The mobile phone that lets you cheat at ANY card game: Handset has secret sensors to read cards

- Researcher shares a cheating device that is almost impossible to detect
- Eli Bursztein purchased what looks like a Samsung smartphone for $1,300
- Has a hidden camera and IR LEDs on the side to read each card in the deck
- Sequences of black spots created by the IR shows the suit and value
- Everything is then displayed in an app on the device for players to read

By STACY LIBERATORE FOR DAILYMAIL.COM

Counting cards, hand mucking and bottom dealing are all common ways to cheat while playing card games, but are also easily detected.

Now, a Google researcher has revealed a gadget that looks and functions like a smartphone - but with software and hardware designed for cheating at cards.

An app reads markings on each card with a hidden camera, and can analyse the patterns to determine the card's suit and value to help the player decide their next move.

Scroll down for video
A researcher shares a cheating device (pictured) that looks like a smartphone, but has software and hardware dedicated to cheating. The app reads markings on each card with a hidden camera, in order to determine the card's suit and value.

HOW DOES IT WORK?

After you’ve decided on a game, the software sends you to the main cheating screen.

The top area of the screen shows a view of the deck, which is gathered by a secret camera embedded on the side of the device.

The image shows the top of the deck on the right of the screen and the bottom on the left.

The bottom of the app screen shows users the details of the game – how many players, type of game, if the haptic feedback device is connected and who is winning.

When illuminated by the IR LEDs, a sequence of black spots is created that is captured by the camera – this determines the card’s suit and value that is then captured by a hidden camera.

Eli Bursztein, leader of Google's anti-abuse researcher team, shared his experience with a cheating device he purchased online.

‘Upon ordering the poker cheating device I kinda expected, based on the screenshots I had seen early on, to get a dedicated piece of hardware that kinda looked like a fake phone,’ he wrote in a recent blog post.

‘However, to my surprise, the device, showcased in the picture above, far exceeded my expectations by being a fully functional phone with extra hardware dedicated to cheating.’

Bursztein states the device does in fact act as a fully functional phone - users can make calls and use their favorite apps.

The cheating device looks similar to a Samsung smartphone, in both the outside design and user interface.

It is also equip with 8GB of storage and 1GB of RAM, and Bursztein says the only way anyone would question this phone as being a cheating device is if they notice it runs with a custom Chinese 4.2.2 ROM.
The hardware used for cheating is powered by a custom Android app through a unique kernel module.

Other than the dedicated app, which is named ‘game’, there is no way to interact with the hardware.

When users launch they app, they are asked to sign in with a password.

The hardware used for cheating is powered by a custom Android app (left) through a unique kernel module. When users launch they app, they are asked to sign in with a password (right) and the password is given to the buyer when they receive the device.

HOW CARD COUNTING WORKS

In Blackjack, the aim of the player is to achieve a hand of cards whose points add up nearer to 21 than the dealer’s hand, but without exceeding 21.

Card counting is based on the fact that a large proportion of high cards (such as tens, jacks, queens and kings, which are all worth ten points) left in the unplayed deck statistically improves the player’s chances.

This is because a player can decide not to draw a new card to a hand such as 16, but the casino is forced to, as it follows strict rules.

If there are a high proportion of high cards left in the unplayed deck of cards, the dealer has more chance of busting (going over 21).

This can be combined with ‘basic strategy’ – developed from computer simulations of millions of blackjack hands – which tells the player the best action to take for each possible card combination.

‘As a security measure against the device being lost in transit, this password is communicated to the buyer only when they have confirmed that they have received the device,’ shares Bursztein.

‘Ironically, there is a hardcoded backdoor password in the app, which makes this security measure pointless if you know the backdoor password.’

There are six icons in the main menu, but only two of them are deemed important by Bursztein: the game hall, which allows users to configure the device; and the purchased screen, which activates the cheating device for a given game.

