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Introduction

Bill Cammegh made his first roulette wheel in the Summer of 1989. Over thirty years later, and only a few miles from where it all started, Cammegh proudly continue Bill's work with a lasting commitment to making the world's finest roulette wheels.

Today Bill's sons, Richard and Andrew, direct a team of 30, including experts from the cutting edge of technology, mechanical engineering, and graphic design to create beautifully designed and precision-engineered gaming equipment to casinos all over the world.

Keeping precision engineering and creative innovation at the heart of what we do,

Cammegh has established an enviable reputation for producing the best roulette

wheels and displays: products that are highly valued and replied upon by the world's

most prestigious casinos.

Every Cammegh roulette wheel and display is assembled in the company's factory in Bethersden, Kent. With most components designed and manufactured in-house, Cammegh are able to control the production process to an unparalleled level, instilling absolute confidence in our products.



Precision Engineering

At the heart of Cammegh is a state-of-the-art CNC machine shop, where parts are ground to the finest precision tolerance from solid, high-tensile materials. Every detail, down to the curve of a ball stop or height of a separator, is precision-engineered for security and maximum performance.

Beautiful Design

Cammegh's complete control of the manufacturing process gives our creative team the freedom to design truly beautiful products. Cutting edge digital graphics blend seamlessly with hand-painted wheels and sculpted turrets to create a unique fusion of modern and classic.



35 Years of Experience

Three decades of specialising in the manufacture of roulette wheels has given us a deep knowledge of both the established and evolving demands of roulette. This experience explains why so many of the industry's fundamental technologies, such as in-rim sensors and contactless ball launch, were invented right here at Cammegh.



1989 First Wheel

Bill Cammegh makes his first roulette wheel at home in Kent



2001

Monte Carlo

First major order: 12 bespoke roulette wheels in Monte

Carlo



2003 Matrix Display

Cammegh's first Matrix Display enters the market, designed to integrate with the Mercury wheel



2005 Slingshot 2

Cammegh introduce the Slingshot 2, the only automatic wheel to keep the ball in view at all times

1990

Maintenance Free for Life

Cammegh design a highperformance rotor bearing that is maintenance free for life



2002

Mercury Wheel

The Mercury wheel is launched, with the world's first in-rim sensors in a manual roulette wheel



2003

Large Wheel & Display Order

Star City, then the UK's largest casino, orders 14 Mercury wheels and Matrix Displays



2006

Billboard Display

Cammegh's Billboard Display System enters the market, featuring fully customised HD graphics





2006 In-Rim Sensor

Cammegh launch the Mercury 2, with the world's first invisible in-rim sensor technology



2011 Las Vegas

Cammegh are awarded a Nevada gaming licence and enter the Las Vegas market



2014

Aurora & Halo

Cammegh illuminate roulette with the world's first glowing cone and race track



Tigers & Dragons

Cammegh's displays raise the bar with the development of proprietary transparent animation technology

2009

In-House CNC

Cammegh bring CNC machining in-house, allowing greater customisation and total control of the manufacturing process



2012

Mercury 360

Cammegh launch the Mercury 360, featuring network connectivity and high-speed result detection



2017

Random Rotor Speed

Cammegh patent RRS technology, adding security and game optimisation



2023

Fontainebleau

Las Vegas' newest luxury hotel & casino orders bespoke Mercury 360s and Billboard Displays









Classic

At the heart of all Cammegh's manual roulette wheels is the Classic, which offers all configurations and customisations, but includes no electronics for the purest roulette experience.

The Classic is manufactured from our very finest materials and incorporates Cammegh's trademark Garnite racetrack for maximum durability. To pair with a display, use Cammegh's EyeBall camera system.



The Classic above features Walnut Burl veneer with gold-plated turret and ball stops



Mercury 360

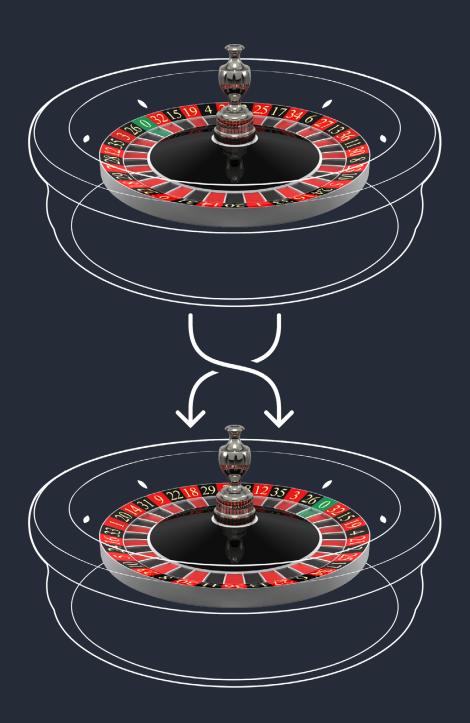
The Mercury 360 is the industry's leading intelligent roulette wheel, featuring an invisible suite of sensors that provides game reports, live data output and secure winning number detection. Cammegh's open data protocol, along with native support for the Billboard Display System, makes the Mercury 360 ideal for live casinos, online and electronic gaming terminals.

All customisations are available, in addition to unique Mercury 360 features such as Halo and Random Rotor Speed.



