



Clocks

CareHawk Synchronized Timekeeping by Primex
Product Specifications



ENGINEERED TIMEKEEPING SOLUTIONS



72 MHz Frequency

The 72 MHz frequency is much lower than other often-used frequencies, there is minimal signal interference risk between the 72 MHz transmitter and each clock.

The longer wavelength of a 72 MHz signal allows better penetration through solidly constructed building materials than higher frequencies, helping to ensure your clocks remain synchronized.

72 MHz is a FCC-licensed frequency and requires a simple registration.



Guaranteed Coverage

CareHawk experts evaluate your facility's floor plans to design a personalized solution that can guarantee time signal coverage. OneVue® Transmitters receive time from either GPS or NTP and can be configured with different power output levels, allowing coverage to scale from a single building to an entire multifacility campus.



OneVue System Monitoring

Within the OneVue Sync™ synchronized timekeeping solution, the cloud-based OneVue software platform enables users to individually manage each clock, eliminating manual clock-setting.

The OneVue software platform allows you to completely own your system by setting up, customizing, and running reports with minimal IT overhead.

Automated alerts — via audible alarm, text, email, or call — can be configured and set, all from a web browser.



CLOCKS / TRANSMITTERS / PARTS AND ACCESSORIES



Clocks				
Model #	Power	Size	Dial	Description
Analog Clocks - 72MHz				
CLK-902-DC110A01	Battery	12.5" (31.75cm)	12 hr	Black bezel with white face and black numbering
CLK-902-AS210A01	120V AC	12.5" (31.75cm)	12 hr	Black bezel with white face and black numbering
CLK-902-DC150A01	Battery	16" (40.64cm)	12 hr	Black bezel with white face and black numbering
CLK-902-AS250A01	120V AC	16" (40.64cm)	12 hr	Black bezel with white face and black numbering
Digital Clocks - 72MHz				
CLK-903-AS215R	120V AC	2.5" Digits, 4-Digit	Digital	Single-sided, Red LED, 10' cord with plug connector
CLK-903-AS225R	120V AC	4" Digits, 4-Digit	Digital	Single-sided, Red LED, 10' cord with plug connector
Transmitters				
Model #	Watts	Sync Type	Description	
OneVue Sync Transmitters				
CLK-904-AS235M	1 Watt	NTP / GPS	Appropriate for a single building, these transmitters are configurable with an internal antenna attached to the transmitter, or with an external roof-mounted antenna to expand coverage. A repeater may be needed within your solution given certain floor plans or configurations.	
CLK-904-AS215M	1 Watt	NTP / GPS / External Antenna		
CLK-904-AS235R	1 Watt	Repeater	OneVue Transceiver, 1 Watt Repeater	
Parts and Accessories				
Model #	Mount	Compatible Clocks	Description	
Dual Clock Bracket Kit - Digital Clocks				
CLK-998-000005	Ceiling	2.5", 4-Digit	Any two surface-mount digital clocks can be mounted back-to-back to provide greater visibility in hallways and larger areas.	
CLK-998-000006	Wall	2.5", 4-Digit		
CLK-998-000009	Ceiling/Wall	4", 4-Digit		
Extension Cable				
CLK-998-000021	N/A	Transmitters	50' Extension Cable for 72 MHz Transmitters	
Transmitter Rack				
CLK-100-000077	N/A	Transmitters	Sync Transmitter Rack mounts conveniently and securely to a wall	
Wire Guards				
CLK-100-000345	N/A	12.5" and 16"	18"x18" wire guard constructed of zinc-plated steel with clear lacquer finish	
CLK-100-000382	N/A	4" Digits, 4-Digit	Wire guard constructed of zinc-plated steel with clear lacquer finish	
External Antenna Mounts				
CLK-998-000016	Non-Penetrating	CLK-904-AS215M	Non-Penetrating Mount for the External Antenna with the CLK-904-AS215M	
CLK-998-000017	Penetrating	CLK-904-AS215M	Penetrating Mount for the External Antenna with the CLK-904-AS215M	

12.5" Analog Clock - 72MHz

Accurate Time Throughout the Facility

Utilizing the power of GPS and Network Time Protocol (NTP), analog clocks perfectly synchronize to improve workflow, accountability, and productivity.