Users will find all of the supported games in the ‘game hall’, which has about 100 different games to choose from.
The setting screen is where configuration is carried out such as connect to accessories and how the prediction of the winner is reported.

The top area of the screen shows a view of the deck (pictured), which is gathered by a secret camera embedded on the side of the device. The image shows the top of the deck on the right of the screen and the bottom on the left. The bottoms shows details and the cards.

**HOW TO COUNT CARDS**

Assign a value to each card in the pack.

Mentally keep a 'Running Count' of all the cards that are played.

The total provides what's known as a 'true count' for each deck of cards.

Change your bets as the true count rises.

A a simple example: A player, playing basic strategy, is dealt a ten and a six.

One of the dealer's cards is visible to the player, and it shows a three. Another is hidden.

The player would typically stand on the hope that the dealer's hidden card is a high number and that will draw a ten and bust.

A dealer must hit up to a soft 17, and if a dealer holds a soft 16, he has to hit.

However, if the player was counting cards and knew there were low cards in the deck, the player could draw another card safely.

For example, users can customize the device to continuously tell them who is winning the game or just tell them once.

And the purchase screen lets users choose which game the device is to analyze.

After you've decided on a game, the software sends you to the main cheating screen.
The hidden camera is placed on one side of the device and the infrared filter has been taken out so it can understand IR light. There are also three hidden IR LEDs positioned near the camera that illuminate the deck to make the markings on the card visible.

The best way to illustrate this behavior is to take a picture of the device while it is powered on in the dark with a camera with no IR filter. Doing so, as you can see, the three LEDs are clearly visible (pictured).

The top area of the screen shows a view of the deck, which is gathered by a secret camera embedded on the side of the device. The image shows the top of the deck on the right of the screen and the bottom on the left.

'This image is mainly used to adjust the device relative to the deck to ensure the cards are read accurately,' shares Bursztein.
Hacking online poker games

The spyware is called Win32/Spy.Odlanor.

Like other computer trojans, Win32/Spy.Odlanor can be unwittingly installed on a computer if the user downloads infected apps or software online.

Once installed, the Odlanor malware is used to create screenshots of the window of the two targeted poker clients, PokerStars or Full Tilt Poker, if the victim is running either of them.

The screenshots are then sent to the attacker's remote computer.

These screenshots not only reveal the hands of the infected opponent but also their player ID.

Both of the targeted poker sites - PokerStars and Full Tilt Poker - let players search for others using this ID, so it is easy for a hacker to connect to tables the victim is playing on.

‘With a little practice, it is actually fairly easy to position the device without the help of the camera view.’

Now, the bottom of the app screen shows users the details of the game – how many players, type of game, if the haptic feedback device is connected and the results.

The sequence of black spots are created by the IR illumination, illustrated in the image pictured, and is read remotely by the cheating device to infer a card’s suit and value. You can think of those markings as invisible barcodes.

Each card has a unique code, as visible in the photo above, which shows the markings for the six of hearts, six of clubs, six of diamonds, five of diamonds and five of hearts. These markings are repeated on each side of a card.

The hidden camera is placed on one side of the device and the infrared filter has been taken out so it can understand IR light.
There are also three hidden IR LEDs positioned near the camera that illuminate the deck to make the markings on the card visible.

‘A neat trick is that the phone housing is made of IR passband plastic: while the side of the phone appears to be solid and opaque, in reality it allows IR light to pass through,’ says Bursztein.

Removing the enclosure reveals, as visible in the photo above, that the secret camera is connected to a dedicated chip. Removing the black tape on the top left corner reveals the IR LEDs, as visible in the screenshot below.

‘The best way to illustrate this behavior is to take a picture of the device while it is powered on in the dark with a camera with no IR filter.’

‘Doing so, as you can see, the three LEDs are clearly visible.’

However, what pulls the entire system together is a special deck in which the four edges of each card are marked with IR absorbing ink.

When illuminated by the IR LEDs, a sequence of black spots is created that is captured by the camera – this determines the card’s suit and value.

