

Resellers' Guide

Timecode Systems
GENERATE. SYNC. SHARE.

UltraSync BLUE

Engineered with Bluetooth® technology to
create a truly wireless sync solution.

CONFIDENTIAL



Introducing the UltraSync BLUE

UltraSync BLUE is a simple, low-cost timecode synchronisation product that has the potential to work with any camera or sound recording device with Bluetooth® connectivity. There are no cables and no mounting issues, giving more freedom to shoot from creative angles with smaller, more mobile cameras. It can even sync iPhones.

The UltraSync BLUE will be launched on 1st October 2018 10:00am BST. Until this time, please treat this as *confidential*.





Simple & versatile

By removing the restrictions of a wired connection, we're not only giving crews extra convenience, they also get even more versatility to choose how they sync.

- Use a single UltraSync BLUE unit to sync up to four recording devices shooting in close range over Bluetooth®.
 - Or alternatively, connect the UltraSync BLUE to a Timecode Systems RF network and sync to other camera and audio recorders using Timecode Systems units on the same channel.
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No cables. No wired connections.



UltraSync BLUE is our first timecode sync product to use Bluetooth® pairing to connect and synchronise recording devices. Once connected, timecode and sync metadata is transmitted wirelessly from the UltraSync BLUE directly into the media file of connected devices.

UltraSync BLUE is 55mm x 43mm x 17mm, weighs only 36g and costs £125 | \$179 | €149. It's designed to be user-friendly, discreet and unobtrusive to filming.

Key features

- A patented, timing protocol delivers unparalleled, accuracy for the exchange of timecode over Bluetooth®.
- After first set-up, UltraSync BLUE automatically remembers and recognises your device.
- Timecode is embedded into the media file and automatically recognised by professional NLEs.
- An intuitive, on-screen menu for simple set up and control.
- UltraSync BLUE is an RF transceiver, allowing it to be used either as the master timecode generator and transmitter, or as a receiving slave unit.
- £125 | \$179 | €149



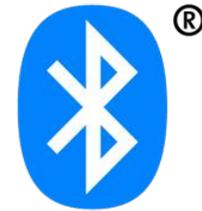
What does it work with?



UltraSync BLUE has the potential to work with any camera or sound recording device with Bluetooth®. At launch, the **MAVIS professional camera app** and **Apogee's MetaRecorder app** (both for iPhone) are compatible. For the first time, there is a way to sync iPhones professionally, with sub-frame accuracy.



Zoom Corporation is working on new releases of H3-VR Handy Recorder and F8n MultiTrack Field Recorder. When released later this year, both of these Zoom sound recorders will have the ability to receive timecode over Bluetooth from the UltraSync BLUE.

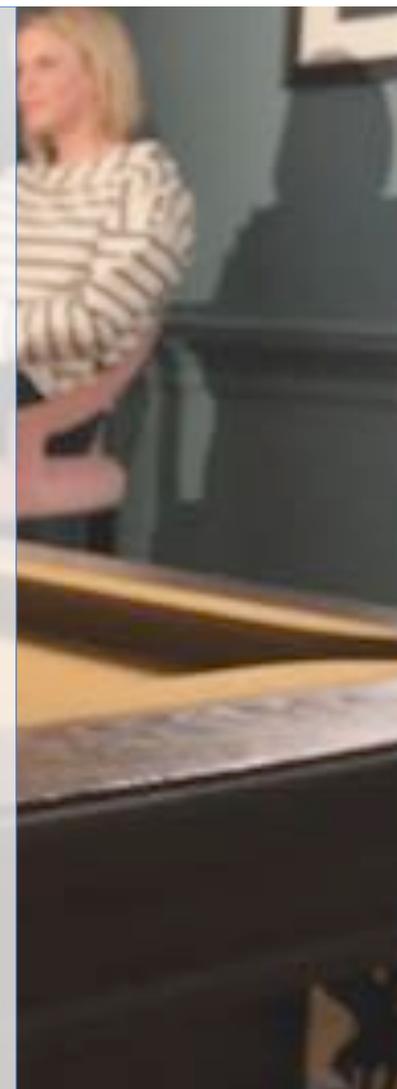


Bluetooth connectivity is becoming an increasingly common feature of audio and video devices. We're working with manufacturers and app developers to adopt our new super accurate timing protocol into their Bluetooth®-enabled products.

Sync for iPhones

UltraSync BLUE works in conjunction with the **MAVIS pro camera app** and **Apogee's MetaRecorder audio recorder app**. The latest releases of these apps both include the ability to read our timecode metadata. This allows the iPhone to sync in the same way as a professional camera.

Simply pair an UltraSync BLUE with an iPhone over Bluetooth®. This enables frame-accurate timecode to transmit wirelessly from the UltraSync BLUE to the connected iPhone. This metadata is embedded directly into media files generated from video shot on the MAVIS app or sound captured on MetaRecorder.



