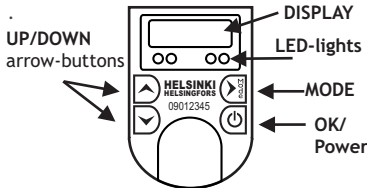


## COMET MANUAL

Thank You for purchasing a Comet parking meter! Comet is used for paying parking fees in Helsinki City´s parking areas.



### LED-lights from left

Zone I, blue blinking LED (HL1)  
Zone II, green blinking LED (HL2)  
Zone III, yellow blinking LED (HL3)  
Red blinking LED, parking payment has ended (if maximum time was selected).

You can find the correct parking zones from on-street parking ticketmachines and traffic signs.

## 1. COMET DISPLAY

LCD-display shows all necessary information for user and parking enforcements of the Helsinki City.

## 2. COMET BUTTONS.

**Arrow-buttons UP/DOWN** are used when selecting a zone, making selections for presetting Comet or entering codes when loading by using random codes-method **MODE/Arrow right -button** is used when presetting Comet´s starting/ending time, and entering codes in random code loading method. **OK/Power -button** is used to confirm selections, and turning Comet on/off. **Please note!** When confirming selection and start parking, OK-button is pressed shortly. When turning device on/off, OK -button is pressed long time.

## 3. HANGER

Hanger is located on the top of a Comet, and it is blue plastic part. When parking, hanger is placed between co-driver´s side window. Window is closed tightly. Comet is facing outside.

If it is not possible to place anything between your vehicle´s side window, you can order us special hangers for such purpose. Please visit [www.comet.fi](http://www.comet.fi)

## 4. BATTERY

Comet sales package includes a longlife 3V lithiumbattery RENATA CR2430. This

type of battery lasts for approximately 280 parking hours. When battery has only little energy left, there will appear **”BATT”** on Comet´s display, when turning device on. Customer is responsible for changing battery. You can order new batteries from our website [www.comet.fi](http://www.comet.fi).

## 5. LOADING MONEY

It is easy to load money into a Comet. Customer is able to reload money into Comet 24 hours a day in our website [www.comet.fi](http://www.comet.fi). There are also several reloading points in the city, please find them [www.comet.fi](http://www.comet.fi).

Customer has to have a computer/PDA with internet access, in order to reload a Comet. There are two methods to do it; By using MiniUSB-cable or by using random codes.

When using random codes, you may reload Comet by using any computer or PDA, any operating system, or any browser. You do not need to install anything on your system.

When reloading by using MiniUSB-cable computers operating system has to be Windows XP/Vista (only 32bit versions are supported), and browser Internet Explorer 6.0 or newer. You have to install Comet USB driver and Active X Control components on your Windows computer.

Payments methods are; Internet banks (Sampo, SP-POP-AKTIA, Nordea, OP-Bank) and credit cards (Amex, Visa, Visa Electron and Mastercard). Enterprises can also have reloadings on an invoice.

You will find thorough instructions in our website [www.comet.fi](http://www.comet.fi).

## 6. INTERNET CONNECTION

Customer has to have internet access when reloading money into Comet, setting up Comet clock, reading parking events or updating Comet´s software or parameters. All the instructions are found at [www.comet.fi](http://www.comet.fi).

## 7. PARKING WITH COMET

Comet is easy to use; just press couple of buttons, and it takes only few seconds to start parking. Comet is used correctly, when you start parking you can see **“WAIT”** on the display for a short moment, and there starts to blink a LED-

light indicating the selected zone (see earlier). Also selected values are changing on the display. Also **“CODE”** + 4 digits are displayed occasionally. Changing code is for parking enforcements use. They can see that the device is legal.

**LED-light is blinking only if parking has started and there is money on the device. LED is not blinking if parking has not started, there is no money, or Comet is presetted to start for example next morning. If Comet is presetted, there is only texts changing on the display. LED starts to blink when presetted time is reached.**

**LED-lights below Comet display** (starting from left)  
Zone I, blue blinking LED (HL1)  
Zone II, green blinking LED (HL2)  
Zone III, yellow blinking LED (HL3)  
Red blinking LED, parking payment has ended (only if maximum time was selected).

Remember to place Comet on co-driver´s side window!

**A. NORMAL PARKING** (parking starts immediately)

1. **Turn on the device by pressing OK-button** so long that you see text appearing on display.
2. Wait, that you can see zone appearing on the display (for example HL11).
3. Select the zone you are going to be parking by using UP/DOWN arrow-buttons. HL means “City of Helsinki”, First number stands for zone number (1,2,or 3). Second number stands for parking time in hours (1,2, 4 and X). X means unlimited time of parking. For example HL12 stands for: Zone1, parking time 2 hours max. HL3X: Zone3, parking time unlimited.
3. After selecting correct zone and parking time, **PRESS OK-button shortly, twice.**
4. Parking starts when you can see **“WAIT”** on the display. Next you will see zone and selected maximum time (00:00 when using X) on the screen. Also LED indicating selected zone starts to blink. From time to time you will see **“CODE”** + 4 digits on the display, it is for parking enforcements use.

