreboard with the new one.

If you clear the scoreboard and decide you would have preferred not to have done so, exit Rummy 500 (or change players) and respond "No" when asked if the updated scoreboard is to be saved.

## Save Scoreboard

Select this option to perform an immediate save of the current scoreboard status (games and rounds) for the current player.

This option is useful if you are enjoying an extended session of Rummy 500 and don't want to wait until you exit Rummy 500, or change players, before your updated scoreboard status is safely saved to disk.

# Help Menu

## ***How To Use Help***

Describes how to use the Microsoft Windows help file capability.

## ***Using This Menu***

Displays this help window.

## ***Main Contents***

Displays the main Rummy 500 help window.

## ***Screen Layout***

Explains the screen layout of Rummy 500.

## ***Index***

Displays the index to Rummy 500 help.

## ***Glossary***

Displays the glossary of Rummy 500 terms.

## ***Search...***

Displays the topic search window.

## ***Order Form***

Displays a form for you to enter your name and address and print the order form to register Rummy 500.

## ***Enter Registration***

Permits you to enter or re-enter your registration number.

While Rummy 500 is unregistered, the five-second shareware notice will appear before each game. Registering Rummy 500 both makes your copy legal and removes this notice.

Should the Rummy 500 options data on your hard disk ever become corrupted or is missing, Rummy 500 will return to the unregistered status. In this case, you will need to re-enter your registration details.

## ***About***

Displays information about the version number and author, and the registration confirmation.

## ***Note:***

*Like many other Windows programs, Rummy 500 supports the "F1" function key to provide context sensitive help. You may press "F1" at any time to get help about the specific facility you are using. For example, pressing "F1" when in the sound options window will display the help information for setting the sound options.*



## Shortcuts

You may click on the following parts of the status bar in order to achieve the associated actions. You may also click on either of the scoremasts (where the Logo is displayed before one of the players wins the first game) to invoke the "Game History" scoreboard.

### *Status Message*

Click on the status message to display the "Assist!" window with more detail about the current alternatives.

### *Error Messages*

Click on an error message to clear it and see the underlying status message.

### *Light Bulb*

Click on the light bulb to get a hint. (Equivalent to "Suggest" under the "Assistant" menu.)

### *Undo*

Click on the undo symbol to undo your current turn and start over. Note that you cannot undo taking a new card from the stock. (Equivalent to "Undo" under the "Player" menu.)

### *Card Alignment*

Click on the card alignment symbol to switch between normal and staggered display of the player's hand. (Equivalent to the "Stagger Player Hand" option under the "Player" menu, except that the change is not automatically recorded when "AutoSave All Options" is in effect.)

### *Sort Order*

Left-click on the sort order symbol to switch between rank sortation and suit sortation of the cards in the player's and opponent's hands. (Equivalent to the "Sort By Suit" option under the "Player" menu, except that the change is not automatically recorded when "AutoSave All Options" is in effect.)

Right-click on the sort symbol to inhibit automatic sorting of the player's cards. The symbol will then be dimmed with an "X" over it. Right-click again to re-enable automatic sorting. These actions are equivalent to using the "No Sorting" option under the "Player" menu, except that the change is not automatically recorded when "AutoSave All Options" is in effect.

Note that when "No Sorting" is enabled, the ability to switch between rank and suit sortation is disabled.

### *Color Opponent Melds*

Click on the tint symbol to switch between white backgrounds and tinted backgrounds for cards melded by the opponent. (Equivalent to the "Color Melded Cards / Always" option under the "Opponent" menu, except that the change is not automatically recorded when "AutoSave All Options" is in effect.)

***Player Name***

Click on the player name to invoke the "Change Player" selection window.

***Opponent Skill Level***

Click on the skill level to invoke the "Opponent Skill" selection window.



# Strategies

## *Taking A Card*

Provided that the rule variation inhibiting the practice is not enabled, you should consider taking the last card from the discard pile as an alternative to a new card from the stock if the card increases the number of potential meld possibilities in your hand.