‘Each card has a unique code, as visible in the photo above, which shows the markings for the six of hearts, six of clubs, six of diamonds, five of diamonds and five of hearts,’ says Bursztein.

‘These markings are repeated on each side of a card.’
The mobile phone that lets you cheat at ANY card game | Daily Mail Online

Read more:
Full(er) House: Exposing high-end poker cheating devices

Share or comment on this article

10 shares

Sponsored Links by Taboola

Remember Her? Take A Deep Breath Before You See What She Looks Like Now
Miss Penny Stocks

Why Is This Never Mentioned About These Conjoined Twins?
IG Critic

This Photo Has Not Been Edited, Look Closer
HistoryInOrbit.com

“My 600lbs Life” Before And After Photos Will Rock Your World
TeleHealthDave

This Toxic Vegetable Is The No. 1 Danger In Your Diet
Gundry MD

13 Of The Most Attractive Female Billionaires
Trendchaser

Plastic Surgeon Reveals: “You Can Fill In Wrinkles At Home” (Here’s How)
Beverly Hills MD

Stereotypical America Perfectly Portrayed By These Photos
Frank151

23 Baby Names Parents Say They Regret Giving Their Kids
CafeMom

Her Finest Hour! Lily James sets tongues wagging as she sports HUGE diamond ring on her wedding finger while walking the BAFTAs red carpet in ballgown

Karen Gillan turns heads in a semi-sheer black mulet hem dress as she joins in the Time’s Up BAFTA protest
The actress is 30

“We’re fed up with not being treated the same.. change WILL happen”: Actresses line up on the BAFTA red carpet to declare ‘Time’s Up’ for sexism in the film industry

Leggy in leather! Charlize Theron cuts a chic figure in skintight black trousers at Daytona 500
She is the race’s honorary starter

ABS-olutely fabulous! Victoria’s Secret models Jasmine Tookes and Taylor Hill flaunt their incredible figures for sultry shoot in Miami Bikini bodies

Casual smooch between gay US skier Gus Kenworthy and his lover on live TV is hailed as important LGBTQ moment

The mobile phone that lets you cheat at ANY card game | Daily Mail Online

U.S. Cardiologist Warns: Stop Taking Probiotics Immediately

Gundry MD

Do You Know These 4 Dangerous Heart Attack Signs.

Physio Tru Supplement

Andy Griffith Ruined More Careers Than Any Other Show

Trendchaser

MOST READ NEWS

Swansea Campus evacuated as

Emergency services at scene of Horsham level 3

Theresa May rejects the call for her to resign

Trump arrives in Florida amid Mueller

Sponsored Links by Taboola

Comments 3

Share what you think

Newest | Oldest | Best rated | Worst rated

The comments below have not been moderated.

Dead Cat Bounce, Springfield, United States, 1 year ago

Use my deck please dealer and I'll keep watching my screen that I've covered up so you don't notice it reading the cards.....genius!

Click to rate 2 1

ewaf88, London, 1 year ago

All well and good but just don't use the casino where Nicky Santoro and Sam 'Ace' Rothstein work.

Click to rate 2 2

Flap Zappa, inatlap FM, United Kingdom, 1 year ago

So to cheat you need to use a special pack of cards and hope the dealer does not notice the software running on the phone or you constantly checking the phone. What on earth could go wrong with that.

Click to rate 2 0

The views expressed in the contents above are those of our users and do not necessarily reflect the views of MailOnline.

We are no longer accepting comments on this article.

MORE TOP STORIES

 › Girl On The Train actress Haley Bennett dazzles in gold sequin and leather gown at the BAFTAs... amid romance rumors with Darkest Hour director Joe Wright

 › Hugh Grant's 'pregnant' girlfriend Anna Eberstein looks chic in a short black dress and smart blazer as the couple cozy up on the BAFTAs red carpet

 › Diana's personal photographer Patrick Demarchelier is accused of sex attacks on seven women as 25 leading fashion figures are named as abusers

 › 'Paris & Paris!' Hilton poses for a selfie with Jackson during star-studded birthday bash for 37-year-old socialite

 › The Simple Life starlet

 › Michael Jackson's father Joe, 89, brands Quincy Jones 'jealous' after the producer's outburst slamming the King of Pop as 'Machiavellian' and 'greedy'

 › Can you spot the $14 bag from its $1,400 designer counterpart?

