



# ULTRASYNC BLUE

Bluetooth Timecode for camera, audio & apps • Long-range RF



**ULTRASYNC BLUE is simple, low-cost, and has the potential to synchronise any compatible camera or sound recording device with Bluetooth® connectivity. There are no cables to worry about, giving you more freedom to shoot from creative angles with smaller, more mobile cameras. It can even sync iPhones.**

## Full sync power without the wires

UltraSync BLUE is the first product to synchronise timecode over Bluetooth® to an expanding range of compatible cameras, audio recorders and apps, which have implemented the timecode over Bluetooth protocol. Once connected, timecode is transmitted wirelessly from the UltraSync BLUE directly into the embedded media file of connected devices. By removing the restrictions of a wired connection, users not only benefit from extra convenience, but also get even more versatility to choose how they sync.

## Flexible wireless sync

Use a single UltraSync BLUE unit to sync up to six recording devices shooting in close range over Bluetooth. Or uniquely, also connect the UltraSync BLUE to a Timecode Systems long-range RF network and sync to other camera and audio recorders using Timecode Systems units on the same channel. The AtomX SYNC module also works on the same RF network, allowing you to bring wireless timecode sync to Ninja Vs, alongside other devices on set. A perfect combination of using two wireless technologies together to create a flexible and scalable sync system.

## Sustainable battery life

With 20+ hours battery life from a single charge, the UltraSync BLUE easily outlasts a full shooting day, without sacrificing on size, weight or features.

## Small, adaptable & affordable

UltraSync BLUE is 55mm x 44mm x 17mm, weighs only 36g, features a high-resolution blue OLED display, and can sync up to six devices simultaneously. After an initial pairing set-up with the device or app, UltraSync BLUE automatically remembers and connects. Having this super accurate wireless sync available to the device or app, allows the manufacturer to embed timecode metadata directly into the media files. This industry standard timecode is recognised by all professional NLEs. The UltraSync Blue is designed to be user-friendly, discreet and unobtrusive to filming; saving time on set and in the edit.

# ULTRASYNCR BLUE - Technical specifications

Weight and Dimensions	
Weight	36g
Dimensions (W x H x D mm)	55 (w) x 44 (h) x 17 (d) mm
Mounting	Just position within 10m of your device to sync
Cooling	Passive
Power	
Power	Has an internal battery, and is charged/powered via USB C
Battery Type	Li-ion
Voltage	Battery 3.7v, USB 5v
Capacity	800 ma/h
Run time	20 hours +
Operating power	Less than 1 watt
Compatible batteries	n/a
DC Input	5V USB, Type C connector
Bluetooth	Bluetooth Low Energy timecode server for up to 6 simultaneous clients
Wireless RF	
Range	The typical range for synchronisation with a master is approximately 200m (656 feet, 219 yards). This range is based on an uninterrupted line of sight. If there are obstacles between a server and client, the range can be reduced.
Frequency	865.050MHz to 923.200MHz
Number of Channels	Up to 14 (Region dependant)
Antenna	Internal antennas with diversity reception capability.
General	
Multi Channel Digital Transceiver	865.050MHz to 923.200MHz
Timecode accuracy	TCX0, 0.5ppm when free running. In practice, approximately less than 1 frame drift in 24 hours. Zero ppm when RF locked to a server configured product
Frame rates	23.976,24,25,29.97,29.97DF,30,30DF
What's in the box	
Included	1 x UltraSync BLUE 1 x USB C Charging cable
Compatible batteries	n/a
Warranty	1 year

ULTRASYNCR BLUE Module Compatibility	
Apps	Type
BLINK Hub	iOS and MacOS control hub, running on Timecode Systems :pulse product
SYNC NETWORK page (on ATOMX SYNC/Ninja V)	Shows as a device on the Ninja V menu system
UltraSync BLUE Slate	iOS Digital Slate
Mavis Pro Camera	iOS Video camera
Apogee MetaRecorder	iOS Audio recorder
MovieSlate 8	iOS Digital Slate and Logging
Softron Movie Recorder	MacOS Video Recorder

Hardware	Type
All legacy TCS products	:pulse, :wave, :minitr+ etc
UltraSync ONE	LTC and Genlock outputs, sync generator/receiver
AtomX SYNC	Atomos AtomX module for Ninja V
SyncBac PRO	GoPro HERO 4/6/7 Black
Zoom H3-VR	VR Audio Recorder
Zoom F8	Field Audio Mixer Recorder
Zoom F8n	Field Audio Mixer Recorder
Zoom F6	Field Audio Mixer Recorder

To Order		
Product Name	SKU	EAN/Barcode
Ultrasync Blue US/CAN Version	ATOMSYBL01-US	0814164022477
Ultrasync Blue ROW Version	ATOMSYBL01-ROW	0814164022484