

The Flash: The Button

The Button (comics)

the story, Batman and Flash work together to uncover the truth behind the mysterious button found in the Batcave. As the investigation unfolds, the secrets - "The Button" is a 2017 comic book crossover created and published by the comic book publishing company DC Comics. The story arc consists of four issues from DC's Batman and Flash publications, functioning in part as a larger buildup towards the "Doomsday Clock" event. The plot was written by Joshua Williamson and Tom King, with art by Jason Fabok and Howard Porter.

In the story, Batman and Flash work together to uncover the truth behind the mysterious button found in the Batcave. As the investigation unfolds, the secrets of the Button bring about the wrath of Professor Zoom as well as the unknown orchestrator of DC Rebirth.

Hook flash

or simply the "R" button. These signals perform similar functions, but are not necessarily identical. The flash signal briefly disconnects the local loop - On analog telephone lines with special services, a flash or register-recall signal is used to control functions on the public telephone exchange, PBX or VoIP ATA.

The term "register-recall" in Europe refers to sending a discrete signal to alert the "register" — the logical system controlling a telephone exchange, that it should accept commands from the end user in the middle of a call. The register was normally disconnected from the circuit once a call was setup.

In contemporary telephone systems, the functions of the register are carried out by software and computer hardware, but in previous generations of electromechanical exchanges, using technology such as crossbar or reed relay, the register was often a system of analog electronics or even relay logic.

The term "flash" or "hook flash" is commonly used in North America, while in Europe a similar signal is referred to as a register-recall or more commonly "Recall" or simply the "R" button. These signals perform similar functions, but are not necessarily identical.

The flash signal briefly disconnects the local loop circuit by momentarily depressing the hook switch or using a dedicated button. In systems influenced by American standards, the switching system will accept quite a long disconnection time, within a duration between 300 ms and 1000 ms, typical of a manual hook flash. In most systems based on European standards, a precisely defined loop disconnect pulse is used, typically 100 ms or 120 ms in duration, similar to a single pulse on a pulse dialing telephone. These systems are similar, but may be mutually incompatible.

The longer flash time programmed on a North American telephone, or a manual hook flash, may cause a European switch to clear the line, while a short pulse from a European phone may be ignored by a North American switching system. Many modern telephones, sold across multiple markets, allow the end user to define the flash time in software or with a switch setting. For example, some devices allow this to be set between 90 ms and 1000 ms. This means that the phone can be configured to be used with various public PSTN networks, PABX and business systems, or devices like analog telephone adaptors (ATAs) used for

connecting simple analog telephones to Voice over IP (VoIP) services.

A common use of a hook flash for special action is to switch to another incoming call with the call waiting service.

It is also commonly used for placing calls on hold, initiate inquiry, conference calls, or for call transfer to other extensions in a PABX

Another use is to indicate a request for voice conferencing, for example, a user may use a procedure like the following to initiate three-way calling. This is the typical procedure in most North American networks and some office systems:

Pick up phone handset (causing the line to be off-hook).

Hear a dial tone.

Dial the first number and greet the first party.

Press the hook flash button (or quickly tap the on-hook sensor on the phone).

Hear a stutter dial tone (a series of beeps followed by another dial tone).

Dial the second number and greet the second party.

Press the hook flash button again.

The second "flash" signals the Central Office Switch to link the two active conversations, so that all three parties are connected to the same logical telephone line.

In European networks an "R" button is used in combination with touch tone digits to select various call handling functions. For example:

Call Waiting:

R1 — Answers incoming call & terminates current call.

R2 — Answers current call & allows the user to toggle between calls.

R3 — Establishes a 3-party conference.

R0 — Rejects incoming call and temporarily disables call waiting.

Pressing the R button during a call usually places the call on hold and returns a dial tone. A second number can then be dialed. Calls can then be toggled between with R2 or conferenced together with R3.

On Centrex lines, PBX systems and VoIP ATAs a hook flash or the R-button is also used to perform call transfer (blind or with an enquiry) on analog extensions.

During a call the hook is flashed (manually or Flash or R is pressed) placing the current call on hold and returning a dial tone. A new number is then dialed and when the phone is hung up, the call is transferred. In European systems, pressing R before hanging up, typically retrieves the call on hold and cancels the process without transferring the call.

Some PBX systems, notably in Europe, use an Earth Recall. This signal connects one leg of the telephone circuit to the ground momentarily to signal the exchange. It's usually not used in public two-wire networks, but was common in analog office systems. Many European telephones have a switch to configure the R button to perform this function instead of a timed break recall.