 › High street stores roll out their trendiest designs yet (including a VERY convincing Meghan Markle dupe)

 › 'I'm fed up with not being paid or treated the same as men': Kristin Scott Thomas shows her support for the Time's Up protest at the BAFTAs

 › Angelina Jolie is honored at the ASC Awards... as it's claimed her ex Brad Pitt 'has kept in touch with newly-split Jennifer Aniston'

 › Date night! Jennifer Lopez dons shredded jeans and lime green jacket to attend All-Star game with boyfriend Alex Rodriguez

 › It takes two! Doting boyfriend Joaquin Phoenix wraps his arm around girlfriend Rooney Mara during shopping outing

 › Completely inseparable

 › Harry gets a job: Prince wins official leadership role in a bid to attract...
The mobile phone that lets you cheat at ANY card game | Daily Mail Online

- younger people to Commonwealth
  He is expected to play a lead role at April meeting

- Top of the crops!
  Sizzling Chantel Jeffries displays her toned tummy at Jamie Foxx's Charity Celebrity Basketball event

- 'Weekend vibes!' Kim Kardashian looks cheeky in all beige as she shows off her outfit on Instagram
  The peroxide blonde's outfit clung to her curves

- Having a ball!
  Gabrielle Union beams with joy as she cosies up to husband Dwyane Wade at NBA All-Star Saturday Night
  Being Mary Jane star

- Chic Geri Horner struggles to push pram up a snowy hill as she enjoys family ski holiday with husband Christian Horner and his daughter Olivia in the French Alps

- Simply stunning! Nikki Reed turns heads in stylish patterned jumpsuit at Harper's Bazaar party celebrating the Costume Designers Guild awards

- Hugh Grant, 57, puts on a dapper display as he joins 'pregnant' girlfriend Anna Eberstein, 35, at pre-BAFTA party... amid rumors he's expecting his FIFTH child

- Kylie Jenner's baby daddy Travis Scott takes the stage for NBA All-Star event... as Tristan Thompson 'hangs out with Khloe Kardashian's exes'

- 'Bahamas weekend!' Victoria's Secret Angel Sara Sampaio suns in the Caribbean with bikini-clad model pals Sadie Newman and Georgia Fowler

- Paul Burrell repeats claims Prince Charles left Princess Diana in hospital after Harry was born to meet Camilla... and insists AGAIN she predicted her car crash death
Sun's out, guns out! Muscly Thor star Chris Hemsworth makes as splash as he spends action-packed day on a jet ski with mates Sunday funday

Minnie Driver looks chic in a floral flock at pre-BAFTA bash... as she makes first public appearance after quitting Oxfam over Haiti prostitute scandal

AnnaLynne McCord puts on a leggy display in figure-hugging navy mini dress at GQ All Star Basketball Party The 90210 actress led the glamour

Emma Watson leads the way with $1.4million donation as actresses join forces on Baftas red carpet in fight against sexual harassment Harry Potter actress

Smitten Helen McCrory puts on a loved-up display with husband Damian Lewis at Temperley LFW show The couple appeared in jovial spirits

"Moms night out": Make-up free Mindy Kaling enjoys girl time... weeks after welcoming baby daughter Katherine Her new show Champions debuts March 8

Chelsea Clinton and out-of-work husband Marc Mezvinsky sit front row at star-studded Burberry LFW show He's with her

Svelte Daisy Lowe turns heads in a burgundy midi dress as she joins chic Michelle Dockery at Roland Mouret's star-studded LFW show