From time to time you will see **“CODE”** + 4 digits on the display, it is for parking enforcements use.

**How to end parking**  
Simply, when returning to your vehicle, **PRESS OK-button so long** that **“OFF”** is

displayed and device turn off (everything disappers on the display). Any time you turn the device of, you are not charged anymore.

**Please note!** Be very carefull when using unlimited parking time (for example HL1X), that you remember to turn Comet off. Otherwise device runs as long as there is money left.

**B. PARK BY PRESETTING COMET STARTING TIME**

1. Turn on the device; **PRESS OK-button** so long that you see text appearing on display.
2. Wait, that you can see zone appearing on the display (for example HL11). Select correct zone, where you are going to be parking by using **UP/DOWN arrow-buttons.**
3. **PRESS MODE** shortly. **“STRT”** appears on Comet display.
4. Select correct starting time, by using **UP/DOWN arrow-buttons**

AL08 = parking starts morning at 8:00  
AL09 = parking starts morning at 9:00  
AL13 = parking starts 13:00  
AL16 = parking starts 16:00  
5. When you have selected correct starting time, **PRESS OK-button shortly, twice.** After first press, there appears selected zone on the display. After second press **“WAIT”** appears on display 6. Comet is presetted, when you see **“WAIT”** appearing shortly on the display. After that selected values starts to change on the display; Zone, selected duration of parking (for example 04:00 or 00:00 when X is selected), hours and presetted time to start parking.

After that selected values starts to change on the display; Zone, selected duration of parking (for example 04:00 or 00:00 when X is selected), hours and presetted time to start parking.

Parking starts when presetted time is reached next time. LED indicating selected zone, starts to blink.

**How to end parking**  
Simply, when returning to your vehicle, press OK-button so long that **“OFF”** is displayed and device turn off (everything disappers from the display). Any time you turn the device of, you are not charged anymore.

If you presetted Comet incorrect, and want to preset it again, just press OK-button so long that you see **“OFF”**. By turning Comet off, presetted values are erased from device´s memory.

**Please note!** Be very carefull when using unlimited parking time (for example

HL1X), that you remember to turn Comet off. Otherwise device runs as long as there is money left.

**C. PARK BY PRESETTING THE ENDING TIME OF PARKING**

An example; You park the car, and start parking immediately. You want Comet to stop automatically when charged parking time ends, for example 19.00 in the evening. You do not want to return to your vehicle.

1. **Turn on the device; PRESS OK-button** so long that you see text appearing on display.
2. Wait, that you will see zone appearing on the display (for example HL11). Select correct zone, where you are going to be parking by using **UP/DOWN arrow-buttons**
3. **PRESS MODE** shortly **twice.** **“END”** appears on the Comet display.
4. Select correct ending time for parking, by using up/down arrow-buttons

For example LO15 = end+ ending time  
LO15 = parking ends 15:00  
LO16 = parking ends 16:00  
LO17 = parking ends 17:00  
LO18 = parking ends 18:00  
LO19 = parking ends 19:00  
LO20 = parking ends 20:00  
LO24 = parking ends 24:00  
LO02 = parking ends 02:00

5. After you have selected ending time, confirm it and start parking by **PRESSING OK-button SHORTLY twice.** After first press, appears selevted parking zone (you may now change it also). After second press, appears **“WAIT”** for short time
6. Parking starts when you see **“WAIT”** on the display. Next you will see selected zone and selected maximum time (for example 04:00 if HL14 was selected) on the screen. If you selected unlimited parking time, you will see **“00:00”** at the display, and time you have parked is shown on the display. LED indicating selected zone starts to blink also.

From time to time you will see **“CODE”** + 4 digits on the display, it is for parking enforcements use.

**How to end parking**  
Simply, when returning to your vehicle, **PRESS OK-button so long that “OFF”** is displayed and device turns off. Any time you turn the device of, you are not charged anymore.

**D. PARK BY PRESETTING THE STARTING AND ENDING TIME**

This presetting is possible to do only by using unlimited parking time (X-time)!

1. **Turn on the device by PRESSING OK-button** so long that you see text appearing on display.