Remember, however, that the next unseen card from the stock may be equally or more useful. At champion skill level, the opponent rates the usefulness of the last discard based upon its proximity to other cards in the opponent's hand. The opponent will then only take the last discard if the rating is higher than a specified guideline. You might consider a similar strategy for your own play.

## *Selecting Discards*

Select and meld discards from the discard pile rather than taking a new card if the result will leave you with more net points (those you have melded less those left in your hand).

If the opponent has more than a few (say, five) cards in its hand, you might choose to end up with a worse net situation from taking the discards if there are a number of melds on the table to play to in subsequent turns.

Note that if the opponent only has one or two cards, there probably won't be many subsequent turns, and the excess cards in your hand will score against you.

The opponent, at average skill level and above, employs the same logic as described above.

As a general rule, it is better to take and meld discards than to not do so. You cannot score more than 90 points (four aces and three others at ten points) in a round if you only take from the stock.

## *Melding*

The advantage of melding is that you get cards out of your hand to count for you, which would count against you if the opponent empties its hand first.

The disadvantage of melding is that you provide the means for the opponent to empty its hand faster, as and when it can play to your melds.

Except when employing "Champion" or "Master" skill level, the opponent always melds when it is able to. At "Standard" skill level and above it takes cards from the discard pile with consideration to how many points it will have melded, how many left in its hand after melding the ones selected, and how many cards remain in your hand. Thus the opponent is more likely to pick up discards when you have more cards in your hand.

## *Discarding*

Select which card to discard based upon which is the least useful in comparison to others in your hand, and which is probably less useful to your opponent.

Remember, if the opponent has only one or two cards left, that aces will count fifteen points against you if the opponent melds its remaining cards on its next turn. Tens, Jacks, Queens and Kings remaining in your hand will score ten points against you.



## How To ...

### *How to change the default settings*

- 1 If you are not playing as "Player: Default", change to player "Default"
- 2 Make the setting changes you require to the menu choices
- 3 Select "AutoSave All Options" from the "Configuration" menu. This will save all option settings under the Configuration, Player, Opponent, and Rules menus.
- 4 Unless you wish it to be the default option, deselect "AutoSave All Options" from the "Configuration" menu and then select "Save Configuration".

NOTE: The default settings are used when a player does not have options settings saved under their own player name - for example when a new player is added - or when colors are reset to the local default settings. Default option settings are not used if a player has their own personal options saved.

### *How to save personal color and sound choices*

All options changed via the "Configuration" menu are saved by the "Save Configuration" option. Even though the color and sound settings are altered via their own setting forms, they are saved when "Save Configuration" is selected. However, if "AutoSave All Options" is selected under the "Configuration" menu, the changes to choices are always saved as they are changed.

### *How to recover a reset scoreboard*

Scoreboards are only permanently saved when you select "Save Scoreboard", or when you respond "Yes" when exiting Rummy 500 or changing players. If you have reset your scoreboard and would have preferred no to have done so, just exit Rummy 500 and respond "No" to the prompt "Save updated scoreboard...?" When you restart Rummy 500, your previous scoreboard will be active.

### *How to speed up the display*

The Rummy 500 and Gin Rummy user interface was originally developed for use on Intel 386-based systems. Considerable effort went into making the display of cards as fast as possible. By factory default, Rummy 500 is set to use the configuration settings for these slower systems.

However, more modern systems are much faster and generally include graphics accelerators. Therefore Rummy 500 and Gin Rummy include some advanced options that are only acceptable to many people when used on a faster system. If you find Rummy 500 slow to display, check that the "Trim Corners" option is not selected, and don't use the "Stagger Player Hand" option more than you need to. Both of these features are much more intensive of graphics processing.

Also intensive on graphics processing are the coloring of opponent melds and the automatic overlapping of melds. Therefore, turning off coloring (if you have it selected under the "Opponent" menu) and selecting the "Overlap Melds" option of the "Configuration" menu are other ways to speed up processing.