They synchronize seamlessly with your 72 MHz system using the Primex proprietary 72 MHz signal that transmits easily through common building materials and across longer distances with less potential for signal interference.

Traditional Series clocks feature easy-to-read dials and durable thermoplastic frames and lenses, making them ideal for many applications.



MODEL	CLK-902-DC110A01
Power Source	(2) D-cell alkaline batteries (not included)
Size	12.5" (31.75cm)
Dial	12 hr
Clock Depth	2.5" (6.4cm)
Dual-Mount Compatible	Yes
Cord Length	N/A
Operating Range	32° - 158°F (0° - 70°C)
Materials	Durable thermoplastic frames and lenses

MODEL	CLK-902-AS210A01
Power Source	120 VAC (67mA) Power Supply 100-240 VAC UL Listed
Size	12.5" (31.75cm)
Dial	12 hr
Clock Depth	2.5" (6.4cm)
Dual-Mount Compatible	Yes
Cord Length	18" (45.72cm) cord with plug
Operating Range	32° - 158°F (0° - 70°C)
Materials	Durable thermoplastic frames and lenses

16" Analog Clock - 72MHz

Accurate Time Throughout the Facility

Utilizing the power of GPS and Network Time Protocol (NTP), analog clocks perfectly synchronize to improve workflow, accountability, and productivity.

They synchronize seamlessly with your 72 MHz system using the Primex proprietary 72 MHz signal that transmits easily through common building materials and across longer distances with less potential for signal interference.

Traditional Series clocks feature easy-to-read dials and durable thermoplastic frames and lenses, making them ideal for many applications.



MODEL	CLK-902-DC150A01
Power Source	(2) D-cell alkaline batteries (not included)
Size	16" (40.64cm)
Dial	12 hr
Clock Depth	2.5" (6.4cm)
Dual-Mount Compatible	Yes
Cord Length	N/A
Operating Range	32° - 158°F (0° - 70°C)
Materials	Durable thermoplastic frames and lenses

MODEL	CLK-902-AS250A01
Power Source	120 VAC (67mA) Power Supply 100-240 VAC UL Listed
Size	16" (40.64cm)
Dial	12 hr
Clock Depth	2.5" (6.4cm)
Dual-Mount Compatible	Yes
Cord Length	18" (45.72cm) cord with plug
Operating Range	32° - 158°F (0° - 70°C)
Materials	Durable thermoplastic frames and lenses

2.5" and 4" 4-Digit Digital Clocks - 72MHz

Accurate Time Throughout the Facility

Sleek, low-profile design puts the focus on the bright LED digits to keep your facility running on time.

Our Levo Series clocks are designed to be easily seen from up to 150 feet away. They synchronize seamlessly with your Primex 72 MHz system using our proprietary 72 MHz signal that transmits easily through common building materials and across longer distances with less potential for signal interference.

Automatically Adjust for Daylight Saving Time

Think of the time you and your team will save when you no longer need to manually adjust each and every clock in your facility after daylight saving time shifts.

Our Levo Series Digital Clocks feature highly visible, seven-segment LED digits in a sleek black casing to integrate well into virtually any indoor environment.

The onboard control panel allows you to select a variety of options, including alternating date/time and 12- or 24-hour time display.



MODEL	CLK-903-AS215R
Power Source	120 VAC
Size	Levo 2.5" (6.4cm) Digits
Display	2.5" (6.4cm), 4-Digit Highly visible, seven-segment red LED digits 12- or 24-hour time display PM indicator light Alternating time and date display option LED dimmer option (75%, 50%, 25%)
Clock Dimensions	H 5.0" (12.7cm) / W 10.8" (27.4cm) / D 2.8" (7.11cm)
Weight	1.8 lbs. (0.8 kg)
Dual-Mount Compatible	Dual Clock Bracket Kit - 198-000005 (Ceiling) / 198-000006 (Wall)
Dual-Mount Dimensions	Width from wall: 13.8" (35.1cm) Height from ceiling: 8.0" (20.3cm) Depth of two clocks: 5.9" (15.0cm)
Mount	Includes 4° angle mount
Cord Length	10' cord with plug connector
Backup	Power outage memory backup for up to one hour
Operating Range	32°-95°F (0°-35°C)
Materials	TBD