The Mercury 360 above features Mahogany veneer with nickel-plated turret and stainless steel ball stops





Random Rotor Speed

Cammegh's pioneering Random Rotor Speed (RRS) technology eliminates the threat of wheel clocking by randomising rotor deceleration after 'No More Bets'. By the time the ball lands, the rotor has imperceptibly slowed by up to a full revolution – all in total silence and without physical contact.

This extra layer of security allows bets to be placed later in the game for an added productivity boost.

RRS is retrofittable and can be added to any Mercury 360 that does not have the Aurora feature.



The graph above shows the rotor deceleration on a single wheel with RRS turned off (top line) and set to its maximum random deceleration (bottom line). The rotor starts at 20rpm for both games, but by the time the ball settles, up to a full revolution of variation has occurred.



Mercury 360 Halo

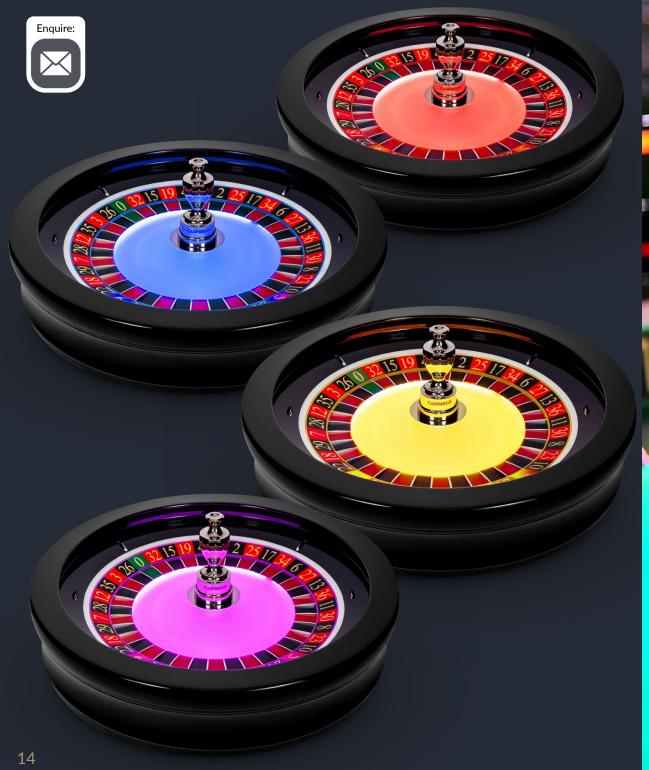
The Mercury 360 Halo adds a vibrant ring of light that chases the ball around the rim and dramatically changes colour at 'No More Bets'.

Additionally, the customisable colours can be used to denote table limits or simply enhance the look of the wheel.

Halo can be added to any Mercury 360, and pairs beautifully with Aurora for an even brighter experience. It can also be added to any Slingshot 2 in static-colour-only mode.



The Mercury 360 above features Santos Rosewood veneer with Halo and a scalloped separator ring







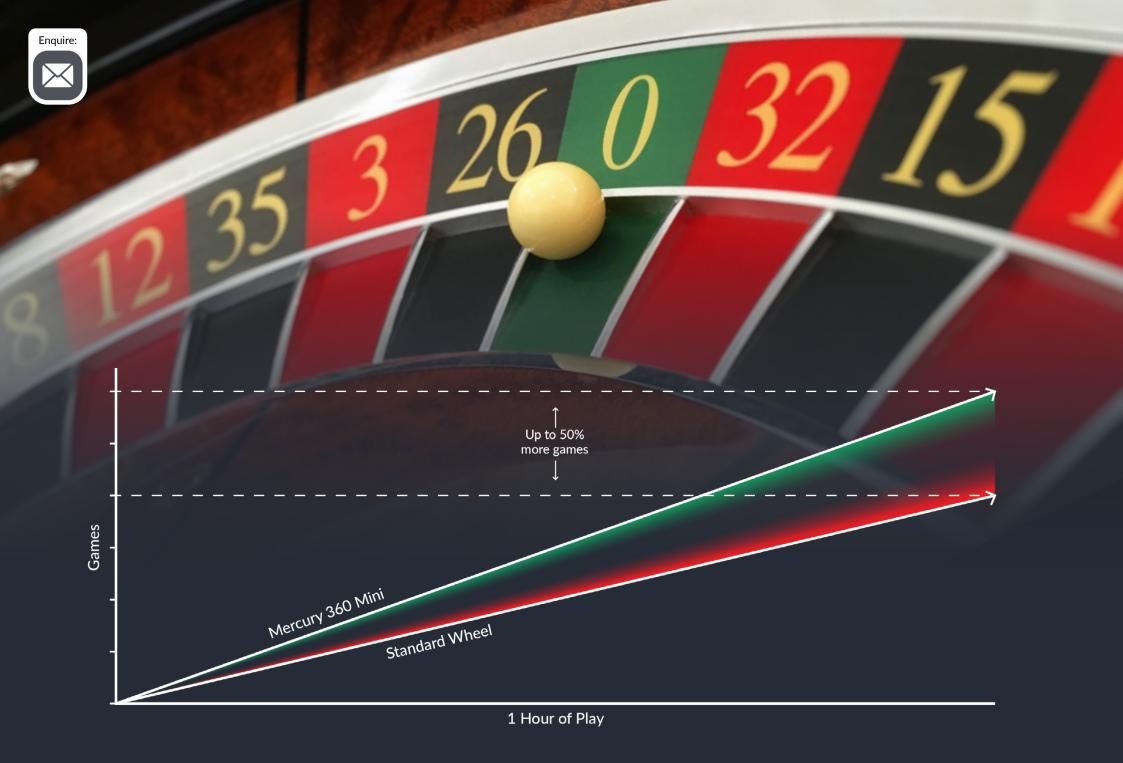


Mercury 360 Monaco

Paying homage to the game's French origin, the Monaco is a beautiful interpretation of Casino de Monte-Carlo's original roulette wheels, secured and enhanced by all the cutting-edge technology and connectivity of the Mercury 360.