A related service was often found on payphones in Europe and some other parts of the world where a Follow on Call (FC) button was often provided. While similar in some ways to a hook flash, this was quite different. Rather than simply flashing the hook, the phone would go completely on-hook (hanging up) several seconds and would present a new dial tone, while retaining a credit balance on the phone (coins or card). This allowed the user to make a second call without needing to collect unused coins or re-insert their card on phones that used prepaid cards. It is not hook flash signaling, but rather just hanging up the line.

Batman (comic book)

rekindled the romance between Batman and Catwoman. The series crossed over with The Flash in issues #21-22 for the story The Button, one of the important - Batman is an ongoing American comic book series featuring the DC Comics superhero Batman as its protagonist. The character, created by Bill Finger and Bob Kane, first appeared in Detective Comics #27 (cover dated May 1939). Batman proved to be so popular that a self-titled ongoing comic book series began publication with a cover date of spring 1940. It was first advertised in early April 1940, one month after the first appearance of his new sidekick, Robin the Boy Wonder. Batman comics have proven to be popular since the 1940s.

Though the Batman comic book was launched as a quarterly publication, it later became a bimonthly series through the late 1950s, after which it became a monthly publication.

In September 2011, The New 52 rebooted DC's continuity. In this new timeline, the original Batman series ended at issue #713 and was relaunched with a new first issue (cover dated November 2011). Batman (vol. 2) ran until issue #52.

In 2016, DC Comics began a new relaunch of its entire line of titles called DC Rebirth, which continued continuity from the New 52. The Batman comic book was relaunched again with a new #1 issue (August 2016) and placed on a twice-monthly release schedule. The series continued through the next major relaunch by DC Comics, called Infinite Frontier, reverting to a monthly schedule with issue #106 (May 2021). The series is set to relaunch in September 2025 under the DC All In initiative.

Tom King (writer)

Annual No. 1; tpb, 176 pages, 2017, ISBN 1-4012-7131-6) Batman/The Flash: The Button (includes #21–22; hc, 104 pages, 2017, ISBN 1-4012-7644-X; tpb, - Thomas Krieger King (born July 15, 1978) is an American author, comic book writer, and former CIA officer. He is best known for the comic books The Vision for Marvel Comics, The Sheriff of Babylon for the DC Comics imprint Vertigo, and Batman, Mister Miracle, and Supergirl: Woman of Tomorrow for DC Comics.

In 2018, King received the Eisner Award for Best Writer for his work on Batman and Mister Miracle, sharing the award with Marjorie Liu.

In January 2023, it was announced by DC Studios co-chairman and co-CEO James Gunn that King would be one of the architects of the new DC Universe media franchise of feature films. It was also announced that King's Supergirl: Woman of Tomorrow miniseries would be adapted in the film Supergirl (2026).

The Flash (comic book)

worn the mantle of the Flash: Barry Allen, the second Flash (1959–1985, 2010–2020), and Wally West, the third Flash (1987–2008, 2021–present). The series - The Flash is an ongoing American comic book series featuring the DC Comics superhero of the same name. Throughout its publication, the series has primarily focused on two characters who have worn the mantle of the Flash: Barry Allen, the second Flash (1959–1985, 2010–2020), and Wally West, the third Flash (1987–2008, 2021–present). The series began at issue #105, picking up its issue numbering from the anthology series Flash Comics which had featured Jay Garrick as the first Flash.

Although the Flash is a mainstay in the DC Comics stable, the series has been canceled and restarted several times. The first volume, starring Barry Allen, was canceled at issue #350 prior to the character's death in Crisis on Infinite Earths. A new series began in June 1987 with a new issue #1, starring Wally West as the new Flash. The second volume was briefly canceled in 2006 at issue #230 in the wake of the Infinite Crisis event in which Wally disappeared, and was replaced by a new series titled The Flash: The Fastest Man Alive starring Bart Allen as the fourth Flash. The following year, The Flash: The Fastest Man Alive was canceled and The Flash resumed publication from issue #231 with Wally as the Flash once again; however, this volume was ultimately canceled permanently in 2008 at issue #247.

Following Barry Allen's resurrection in Final Crisis and return to being the primary Flash in The Flash: Rebirth, a third volume starring Barry debuted in 2010. However, this volume was ultimately cancelled in the lead-up to the miniseries Flashpoint, which in turn led into The New 52 continuity reboot. A fourth volume was later launched in 2011 as part of the new continuity, with Barry Allen as the sole Flash; this volume ultimately concluded in 2016. A fifth volume was launched soon afterwards as part of the line-wide relaunch DC Rebirth.