Discover MAVIS & MetaRecorder



MetaRecorder is a two-channel audio recording app for the iPhone from Apogee. It allows recordings from up to four iOS devices to be linked, tagged and organised, and works alongside a wide range of microphones and other hardware, allowing professional quality sound to be recorded on an iPhone. MetaRecorder is free to download, with various in-app options to add features (free if a compatible microphone device is attached).



MAVIS is a free professional filmmaking camera app for the iPhone. It offers a range of professional level filming tools (from focus peaking to waveform monitors) that can be purchased in bundles. Once paired with an UltraSync BLUE, the MAVIS timecode bundle is unlocked automatically for free, allowing timecode metadata to be embedded directly into media files generated from video shot on the MAVIS app.

UltraSync BLUE Target Markets

1

Existing customers

This is a great opportunity to contact existing customers who have purchased our products, to make them aware of our newest offering.

These broadcast professionals will now be able to incorporate iPhone footage into their existing Timecode Systems workflows.

2

New pro users

For professionals who are aware of timecode but have not yet invested in a system, now is the time to educate them on the benefits of Timecode Systems' products.

Not only can they save their production time by providing perfectly timecoded footage to post, but they can now also incorporate iPhones in to professional workflows.

3

iPhone filmmakers

Timecode is no longer exclusively for broadcast professionals with high-end equipment.

Thanks to the UltraSync BLUE, timecode synced, iPhone only multicam workflows are a possibility.

iPhone filmmakers can use one UltraSync BLUE to link up to four iPhones over Bluetooth.

What's the difference?

The UltraSync BLUE does not replace the UltraSync ONE. The two products are designed to work alongside each other, enhancing the Timecode Systems ecosystem. Here's a comparison.

	ULTRASYNC ONE	ULTRASYNC BLUE
Size (mm)	55 x 44 x 17mm	55 x 43 x 17mm
Weight (oz)	39 grams	36 grams
OLED Display	Blue 128 x 32 Pixels	Blue 128 x 32 Pixels
Battery life	25 to 40 hours	20 hours
Charging time	3 hours	3.5 hours
External power	USB-C (5V DC)	USB-C (5V DC)
LTC Input/Output	DIN 1.0/2.3 connector. Input or output, depending on the mode selected.	Via Bluetooth®, output only.
Sync Output	DIN 1.0/2.3 connector. Genlock, wordclock and LTC	No
Frame rates	23.98, 24.00, 25.00, 30.0D (drop frame), 30.00, 29.97D (drop frame), 29.97	23.98, 24.00, 25.00, 30.0D (drop frame), 30.00, 29.97D (drop frame), 29.97
Digital RF network	Yes - 865.050MHz to 923.200MHz	Yes - 865.050MHz to 923.200MHz
BLINK Hub	Yes	Yes
Connectors	Two locking DIN 1.0/2.3 connectors	Bluetooth®
Connected External Devices	One for TC and sync, two for LTC	Up to four for LTC
Price	\$299 £240 €279	\$179 £125 €149

Choosing your products

To create a sync network, attach a Timecode Systems product to each recording device.

- 1 Does the recording device have a timecode input?  Yes. Use an **UltraSync ONE** or **:pulse**.
No. Read on
- 2 Are you using a GoPro HERO4 or GoPro HERO6?  Yes. Use the appropriate **SyncBac PRO**.
No. Read on
- 3 Can your device accept timecode over Bluetooth®?  Yes. If filming within 10m with an **UltraSync BLUE**, pair up to four devices with one UltraSync BLUE. For devices more than 10m apart, use one UltraSync BLUE per unit.
No. Read on
- 4 No timecode input or timecode over Bluetooth capability?  Yes. Use an **UltraSync ONE** to record timecode on to the audio track, and convert using the **Video Tool Shed LTC Convert** software.

Setting up your sync

To create a sync network, attach a Timecode Systems product to each recording device.

1 Choose a timecode master generator

- Use a **:pulse** to open up access to the BLINK Hub app for monitoring and control features.
- Use the **:pulse** or **UltraSync ONE** if an external timecode input is being used.
- If neither access to the BLINK Hub, nor an external LTC input is required, **any Timecode Systems product** can act as the master timecode generator and transmitter.

2 Configure slaves

Set all other Timecode Systems units in to receiving slave mode.

3 Sync is set.

Timecode will be transmitted from the master unit to all of the receiving slave units over our long range RF network, giving users accurate and reliable timecode with a range of 200m.

Once the green light is flashing and timecode is running on the display, you can focus on capturing great content, confident that sync is one less thing to worry about.

In case you wondered...

What about Genlock?

The UltraSync BLUE does not offer genlock or wordclock, but it can be used alongside other Timecode Systems products (:pulse and UltraSync ONE) supplying genlock/word clock to their connected external devices as it is all calculated based on the timecode generated by the master unit and received by the slave units.

Does UltraSync BLUE appear on BLINK Hub?

The UltraSync BLUE does not have a built in WiFi connection. A :pulse master unit is required in your network to connect to BLINK Hub.

When in slave mode to a :pulse, the UltraSync BLUE will appear in the BLINK Hub for status monitoring and control, just like other Timecode Systems' products.