MODEL	CLK-903-AS225R
Power Source	120 VAC
Size	Levo 4" (10.16cm) Digits
Display	4" (10.16cm), 4-Digit Highly visible, seven-segment red LED digits 12- or 24-hour time display PM indicator light Alternating time and date display option LED dimmer option (75%, 50%, 25%)
Clock Dimensions	H 8.0" (20.3cm) / W 17.9" (45.5cm) / D 2.4" (6.1cm)
Weight	3.9 lbs. (1.8 kg)
Dual-Mount Compatible	Dual Clock Bracket Kit - 198-000009 (Ceiling/Wall)
Dual-Mount Dimensions	Width from wall: 20.9" (53.1cm) Height from ceiling: 11.0" (27.9cm) Depth of two clocks: 6.3" (16.0cm)
Mount	Includes 4° angle mount
Cord Length	10' cord with plug connector
Backup	Power outage memory backup for up to one hour
Operating Range	32°-95°F (0°-35°C)
Materials	TBD

Dual-Mount Brackets

Ideal for Hallways and Larger Areas

Any two 2.5" or 4" surface-mount digital clocks can be mounted back-to-back to provide greater visibility in hallways and larger areas

Select the correct Dual Clock Bracket Kit for your application below.

MODEL	CLK-998-000005
Compatibility	2.5", 4-Digit (CLK-903-AS215R)
Dual-Mount Dimensions	Height from ceiling: 8.0" (20.3cm) Depth of two clocks: 5.9" (15.0cm)
Mounting	Ceiling

MODEL	CLK-998-000006
Compatibility	2.5", 4-Digit (CLK-903-AS215R)
Dual-Mount Dimensions	Width from wall: 13.8" (35.1cm) Depth of two clocks: 5.9" (15.0cm)
Mounting	Wall

MODEL	CLK-998-000009
Compatibility	4", 4-Digit (CLK-903-AS225R)
Dimensions	Width from wall: 20.9" (53.1cm) Height from ceiling: 11.0" (27.9cm) Depth of two clocks: 6.3" (16.0cm)
Mounting	Wall or Ceiling



Clock Wire Guards

Protect Your Investment

Protect your system clocks against accidental damage or vandalism with the wire guard accessory. Models available for analog and digital clocks.



MODEL	CLK-100-000345
Compatibility	Analog Clock Wire Guard for 12.5" and 16" clocks
Dimensions	18"W x 18"H x 3"D (45.7cm x 5.7cm x 7.6cm)
Clock Access	Hinged front panel
Material	Constructed of zinc-plated steel with a clear lacquer finish
Mounting	Wall



MODEL	CLK-100-000382
Compatibility	Digital Clock Wire Guard, 4" 4-digit
Dimensions	25.0"W x 9.8"H x 4.4"D (63.5cm x 24.9cm x 11.2cm)
Clock Access	Hinged front panel
Material	Constructed of zinc-plated steel with a clear lacquer finish
Mounting	Wall

OneVue Sync™ Transmitters / Repeater - 1 Watt, NTP and GPS capability

It's About Synchronicity

The OneVue Sync Transmitter uses a high-penetration frequency to talk to devices throughout a building or campus. (Broadcast at 72 MHz/FCC-licensed frequency).

OneVue Transmitters can be configured with different power output levels, allowing coverage to scale from a single building to an entire campus.

The 72 MHz signal penetrates commercial building materials to ensure all devices receive important time updates, even for daylight saving time, and after a power outage.

The transmitter may be equipped to receive either GPS or NTP time sources.