The Mercury 360 Monaco above features Sapele veneer with gold tramlines, brass brightwork, 12 conical ball stops, custom number artwork and a continental-style turret with capstan



Mercury 360 Mini

To boost productivity and reduce its footprint, the Mercury 360 can also be produced at 75% scale. This reduces the diameter from 80 cm to 60 cm, creating tighter curves that subtly increase ball deceleration for a faster game.

When miniaturised, the Mercury 360 yields up to 50% more games per hour than a standard wheel, making it ideal for online and electronic gaming terminals.

All customisations are available, except for Aurora, Halo and RRS.









Continental

The Continental offers a truly authentic recreation of the traditional French roulette wheel, featuring shallower ball track, smaller rotor and deeper pockets than Cammegh's standard range. Electronics are excluded for the purest roulette experience, but game results can still be obtained via Cammegh's EyeBall system.



The Continental above features Mahogany veneer, 12 ball stops and a stainless steel continental-style turret with capstan



Crystal

With its transparent design, the Crystal looks breath-taking and inspires the utmost player confidence. Single pieces of solid acrylic make up the bowl and rotor, making the wheel both pristine and extremely hard-wearing. Electronics are excluded for the purest roulette experience, but game results can still be obtained via Cammegh's EyeBall system.



The Crystal above features nickel-plated turret and 8 stainless steel ball stops



Slingshot 2

The automatic Slingshot 2 uses air jets to elegantly capture and launch the ball, which remains in sight at all times. This transparency, coupled with its industrial levels of reliability make the Slingshot 2 perfect for use with electronic gaming terminals and online.

Three layers of security are built in: bi-directional ball launch, randomised launch speeds and Cammegh's Random Rotor Speed technology.

Podium-mounted and table-top variants are available, each with a wide range of customisations.

















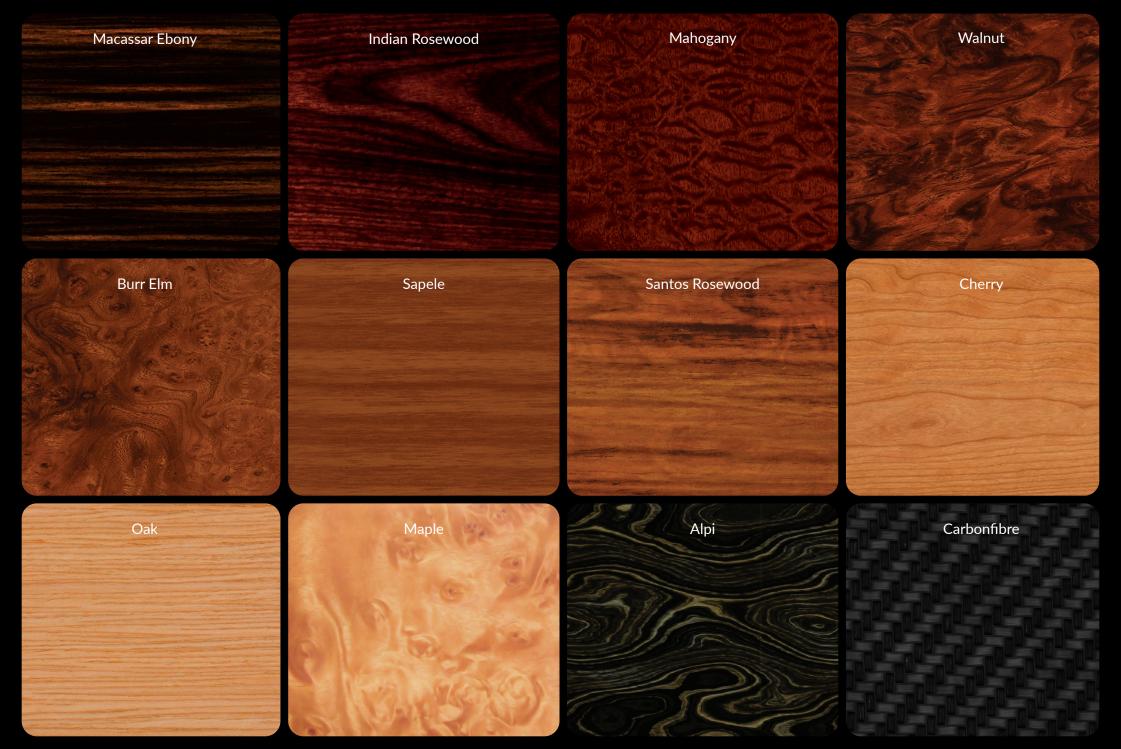
Wheel Customisation

From hand-sculpted turrets to bespoke lighting and number sequences, our enthusiasm for creating truly individual roulette wheels speaks for itself.