Orange crush! Lupita Nyong'o stuns in tight tangerine dress while with co-star Danai Gurira during Black Panther promo in South Africa

Patrick Stewart, 77, and his wife Sunny Ozell, 39, spotted window shopping at the funeral directors as they enjoy wintry stroll in London Wrapped up warm

Earning her fashion stripes! Sophia Bush
stuns in a monochrome duster and wide leg trousers for Mr. Chow 50th Anniversary party Celebrating

Make-up free Julianne Hough sports a casual ensemble as she takes a stroll around Los Angeles
Looked phenomenal

Holding court! Karlie Kloss flashes toned torso in funky patchwork tracksuit as she leads celebrities at Adidas event

Snuggle time! Blac Chyna lavishes affection on daughter Dream and son King Cairo during relaxed night in
Sweet dreams

So in love! Madison Beer and boyfriend Zack Bia pile on the PDA at Jamie Foxx's charity basketball game

'I had a nervous breakdown': Kylie Minogue, 49, discusses her split with Joshua Sasse... as she reveals she will NEVER have children

'New nose!' Southern Charm's Naomie Olindo undergoes plastic surgery after break-up
The 25-year-old Bravo star revealed she had undergone a nose job

Lily James stuns in a gold embellished dress with a sheer bodice as she cosies up to boyfriend Matt Smith at Burberry LFW show
Baby Driver actress

Slam dunk! Anwar Hadid locks lips with girlfriend Nicola Peltz at Jamie Foxx's charity basketball game
Tad distracted?

'He's insanely pretty!' Sally Field shares son Sam's text admiring Olympic figure skater Adam Rippon... and tags the star in bid to set them up
American slopestyle skier Nick Goepper celebrates silver after becoming SUICIDAL and battling a drink problem in wake of Russia 2014
Numerous struggles

Naomi Watts cuts a casual figure as she touches down in London... amid claims her friendly embrace with Justin Theroux left Jennifer Aniston 'upset'

Inside Amy Schumer's big day! Tears, toasts and tipsy guests as comic posts more intimate behind-the-scenes photos from surprise wedding

’How am I going to get him to New York?’ Cardi B receives enormous plush teddy bear from fiance Offset

These boots were made for walking! Camila Cabello steps out in eye-catching footwear and chic skirt during London Fashion Week

’You are one of a kind’: Paris Hilton’s aunt Kyle Richards shares throwback baby photo of the star as socialite throws lavish 37th birthday bash

Leggy ladies! Kristen Stewart flaunts her lithe limbs in tiny shorts while girlfriend Stella Maxwell accentuates her gams with PVC trousers

Mommy approved! Victoria Beckham proudly shows off son Brooklyn’s new ‘Mum’ tattoo in sweet Instagram

’It’s just a phase and I’m going to stand still in the corner’: Lionel Richie thinks his daughter Sofia, 19, is trying to get back at him by dating Scott Disick, 34

Joanna Lumley reveals she felt pressured to strip for 1971 film role after saying she DOESN’T regret working with Weinstein Ab Fab actress

All that glitters! Greta Gerwig sparkles in gold mini dress as she turns
heads at British Academy Film Awards nominees party

That didn't last long... Cheryl and toyboy lover Liam Payne 'could split in weeks' just a year after their son's birth. Liam’s touring schedule causing tension.

Smitten Idris Elba packs on the PDA with new fiancée Sabrina Dhowre as they snuggle up on the FROW at Burberry's LFW show!

'I still can't believe it!' Jessica Alba poses for a selfie with Honor and Haven as they cuddle baby brother Hayes. She's a proud mother-of-three.

Supermodel and Michael Hutchence's ex-girlfriend Helena Christensen, 49, will return to Melbourne Fashion Festival.

Zoe Ball receives a helping hand from beau Michael Reed as she moves out of her home close to ex DJ Fatboy Slim... to allow her to 'move forward with her new relationship'.

'You are the most fun!!': Britney Spears fan-girls over Olympic figure skater Adam Rippon while Sally Field tries to get him to date her son.