Also, consider selecting the "Quick Display" option under the "Opponent" menu if the opponent is too slow for your liking. This will remove the 0.4 second delay between the opponent's actions. However, you might then find it too fast! Selecting the respective "No Highlight" options under the "Opponent" menu will inhibit discard and stock highlighting and the associated 0.2 second delay.



# For The Technically Curious

Technical Construction  
Third Party Components  
Saved Information

## Technical Construction

Rummy 500 is programmed in Microsoft Visual Basic, Version 3.

Rummy 500 works from a bitmap of all the card images and makes extensive use of the Windows API Bitblt function. Because of this, Rummy 500 is fast, but consumes approximately 2 Megabytes of RAM and 18% of the GDI resource stack.

Starting with version 3.5, the bitmap is stored externally to Rummy 500 and is loaded at run time.

Alternative methods of managing the user interface proved to be more processor intensive and less conducive to fluid play. The trade-off was made for performance at the cost of resource consumption.

Rummy 500 was originally developed and tested on a 20MHz 386SX system with 5MB of RAM. Performance and fluidity of play was very satisfactory on this configuration. Since version 3.7, development has moved to a Pentium 60 with 8MB of RAM.

When in Expert, Champion and Master modes, the opponent will often "think" for up to thirty seconds on an Intel 386SX class processor. "Thinking" is almost instantaneous on an Intel Pentium processor.

## Third Party Components

Although Rummy 500 does not use a dll for card drawing (for performance reasons), Stephen Murphy's excellent freeware "qcard.dll" was used to create the bitmap which Rummy 500 uses. The card back designs included in qcard.dll were created by Daniel Di Bacco. Acknowledgments are extended to each of them.

3-D effects are provided using "VBCtl3D" by Bernd Beekes and Jeff Simms. This utility was selected for Rummy 500 as it provides an extremely full set of 3-D capabilities to Visual Basic programs.

The Rummy 500 help file was created using Firas Bushnaq's powerful "Visual Help".

VBCtl3D and Visual Help are shareware products licensed by the author.

## Saved Information

Information is saved between Rummy 500 sessions as follows:

### *Registration*

If you are a registered user, your name and encoded registration are stored in the [Rummy 500] section of RUMMY500.INI (in your windows directory).

### *AutoResume*

When AutoResume is active, the name of the last player is maintained in the [Rummy 500] section of RUMMY500.INI. The status of AutoResume is not saved independently. On start up, AutoResume is deemed to be enabled or disabled depending upon whether the name of the last player was saved. Thus AutoResume always recovers the state that it was when the previous session exited.

### *Custom Colors*

When custom colors are defined in the color selection window, they are stored in the [Rummy 500] section of RUMMY500.INI.

### *Player Options*

The options (configuration, opponent, and rules) for each player are saved in a section of RUMMY500.INI identified as pertaining to the player. For example, Jane's options will be saved in the section of RUMMY500.INI named "[Jane]". If a player has not saved personal options, the defaults stored in RUMMY500.INI under "[Default]" are used.

### *Player Scoreboards*

Each player's scoreboard is saved in the Rummy 500 directory as xxxxxx.scb, where xxxxxx is the player's name. Rummy 500 considers a player to be currently defined by whether a scoreboard file exists for the player, irrespective of whether options are saved for that player in RUMMY500.INI. An empty scoreboard file is created for a player when their name is added via the "Add Player" menu option.

If you wish to erase disastrous games from the scoreboard, you may edit your scb file with any text editor, such as Notepad. Each line of the scb file represents the scores for one game (stored in the order played) until the line that starts "-1,-1...", after which each line represents the scores for each round of the currently stored game (if any). To clear the scoreboard completely, use the "Reset Scoreboard" option of the "Scoreboards" menu.



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# Gin Rummy

Gin Rummy was first released by MeggieSoft Games in February 1995, and is the stablemate to Rummy 500.