Cammegh offer a wealth of configurations as standard, and we relish the challenge of designing something new.



Natural Wood Veneers & Synthetic Finishes



Turret & Ball Stop Finishes

Other Customisations







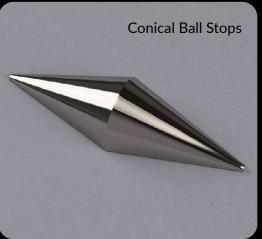






















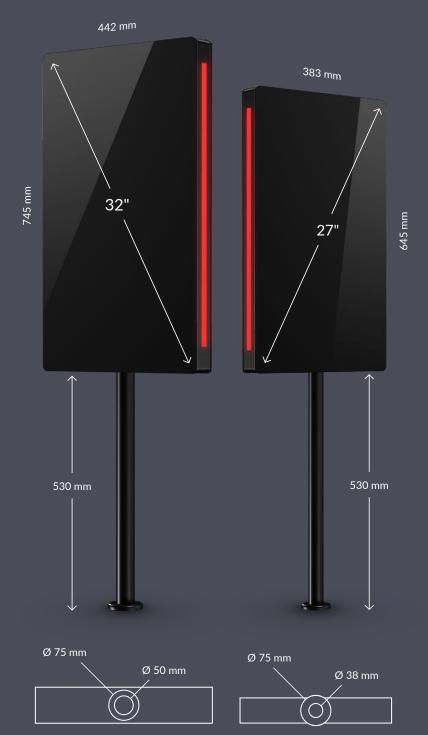




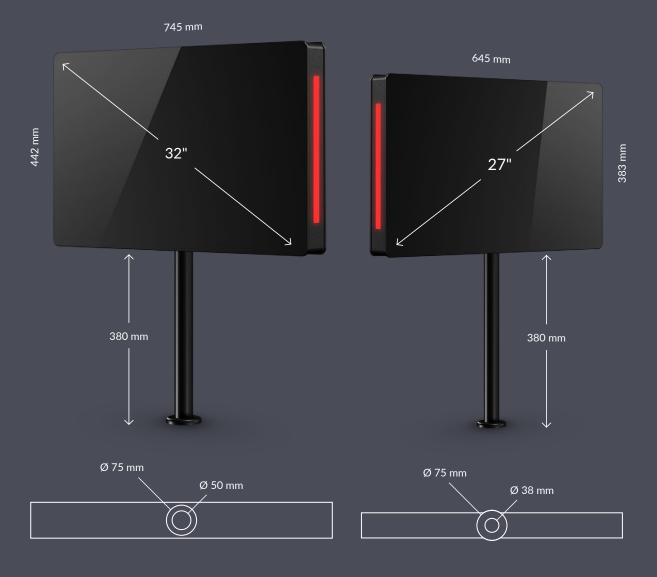


Table Displays





- Available in 27" and 32" sizes
- Portrait and landscape orientation
- All displays double-sided (back side either cloned or independent)
- Optional full-colour LED side strips
- Selection of finishes available
- Custom security camera housing available
- Custom pole lengths and fittings available



Billboard Display System

Cammegh's Billboard Displays emphasise flexibility and quality of graphics. They integrate seamlessly with casino-standard roulette wheels and electronic card shoes to provide the very best player experience for any table game.

Productivity and security features provide a boost for operators, while the industrial-grade hardware gives outstanding performance and reliability.

With the power of Cammegh's proprietary Billboard software, each display can host as many screen layouts as required, making it easy to switch games or treat VIPs to their own personalised display.

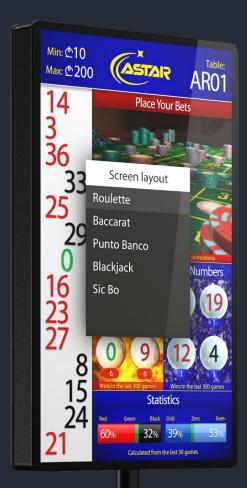


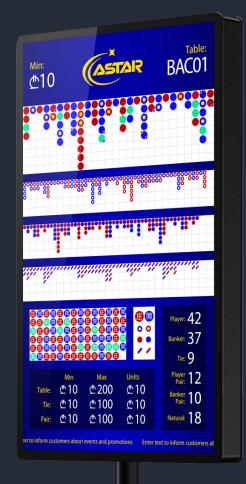
Screen Layouts

Screen layouts make it easy to change the graphics on a Billboard Display via the on-screen menu in order to distinguish gaming rooms, treat VIP guests and simplify management of the casino floor.

With all games and arrangements saved as screen layouts, each Billboard can be used anywhere in the casino, speeding up operational changes and making maintenance easier.

Screen layouts can be designed, added and updated at any time.









Camera Housing

Cammegh can provide custom solutions for the integration of 3rd party security cameras and other devices.



Pay Tables

Billboard Displays use colour to highlight table limits, helping players to find their table and operators to manage the floor. This feature seamlessly combines the LED side strips with the software graphics to create a single colourful experience.