'You could truly feel the love!': The View's Jedediah Bila weds fiancé Jeremy Scher in New York. 'I'm super excited. Super, super excited', she said.

Forget something? Jennifer Lawrence goes trousers-free as she showcases her fantastic legs in ultra-short sweater dress.

GIRL ABOUT TOWN: Margot Robbie - gets her skates on for the big Bafta bash which could see her land the best actress gong for her role in I, Tonya.
GIRL ABOUT TOWN:
Check this out! Cara Delevingne closes Burberry director Christopher Bailey’s last ever catwalk show for the Brit fashion house

Game of Thrones star Natalie Dormer flashes a glimpse of her cleavage in semi-sheer nude ballgown at the star-studded BAFTA Nominees’ Party

"Hope, peace and unconditional love": Teen Mom’s Tyler Baltierra gushes after visiting his wife Catelynn Lowell at Arizona rehab center she’s in

Bumping along just nicely! April Love Geary covers up growing torso in patterned dress as she holds hands with Robin Thicke

Super mom! Hilary Duff shows off her toned figure in sleeveless tee as she takes son Luca to lunch

Moss be fashion royalty! Elegant Kate, 44, joins forces with fellow age-defying supermodel Naomi Campbell, 47, at star-studded Burberry LFW show

Getting daddy moving! Pregnant Hilaria gets Alec Baldwin out and about with Carmen and Rafael... less than two weeks after hip surgery He had his hip replaced

At least one Friend is happy! Courtney Cox packs on the PDA as she is reunited with Johnny McDaid after comforting Jennifer Aniston

Hell for leather! Lindsay Lohan steps out in figure hugging leather dress and headscarf at London Fashion Week The actress wore an all-black outfit

Samuel L Jackson stops traffic as he’s joined by the original and new Shaft actors on the set of sequel Donning the character’s famous trenchcoat

Jennifer Aniston ‘didn’t like’ Justin Theroux’s friendly hug with Naomi
Watts 'grew increasingly angry that he acted like he was single'

Why it's got to be CURTAINS for Harry's style! We thought there was something familiar - and homely - about those drape suits... Gaudy curtain patterns

"Rise of the women!" Rose McGowan makes a statement in message sunglasses in Beverly Hills

Aussie actor Daniel MacPherson talks 'reinventing' his career in the US... as he gears up for the premiere of his new film co-starring Oprah Winfrey

Red alert! Gigi Hadid is impossible to miss in head to toe crimson knitted outfit... She's known for her fashion-forward sensibility

Sienna Miller flatters her slender figure in clashing prints as she makes trendsetting arrival at star-studded Burberry show for LFW

Russell Simmons looks low-key in first sighting since he skipped town for Balinese yoga retreat after sexual misconduct allegations emerged

'They communicate from time to time': Jennifer Aniston 'kept in touch with ex Brad Pitt while marriage to Justin Theroux was ending'... Shoulder to cry on?

All covered up! Eva Longoria keeps her bump under wraps while husband Jose Baston takes a dip in the pool in Miami... Taking it easy

Not your Grandma's crochet! Alessandra Ambrosio shows off her figure in a tiny knitted bikini... Spotted taking a dip in the Caribbean Sea
The mobile phone that lets you cheat at ANY card game | Daily Mail Online

*Recovery!* Kaia Gerber kicks back in a bikini with mom and dad after a grueling New York Fashion Week
Shared a picture as she relaxed on a pool towel

“What's going on with Karlie Kloss and Taylor Swift?” Jennifer Lawrence calls out the onetime BFFs
Haven't been seen together in months

“All natural!” Alessandra Ambrosio poses naked in a swing on luxury beach vacation
36-year-old former Victoria’s Secret Angel

Kate Hudson looks boho chic in a floral maxi skirt and plunging top alongside her boyfriend Danny Fujikawa