From the early days of the Rummy family, the derivatives developed along two distinct paths. One path, which includes Gin Rummy and its variations, emphasizes going-out. The other path, of which Five Hundred Rum (or Rummy 500) is a well-known example, emphasizes the accumulation of points through melding.

Therefore, whereas Rummy 500 is oriented towards building the highest possible score from creating melds, Gin Rummy is oriented towards who goes out (knocks) first and who has the lesser amount of unmeldable points remaining in their hand (deadwood).

A round of Gin Rummy starts with each player being dealt ten cards. As the round progresses, each player picks up and discards similarly to Rummy 500, with the following differences:

- Only the last discard may be picked up as alternative to taking a new card from the stock
- Melds are only played when a player knocks. A player must have ten or less points of deadwood in order to knock. The knocking player then lays down their melds, and the other player follows by laying down their melds and "laying off" any other meldable cards they may have onto the knocker's melds. This ends the round.
- The points scored are based upon the difference in deadwood points between the players; plus bonuses for knocking, undercutting (having less deadwood than the knocker), and winning a game (first player to reach 100 points).

Gin Rummy supports all well documented variations including: Hollywood Scoring, Oklahoma Gin, and 11 Card Gins.

Gin Rummy uses the same basic Graphical User Interface (GUI) as Rummy 500. Thus the display and the use of the mouse is similar in both games.



**Cards In Hand Counter**

This counter displays the number of cards remaining in the Player's hand.

### **Card Sort Order**

Left-click on this symbol as a shortcut to changing the "Sort By Suit" option under the "Player Menu". When the cards are sorted by rank, the symbol represents the four suits. When the cards are sorted by suit, the symbol shows numbers (representing rank order).

Right-click on this symbol as a shortcut to changing the "No Sorting" option under the "Player Menu". The symbol will be dimmed, covered with an "X", and disabled until right-clicked again to reenable automatic sorting.

### **Card Stagger**

Click on this symbol as a shortcut to changing the "Stagger Hand" option under the "Player" menu. When the player's hand is normally aligned, the symbol is a staggered hand, and vice versa.

**Color Melds**

Click on this symbol as a shortcut to changing the "Color Melded Cards" option under the "Opponent" menu. When the opponent's melded cards are displayed normally, the symbol is a tinted card; when the opponent's melded cards are displayed tinted, the symbol is a white card

**The Discard Pile**

This is where each of the Player and Opponent discard a card at the end of their respective turn, and from where cards may be taken as an alternative to taking a new card from the stock.

### **The Game Counters**

These counters indicate the current game number, the current round number within the current game, and (optionally) the current turn number within the current round.

### **The Light Bulb**

Click on the Light Bulb (indicating an idea) as a shortcut to the "Suggest" option of the "Assistant" menu in order to receive a hint.

### **Melded Card Shading**

Click on this symbol as a shortcut to changing the "Color Melded Cards" option under the "Opponent" menu. When the opponent's melded cards are being tinted , the symbol represents a clear white card . When melded cards are not being tinted, the symbol represents a tinted card.



**Melds**

Melded cards which have been played to the table by either player.

## **The Menu Bar**

Click on one of the menu items on the left to see what choices you have.

### **The Net Points Counter**

This counter displays the current net points position of the Player. This is the difference between points melded and points left in hand, and would be the Player's score for the round if the round finished on the next turn.

## **The Opponent's Hand**

The cards currently in the Opponent's hand.

**The Opponent Melded Counter**

This counter displays the number of points earned by the Opponent for melding cards in the current round.

**Current Opponent Skill**

This part of the status bar shows the current opponent skill level. You may click on this as a short cut to changing skill levels.

## **The Player's Hand**

The cards currently in the Player's hand.

**The Player Melded Counter**

This counter displays the number of points earned by the Player for melding cards in the current round.



**Current Player Name**

This part of the status bar indicates the name of the current player. You may click on this as a shortcut to changing players.