Table limits can be linked to colours and saved as pre-sets, making them easy to access via the on-screen menu. Each set can be edited live at the table with optional password protection. Reserved and VIP options are available.















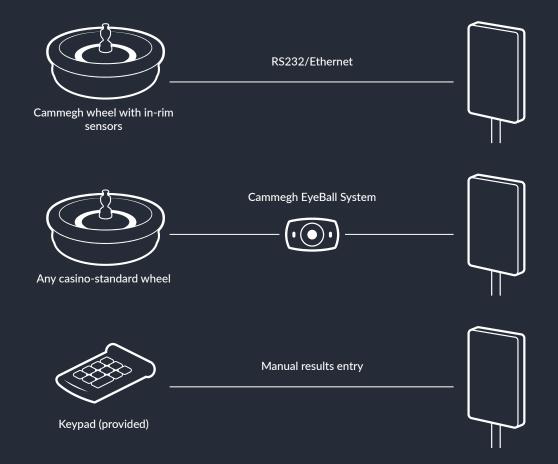


Roulette



When paired with a roulette wheel, the Billboard software provides a unique, individualised experience. Game results, statistics and promotional material appear in pin-sharp high definition, beautifully animated, while sophisticated game logging and live data export help to ensure the long-term health and security of the wheel.

Roulette results are read automatically from any casino-standard wheel, via the wheel's in-rim sensors or Cammegh's intelligent EyeBall camera system. They can also be entered manually using the keypad provided.

































Roulette Software Features

The huge range of features available in Cammegh's Billboard software provides the means to optimise, customise and secure any roulette table. When configured for roulette, Billboard Displays offer the following features (amongst many others):



Number Stack shows the most recent winning numbers



Patterns highlights less obvious trends and patterns in the number stack



Live Video plays video from a UDP stream or capture device



Hot & Cool Numbers show numbers with the most and fewest wins



Screen Layouts allow each display to hold all required games and variants



Game Logging saves an XML log for each game for use in analysis software



Drought shows which number has gone the longest without winning



Pay Tables displays table limit pre-sets and can be linked to LED Strip colour



Dealer Log-In displays the dealer name onscreen and in game logs



Chaser shows which number came next, last time the current number won



Productivity Timer helps dealers meet the required games per hour



Menu PIN Access restricts access to sensitive menu options, as required



Statistic Bars show the proportion of wins for all outside and section bets



Rotor Speed Warning helps dealers optimise the rotor speed



Camera Housing can be made to order for custom cameras



Wagon Wheel shows the most recent winning numbers in a radial graph



Multiboard shows the live results from multiple tables on one screen



Bar Graph shows the most recent winning numbers in a straight graph



Chip Tree shows a sorted list of player chip values and/or cash chips



Trends shows the number of consecutive wins for standard bet types



Regional Support allows a variety of languages and currencies to be used

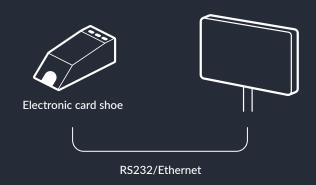


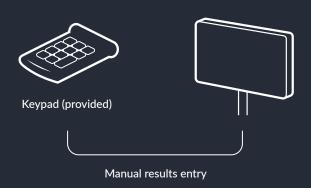
Baccarat



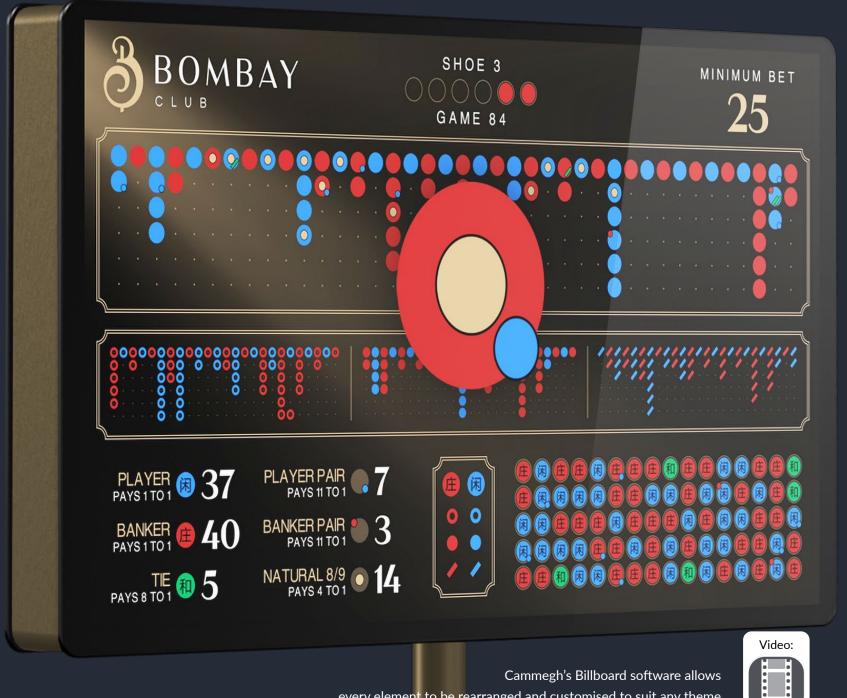
Baccarat has never looked more stunning than it does on Cammegh's Billboard Display System. By mixing traditional Chinese elements with cutting edge technology, the Billboard software produces a beautiful yet respectful Baccarat experience for old and new players alike, filled with exciting, slot-quality animations and all the latest side bets. Custom animations can be used to highlight special results, and trends can be highlighted in the graphics and using the LED side strips.