- 49 channels available (pre-programmed prior to shipping)
- GPS receiver obtains time from satellite
- Transmitter can also obtain time over network from NTP



MODEL	CLK-904-AS235M
Description	Transmitter
Power Supply	Input: 120 VAC, 50/60 Hz, 0.6 Amp Output: 9 VDC, 2.78 Amp (6 ft. cord, 1.83m)
Transmission	1-Watt maximum transmission (at transmitter)
Frequency	72 MHz frequency range
Channels	49 channels available (preprogrammed prior to shipping)
Internal Antenna	38.75" long (98.425cm)
Signal Source	NTP / GPS
GPS Receiver	Included with Primary Transmitter
Daylight Savings	Daylight saving time and time zone controlled through ODC app or OneVue control panel
Dimensions	17.0"L x 12.0"W x 1.7"D (43.2cm x 30.5cm x 4.32cm)
Weight	7.75 lbs. (3.5kg)
Operating Range	32° - 122°F (0° - 50°C)

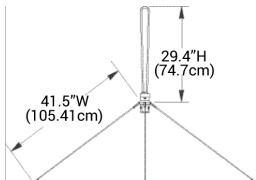
MODEL	CLK-904-AS215M
Description	Transmitter
Power Supply	Input: 120 VAC, 50/60 Hz, 0.6 Amp Output: 9 VDC, 2.78 Amp (6 ft. cord, 1.83m)
Transmission	1-Watt maximum transmission (at transmitter)
Frequency	72 MHz frequency range
Channels	49 channels available (preprogrammed prior to shipping)
Internal Antenna	38.75" long (98.425cm)
External Antenna	Includes Outdoor Ground Plane Antenna (Requires purchase of penetrating or non-penetrating mount)
Signal Source	NPT / GPS / External Antenna
GPS Receiver	Included with Primary Transmitter
Daylight Savings	Daylight saving time and time zone controlled through ODC app or OneVue control panel
Dimensions	17.0"L x 12.0"W x 1.7"D (43.2cm x 30.5cm x 4.32cm)
Weight	9 lbs. (4.1kg)
Operating Range	32° - 122°F (0° - 50°C)

MODEL	CLK-904-AS235R
Description	Repeater
Power Supply	Input: 120 VAC, 50/60 Hz, 0.6 Amp Output: 9 VDC, 2.78 Amp (6 ft. cord, 1.83m)
Transmission	1-Watt maximum transmission (at transmitter)
Frequency	72 MHz frequency range
Dimensions	17.0"L x 12.0"W x 1.7"D (43.2cm x 30.5cm x 4.32cm)
Weight	7.75 lbs. (3.5kg)
Operating Range	32° - 122°F (0° - 50°C)

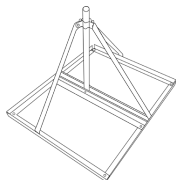
Transmitter Parts and Accessories



MODEL	GPS Receiver
Compatibility	Included with 1-Watt Transmitters - CLK-904-AS235M/CLK-904-AS215M
Cable	16' (5m) cable. 50, 100, 150 and 200-foot (15.24m, 30.48m, 45.72m and 60.69m) extensions available
Dimensions	2.5"W x .75"H (6.35cm x 1.91cm)
Mounting Bracket	3.5"W x 1.4"H x 4.5"D (8.89cm x 3.56cm x 11.43cm) Mounting bracket and hardware included for rooftop or window installation
Weight	0.75 lb. (.34kg)
Operating Range	-32° - 158°F (-30° - 70°C)



MODEL	Outdoor Ground Plane Antenna
Compatibility	Included with 1-Watt Transmitter - CLK-904-AS215M
Dimensions	29.4"H x 41.5"W (74.7cm x 105.41cm)
Lightning Protection	Direct Ground
Cabling	100' (30.48m) between transmitter and antenna provided
Weight	8.25 lbs. (3.75kg)
Regulatory	FCC Part 90 Accepted / IC RSS-119 Accepted



MODEL	CLK-998-000016
Description	Non-Penetrating Mount for the External Antenna
Compatibility	CLK-904-AS215M Transmitter

MODEL	CLK-998-000017
Description	Penetrating Mount for the External Antenna
Compatibility	CLK-904-AS215M Transmitter



MODEL	CLK-100-000077
Description	1-Watt Transmitter Rack
Material	18 GA metal
Mount	Wall
Finish	Black powder coat finish



MODEL	CLK-998-000021
Description	50' Extension Cable for 72 MHz Transmitters



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