**The Points-In-Hand Counter**

This counter displays the total points value of the cards in the Player's hand.

### **The Prior Round Totals Counters**

These counters are only visible after the first round of each game. They show the total points earned in prior rounds of the current game by the Player and by the Opponent.

### **The Rummy 500 Logo**

The logo is displayed on start up and during Game 1. Once Game 1 has been completed, the two logo displays are replaced by indicators of games won by the Player and the Opponent respectively.

## **The Status Display**

This area shows the current state of play, prompting the Player what to do next. Error messages are also displayed here. Error messages will disappear as soon as play continues, or if you click on the message.

## **The Stock**

The group of undealt cards, and the counter of how many remain.

**The Table**

The area where melds are played and cards are discarded.

**Undo**

Click on this symbol to undo your turn. This is a shortcut to the "Undo" action under the "Player" menu.



## **3-dimensional**

A particular style of visual user interface which displays sunken and raised effects using shades of gray, black, and white to provide shadows.

**author**

Rummy 500 © 1994,1995 MeggieSoft Games

## **AutoMouse**

The capabilities whereby the mouse pointer automatically moves between the deck and the player's hand as cards are taken and discarded and/or to and from messages and information windows.

## **defaults**

The saved option settings for a player named "Default". These are used if a player does not have their own saved default options. If the "Default" settings are not found on disk, Rummy 500's factory defaults will be used. The default settings are changed by changing the current player to "Default", setting the options, and saving them.

**discard pile**

The cards which the player and opponent have discarded from their respective hands.

**discarded**

Having moved a card from one's hand to the discard pile.

**discarding**

The act of moving a card from the player's hand on to the discard pile. This concludes the player's turn.

## **error message**

Error messages are displayed, with red highlighting, in the status bar. An error message will disappear as soon as you play on, or if you click on it.



**game**

In Rummy 500, a series of rounds which is concluded when either the player or the opponent has scored more than 500 points and the scores are not equal.

**hand**

The cards displayed above the top of the table (the opponent's hand) and below the bottom of the table (the player's hand).

**highlighted**

A card displayed in reverse-color (black as white, etc.).

**meld**

A set of matching cards played to the table. A meld can be either a run of cards of the same suit, or three or four cards of the same rank (or value). For example, the 8-9-10 of hearts would a valid meld, as would three jacks.

**melded**

Played to the table as part of an existing or new meld of three or more cards (either a run or of the same value).

## **melding**

The act of moving cards from your hand to the table in order to form a meld. A meld is a run of cards of the same suit or three or four cards of the same rank (or value).

## **menu option**

One of the entries in one of the drop down menus. Click on a menu entry to select it.

## **opponent**

The opponent is the computer.



## **options**

The custom selections which can be made by a player and stored as their personal defaults. Options include: colors, sounds, card design, opponent skill level, rule variations.

## **player**

A person who has been defined by name to play against the opponent. Only one player can participate at a time. Each player's personal options and scoreboards are stored independently from each other. (Depending on the context the term "player" may also include the opponent.)

**round**

A series of turns (alternating between player and opponent) which is concluded when the player or the opponent has either melded or discarded the last card from their hand, or when there are no more cards remaining in the stock.

## **Rummy 500**

The world's first shareware game of Rummy for Microsoft Windows.

## **scoreboard**

The record of a particular player's scores and the opponent's scores for games and rounds completed to date.

**skill level**

"Carefree", "Novice", "Standard", "Expert", "Champion", "Master".

## **status bar**

The area along the bottom of the Rummy 500 window where status messages, error messages, shortcut "buttons", and the current player name and opponent skill level are displayed.

**stock**

The undealt cards from which the player and the opponent take a new card to start their turn.



**table**

The area in the center of the display where the discard pile and melds are shown.

**wav file**

A file of a particular format defined for storing sounds. Rummy 500 can play sound files which are stored in wav file format.