Game results are read automatically from all major electronic card shoes and can also be entered manually using the keypad provided.

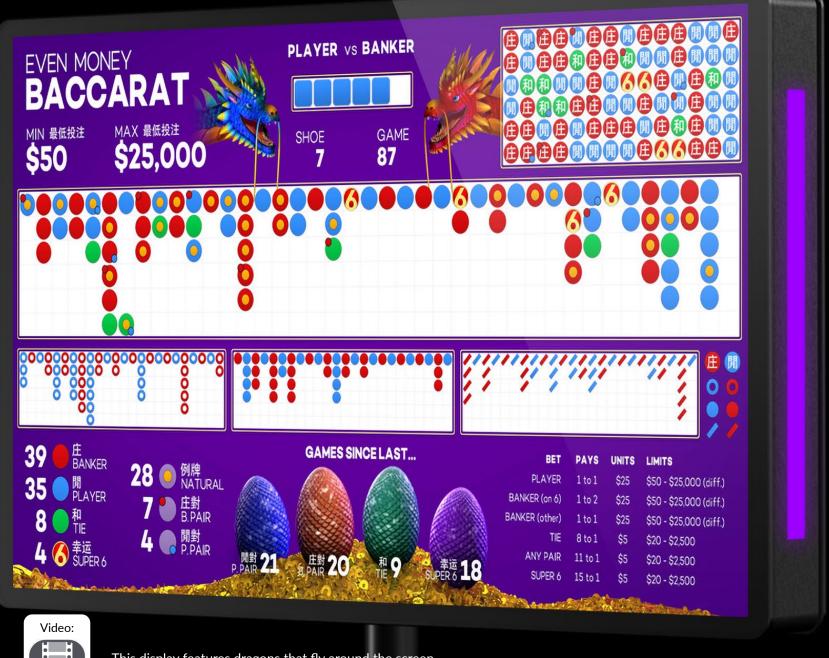




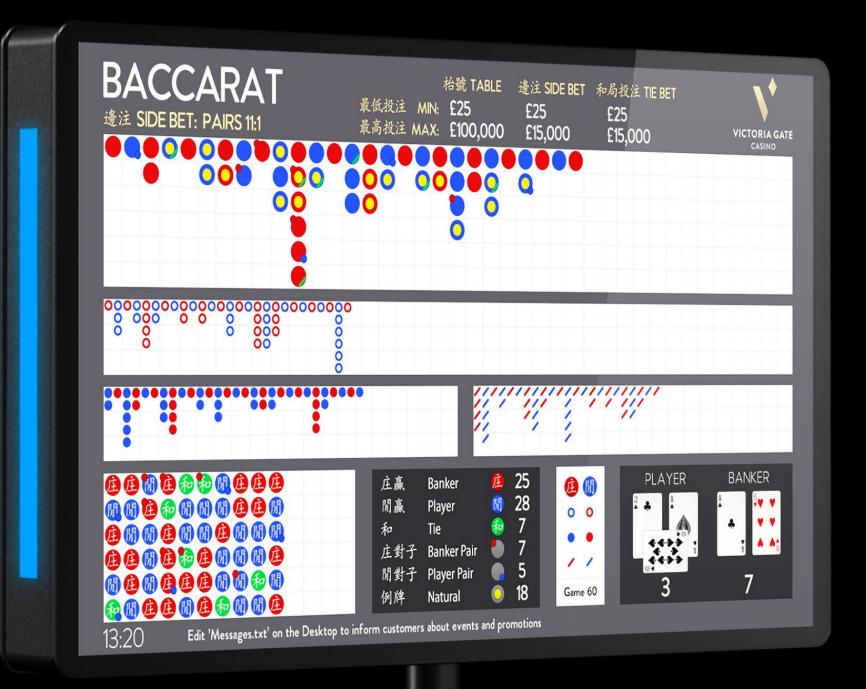




every element to be rearranged and customised to suit any theme



This display features dragons that fly around the screen when trends occur, and eggs that shower gold coins when a side bet wins



Cards can be read from all major electronic card shoes and optionally displayed onscreen when the result button is pushed

Baccarat Software Features

The huge range of features available in Cammegh's Billboard software provides the means to optimise, customise and secure any baccarat table. When configured for baccarat, Billboard Displays offer the following features (amongst many others):



Main Road shows all results in the traditional Chinese arrangement



Patterns highlights less obvious trends and patterns in the main road



Regional Support allows a variety of languages and currencies to be used



Small Roads and predictor allow players to identify trends



Punto Banco Mode displays results in the traditional European arrangement



Live Video plays video from a UDP stream or capture device



Manual Road shows all results together so trends can be found



Screen Layouts allow each display to hold all required games and variants



Game Logging saves an XML log for each game for use in analysis software



Scores displays the score and/or percentage for every result type



Pay Tables displays table limit pre-sets and can be linked to LED Strip colour



Dealer Log-In displays the dealer name onscreen and in game logs



Statistic Bars show the proportion of wins for Player, Banker and Tie



Productivity Timer helps dealers meet the required games per hour



Menu PIN Access restricts access to sensitive menu options, as required



Side Bet Meter animates to build excitement until a side bet wins



Card Display displays the final cards when a card shoe result button is pushed



Camera Housing can be made to order for custom cameras



Trend Bar shows the current trend length and optionally triggers animations



Multiboard shows the live results from multiple tables on one screen





Multiboard



Multiboard shows the live results from multiple tables on one display so players can monitor their table while playing elsewhere or taking a break. It can be shown on a dedicated display (e.g. mounted above the casino bar) or integrated into the graphics of another Billboard.