Daddy's little girl! Rob Kardashian shares sweet video clip of daughter Dream saying “dada” from her crib
He and Blac Chyna welcomed her last year

Girls' night out! Caitlyn Jenner, 68, steps out in Los Angeles with gal pal Sophia Hutchins, 21
She has been dealing with a rift in her family life

Margot Robbie makes a bold style statement in fringed white minidress as she joins Gemma Arterton, Salma Hayek and Karen Gillan at BAFTA nominees bash

Oh so chic! Isabelle Huppert dazzles in all-white pantsuit as she turns heads at Berlin International Film Festival

Bike it like Beckham! Brooklyn showcases catwalk trends in bomber jacket and flat cap as he races around NYC
A wheelie great time

Check her out! Zendaya commands attention in stunning yellow checkered jacket and graffiti suit as she sits front row at Burberry’s LFW show

Supermodel Cara Delevingne bursts onto the catwalk in colorful coat as she joins forces
• She’s only getting better! Britney Spears soars as she recreates leap picture from two years ago
  Perfectly aligned pose was even better

• Liam Gallagher enjoys rare family outing with girlfriend Debbie and his son Gene at Burberry’s LFW show...
after admitting he’s NEVER met his two daughters born from his affairs

• He’s still mommy’s baby! Gwen Stefani cradles son Apollo as the two enjoy some mommy and me time
  Spent time with her youngest son

• Ariel Winter puts on cheeky display in skimpy playsuit for coffee date with boyfriend Levi Meaden
  The 20-year-old actress showcased her curves

• Nicole Scherzinger looks sensational in a raunchy leather mini dress for the Adidas All Star Weekend in Los Angeles
  All eyes were on her
FROM THE MAKERS OF CANDY CRUSH

Farm Heroes Saga, the #4 Game on iTunes. Play it now!

GADGET REVIEWS

› Naim Atom: The hifi that will change the way you listen to music
It's eye-wateringly expensive at $2,999, but Naim's Uniti Atom is a revelation, an integrated amplifier than makes it easy to stream music at a quality you've probably never heard before.

› Apple's new iPhone X is a glimpse into the future
After a day with the iPhone X, while Face ID isn't perfect, and the 'notch' is an annoyance, the iPhone X is a glimpse into the future of phones and the best handset of the market by a long way.

› Shinola hopes to banish Beats with the best looking headphones around
They aren't cheap, but Shinola's $595 foray into headphones are the perfect accessory for design obsessives looking to upgrade their listening habits.

› The best Android handset out there: Google Pixel 2 review
With the Pixel XL, Google has created a handset that is not only the best Android device out there, but arguably matches the iPhone 8 in terms of design and feel.

› Apple Watch Series 3: The smartwatch that liberates you from your phone
Apple's Watch will free you from your phone - while making sure you don't suffer the fear of missing out. It's a huge step forward, and a...
The mobile phone that lets you cheat at ANY card game | Daily Mail Online

- **iPhone 8: Why a lack of X appeal shouldn’t put you off**
  While the iPhone X may have stolen the headlines, in fact the iPhone 8 could be the sleeper hit of Apple’s new range, offering the same power as the X but with features and a design users trust.

- **Is it really worth paying £280 for Nintendo’s Switch? MailOnline’s verdict**
  While the design is impressive and easy to use, the game line up is disappointing.

- **The $1,000 wireless speaker that really IS worth the price: Naim Mu-so Qb review**
  Naim’s incredible Mu-So Qb takes you back to the good old days - where the music captivates and entralls, rather that simply being something in the background.

- **The best all in one wireless speaker you’ll ever hear: Naim Mu-so review**
  It might not be a name familiar to the US market, but Naim is a legendary British brand hoping to make a splash with the American launch of its $1499 Mu:So speaker.

- **The hi-tech $2,000 spin bike that really could change your life**
  Peloton’s hi-tech bike lets you stream live and on demand rides to your home - and it’s one of the best examples of fitness technology out there - at a price.

Advertisement