In 2020, the series reverted to original numbering as of issue #750 by adding together all issues of The Flash from each volume. Wally West became the main character of the series again as of DC's line-wide relaunch Infinite Frontier, beginning with issue #768. Original numbering continued until issue #800. A sixth volume of The Flash, also starring Wally West, began as part of the Dawn of DC relaunch in September 2023.

The Flash (DC Rebirth)

The Flash (DC Rebirth) is an American superhero comic book written by Joshua Williamson (of Nailbiter and Birthright fame) and published twice-monthly - The Flash (DC Rebirth) is an American superhero comic book written by Joshua Williamson (of Nailbiter and Birthright fame) and published twice-monthly by DC Comics. The title follows the adventure of Barry Allen as the superhero Flash in Central City. The title is part of DC's Rebirth relaunch, following the end of The New 52 initiative established following the Flashpoint storyline in 2011, and started publication in August 2016. In May 2020, the title reverted back to its original numbering with #750, and ceased publication with #800 in August 2023.

DC Rebirth

announced the four-issue storyline "The Button" for release in April and May 2017. Taking place in issues 21 and 22 of Batman and The Flash, the storyline - DC Rebirth is a 2016 relaunch by the American comic book publisher DC Comics of its entire line of ongoing monthly superhero comic book titles. Using the end of The New 52 (2011–2016) initiative in May 2016 as its launching point, DC Rebirth restored the DC Universe to a form much like that prior to the 2011 "Flashpoint" storyline while still incorporating numerous elements of The New 52, including its continuity. It also saw many of its titles move to a twice-monthly release schedule, along with being released at US\$2.99.

DC Comics ended the Rebirth branding in December 2017, opting to include everything under a larger "DC Universe" banner and naming. The continuity and repercussions established by Rebirth continues into the New Justice (2018–2021), Infinite Frontier (2021–2023), and Dawn of DC (2023–2024) relaunches.

Nikon FM3A

the match-needle exposure control system and provision for through-the-lens (TTL) off-the-film (OTF) electronic flash automation. In other words, the - The Nikon FM3A is an interchangeable-lens, focal-plane shutter, 35 mm film, single-lens reflex (SLR) camera. It was manufactured by Nikon Corporation in Japan, on small-volume assembly lines, from 2001 to 2006. The camera was available in two colours: all black and satin chrome. The introductory US list price for the chrome body only (no lens) was \$820.

The FM3A was the successor to the renowned Nikon FM2N camera of 1984 and was the last member of the successful, semi-professional line of Nikon compact 35 mm film SLRs. The other members were the Nikon FM (released 1977), FE (1978), FM2 (1982) and FE2 (1983). They (and the Nikon FA) all used the superficially similar (but not identical) rugged copper-aluminium alloy chassis and high-quality Nikon vertical bearing-mounted metal shutter and ball-bearing mounted film advance, but with improved feature levels, minor external controls and cosmetic differences. The newer low-budget Nikon FM10 and FE10, while named similarly, are completely different introductory-level cameras manufactured by Cosina.

The major improvements in the FM3A compared to the FM2n are the hybrid electro-mechanically controlled aluminium-bladed focal plane shutter, the aperture priority auto-exposure mode, the match-needle exposure control system and provision for through-the-lens (TTL) off-the-film (OTF) electronic flash automation. In other words, the FM3A merged the robust mechanical systems of the FM2n with the proven, reliable electronic exposure controls of the FE2.

Jason Fabok

from the original on August 19, 2019. Retrieved June 29, 2020. "Review: Batman/The Flash- The Button". ComicBookWire. March 30, 2020. Archived from the original - Jason Fabok (born April 14, 1985) is a Canadian comic-book artist. He has worked almost exclusively for DC Comics for the entirety of his career. His work has been featured in acclaimed series such as Batman, Detective Comics, Justice League, and the Eisner Award-winning Swamp Thing: The Talk of the Saints short story.

Joshua Williamson

(collects #9–13, 128 pages, 2017) The Flash Vol 3. Rogues Reloaded (collects #14–20, 168 pages, 2017) Batman/The Flash: The Button (includes #21–22; hc, 104 pages - Joshua Williamson is an American comic book writer. He is known for his long-lasting run on The Flash, as well as DC Comics events, Dark Crisis on Infinite Earths and Knight Terrors. Along with The Flash he has also worked on several other DC Comic characters, such as Robin and Green Arrow. Along with his prolific work in the DC Universe, he has also written several Image Comics titles such as Nailbiter, Birthright, Ghosted and Dark Ride. Williamson has also worked within the Energon Universe, alongside writer Robert Kirkman and writer/artist Daniel Warren Johnson, writing two five-issue mini-series, Duke and Cobra Commander.

Williamson is currently writing Superman and G.I. Joe.

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