For Baccarat, Multiboard can display the traditional Chinese main road from each connected table, along with the table's name, statistics and open/closed status. Trends can be highlighted with colours and effects in order to entice players in from other tables.









< Blackjack

The dealer's blackjack results can be entered manually through the Billboard's numeric keypad.

Result animations, statistics and a history stack can be incorporated into the display. Graphics and animations can be customised as required.

Sic Bo >

Dice values for sic bo can be entered manually using the Billboard's numeric keypad, which animates the on-screen pay table to stylishly highlight winning bets.

Statistics for 'Big', 'Small' and 'Triple' results can be added, along with a comprehensive results stack and customised dice animations.

Other Games

Cammegh's Billboard Display System is flexible enough to be used for almost any other game.

Contact us to ask what we can do for your table game.



Single-Zero Example

Double-Zero Example



400 to 1 12.13%



320 to 1 11.08%



100 to 1 11.47%



140 to 1 12.12%



2 to 1 7.96%



2 to 1 6.51%



1 to 1 11.03%



1 to 1 9.14%



3 to 1 9.42%



3 to 1 12.74%



100 to 1 11.47%



180 to 1 12.26%



400 to 1 12.13%



420 to 1 12.54%

"Spread-Bet Roulette has proven to be very popular with a large proportion of our customers"

- Michael Branson, C.O.O. Gaming, Crown Aspinalls





Place your bets on one or more of the Spread-Bet spots on the table



When a game starts, the Spread-Bet rings start spinning...



...and stop at 'No More Bets', putting them into a random alignment



When the ball lands, the winning number is **added** to its aligning number



If the sum lies within your spread, you win at the odds shown





Enquire:

Spread-Bet Roulette transparently generates a bonus number from 0 - 72, enabling high payouts at an increased house edge. Two

concentric roulette number rings appear on the display, spinning in opposing directions. At 'No More Bets', both rings stop, randomly aligning the numbers.

The winning roulette number then determines which two aligning numbers are added together to make the final Spread-Bet value. Players bet on the spread into which this value falls.

Spreads, house edges and graphics can be extensively customised.

Equipment

Spread-Bet Roulette comes with a new table layout and a Billboard Display (or a new screen layout) to generate the winning spreads.







Buy in by betting on the special '0-0' Spread-Bet spot



When the Spread-Bet rings align at 'No More Bets', if the numbers line up...



...and the ball lands in zero...



...you get the Qualifying Jackpot and a Gold Chip



Use your Gold Chip to bet on a single number



If that number wins, you've won the Gold Jackpot



Enquire:

Spread-Bet Bonanza is an exciting new expansion for Cammegh's popular side bet, Spread-Bet Roulette. Available for both new

and existing installations, Bonanza gives players the chance to win progressive prizes and fixed pay-outs without affecting the traditional game.

Jackpots, re-seed values and house edges can be extensively customised to suit any installation. Players can re-buy at any stage — even if they already have chips in play.

Equipment

Spread-Bet Bonanza comes with a new table layout, a set of silver and gold chips, a jackpot server and a dealer tablet to conduct the game.

A Billboard Display shows the jackpots, buyins and each player's progress.







Win a **Six Line** bet to **qualify** for the jackpot rounds, then...





...win a **Street** bet to win the **Bronze Jackpot**, then...





...win a **Split** bet to win the **Silver Jackpot**, then...





...win a **Straight Up** bet to win the **Gold Jackpot**





Cammegh Roulette Gold is a progressive that invites players to win customisable jackpots through a series of familiar bets.

By relying purely on the traditional game (no RNGs), Roulette Gold is intuitive for newcomers, while also allowing veterans to play their favourite numbers.

Jackpots, re-seed values and house edges can be extensively customised to suit any installation. Players can re-buy at any stage — even if they already have chips in play.

Equipment

Roulette Gold comes with a new table layout, a jackpot server, a set of bronze, silver and gold chips to play for the jackpots, and a dealer tablet to conduct the game.

A Billboard Display shows the jackpots, buyins and each player's progress.



Example Symbol Sets 500 to 1 9.79% 1000 to 1 8.36% 100 to 1 9.69% 100 to 1 9.07% 3 to 1 9.68% 3 to 1 9.05% 1 to 1 9.67% 1 to 1 9.05% 2 to 1 9.67% 2 to 1 9.05% 100 to 1 9.69% 250 to 1 9.23% 500 to 1 9.79% 750 to 1 9.47% Payouts, house edges and symbol graphics can be extensively customised.



Place your bets on one or more of the Lucky Symbols bet spots



The display's slot reel starts spinning when a game begins...



...and shows the winning symbol when the ball lands



If your symbol wins, you are **paid out** at the odds shown





Enquire:

Lucky Symbols allows players to win high payouts at an increased house edge. Bet spots are added to the table layout (each with

a bespoke Lucky Symbol) and a slot reel animation on the display selects one symbol per game. Players that have placed bets on the winning symbol are paid at the odds shown.

The side bet is powered by Cammegh's GLI-approved Bonus Numbers feature for the Mercury 360. Payouts, house edges and graphics can be extensively customised.

Equipment

Lucky Symbols comes with a new table layout, featuring bespoke bet spots, and a Billboard Display (or a new screen layout) to show the winning symbol.

A Mercury 360 and Bonus Numbers licence are required.







Place your bets on the DoubleShot grid (straight-up, split or corner)



The display's slot reel starts spinning when a game begins...



...and shows the winning

DoubleShot Number

when the ball lands



If the DoubleShot and roulette numbers match...



...winning DoubleShot bets are **paid** at the odds shown



Enquire:

DoubleShot adds a second winning number to roulette, allowing players to bet on number matches at an increased

house edge. A small secondary grid on the table layout accommodates corner, split and straight-up matches that pay out at 300, 600 and 1200 to 1 respectively.

A slot reel animation on the Billboard Display randomly selects one DoubleShot number per game - if this matches the winning number on the wheel, players with DoubleShot bets covering this number are paid at the corresponding odds. The side bet is powered by the Mercury 360's GLI-approved Bonus Numbers feature.

Equipment

DoubleShot comes with a new table layout and a Billboard Display (or a new screen layout) to show the winning DoubleShot number.

A Mercury 360 and Bonus Numbers licence are required.







Place a traditional bet before buying in to Spread-Bet Baccarat

Bet on a spread for either Player or Banker

When the winning hand is revealed, its card values are added together

If the sum lies within your spread, you win at the odds shown

Spread-Bet Baccarat

Enquire:

Spread-Bet Baccarat invites players to bet on the sum of the winning hand, adding variety for the player and an increased house edge for the casino — all without affecting the traditional experience of the game.

A new table layout is provided, featuring the Spread-Bet Baccarat bet spots, either separate for Player and Banker (as shown left) or combined.

Results can optionally be displayed on the Billboard Display, either via electronic card shoe or manual entry.







Place a traditional bet before buying in to Spread-Bet Blackjack

Bet on a spread before any cards are dealt

When your hand is dealt, its card values are added together

If the sum lies within your spread, you win at the odds shown

Spread-Bets are paid out before the first player chooses whether to receive another card



Spread-Bet Blackjack



Spread-Bet Blackjack invites players to bet on the sum of their first two cards, adding variety for the player and an increased house edge for the casino — all without affecting the traditional experience of the game.

The side bet can be added to any blackjack table that uses a continuous card shuffler.

A new table layout is provided, featuring the Spread-Bet Blackjack bet spots, either separate (as shown left) or combined into a single bet spot, for easy integration with other side bets.





Wheel Level



The Cammegh wheel level has an elegant two-piece design for exceptional durability and longevity.

The two arms are connected with magnets to prevent the gradual loss of tension that occurs in classic spring levels.

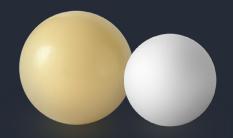
The device works with all casino standard roulette wheels. It is assembled by snapping the arms together, then inserted into the inner rim and read using the integrated spirit levels.

Cammegh recommend weekly checks to ensure all wheels are level and reduce the risk of bias.



Roulette Balls

Roulette balls are available in 21 and 18 mm sizes. Ivorine balls replicate the traditional ivory look and feel, offering a higher bounce for increased ball scatter. Teflon balls are softer, producing a quieter, faster game for increased productivity. Signature UV-marked balls are available on demand.





Chips

Cammegh's partnership with some of the world's leading chip manufacturers allows us to offer high quality wheel checks and cash chips with tremendous flexibility in design and the best security features.



Wheel Covers

Security covers for manual Cammegh wheels come in perspex and fabric designs (perspex shown). Both are lockable and incorporate security tags. Fabric covers can be customised extensively.



Dollies

Dollies are available in the shape of a miniature Cammegh turret or a modern geometric design in clear acrylic. Custom finishes and bespoke designs are available on request.



TD3 Keypad

The TD3 Keypad provides quick access to a number of Baccarat and Roulette functions, such as results entry, table limits and open/closed status. LED back lighting glows red or blue when a Baccarat result is entered.



Table Layouts

High quality bespoke table layouts are available on request.



Technical Services

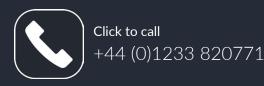
Cammegh offer a committed support service to all customers, from point of sale throughout the product's lifetime.

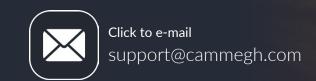
The Technical Services team prides itself on personable contact and rapid fault resolution through a variety of remote and on-site services. Customers across the globe can enjoy friendly, professional assistance from a team with many years of expertise in table gaming operations.

Services include:

- Online remote support
- Telephone support
- On-site installation
- Routine controlled maintenance
- Technical troubleshooting
- OEM spare parts
- Technical training
- 3rd party systems integrations

Contact Cammegh Technical Services:







CAMMEGH The World's Finest Roulette Wheel

2024