2. Wait, that you will see zone appearing on the display (for example HL11). Select correct zone, where you are going to be parking, by **USING UP/DOWN arrow-buttons**
3. **PRESS MODE** shortly. **“STRT”** appears on Comet display
4. Select wanted starting time, by using **UP/DOWN arrow-buttons**  
AL08 = parking starts morning at 8:00  
AL09 = parking starts morning at 9:00  
AL13 = parking starts 13:00  
AL16 = parking starts 16:00
5. When you have selected correct starting time, press **OK-button shortly.** There appears selected zone on the display.
6. **PRESS MODE** shortly again. **“END”** appears on the Comet display.
7. Select correct ending time for parking, by using **UP/DOWN arrow-buttons**  
LO15 = parking will end 15:00  
LO16 = parking will end 16:00  
LO17 = parking will end 17:00  
LO18 = parking will end 18:00  
LO19 = parking will end 19:00  
LO20 = parking will end 20:00  
LO24 = parking will end 24:00  
LO02 = parking will end 02:00

8. After you have selected ending time, confirm it and start parking by **PRESSING SHORTLY OK-button twice.** After first press, appears selected parking zone (you may also change it now). After second press, appears **“WAIT”** for short time.

9. Comet is presetted, when you see **“WAIT”** appearing shortly on the display. After that, selected values start to change on the display; Selected zone, selected duration of parking (for example 04:00 when using max time or 00:00 when unlimited parking time X is selected), hours and presetted time to start parking. **Selected stopping time is not displayed.** Parking starts when presetted time is reached next time. LED indicating selected zone, starts to blink.

**How to end parking**  
Simply, whenever returning to your vehicle, **PRESS OK-button so long that “OFF”** is displayed and device turns off (everything disappers from the display).

Any time you turn the device of, you are not charged anymore.

If you think that you presetted Comet incorrect, and want to preset it again, just press OK-button so long that you see **“OFF”**. By turning Comet off, presettings are erased from device´s memory.

## 8. SAVED DATA ON COMET

Last 20 parking events are saved in Comet´s memory. Data includes selected zone, starting time of parking, date and time and duration of parking. You can read parking events in our website. You have to have Windows XP or Vista (not 32 bit versions), and MiniUSB-cable. When events are read, they are stored at our server, and can be seen later.

In case of having parking violation ticket, and you think it is unreasonable, you have to read your Comet parking events immediately by using a cable, by visiting our service point or Helsinki City customer service desk.

## 9. CHANGING DATE AND TIME OF COMET

Comet user is responsible for setting Comet clock to correct time. It is done by using MiniUSB-cable, computer and our website. Also, every time when reloading money into Comet by using MiniUSB-cable or reloading it at our service point or R-kiosks, date and time are set up automatically. You may also visit Helsinki City customer service desk, if you want to set up your Comet.

If Comet clock is in wrong time, it may lead to parking violation ticket, when presetting Comet, for example.

**SUMMER AND WINTERTIME 2009:**  
Comets will automatically change to correct time during year 2009. You just have to turn Comet on when time is changed to winter or summer time. Turn the Comet on before you load money into Comet by using MiniUSB-cable. Otherwise Comet clock is updatet to wrong time. Next years you have to set up Comet clock manually by using computer and MiniUSB-cable, or by visiting our service point. You may also visit Helsinki City customer service.

## 10.CHANGING COMET SETTINGS

Comet user is responsible for updating

Comet settings, if it is demanded by LaatuKilpi or Helsinki City. We will inform at our website if any update is needed.If updates are needed Comet user has to update his/her Comet immediately by himself or visiting our service point.

## 10. IMPORTANT NOTES

Comet user is responsible to set correct time in Comet. Comet clock has to be updated if battery dies. Also after year 2009, Comet clock has to be updated manually to summer or wintertime.

Parking tariffs of Helsinki City may change during time. Comet user is responsible to update settings whenever demanded. We announce about any changes in Comet software or parameters in our website.

## 11. SEARCHING FOR FAILURES

If there are problems in using Comet, you may reset Comet by pressing OK-button for so long time device turns off. Restart Comet. If Comet doesn´t turn on, detach batteries for short time. You can find FAQ in [www.comet.fi](http://www.comet.fi). You may also make us a phonecall 0100 87870, we are glad to help you.

## 13. COMET GUARANTEE

We give Comet-devices 24 months guarantee starting from the day of purchase. If there appears a failure, which is not possible to fix by yourself by detaching a battery for a short while, you may send the device for us at our cost (see below). In hurry cases, you may also visit our service point, and you can have directly new device with you (Supposing that there is guarantee left for Comet and device is not broken by user).

## 14. CONTACT

**Comet Service Point:**  
Comet palvelupiste, Malminkaari 13 A (3rd floor), 00700 HELSINKI  
**Help Desk** 0100 87 870 (0,25 eur/call + 0,25 eur/min+pvm)  
**[www.comet.fi](mailto:www.comet.fi)** **[info@comet.fi](mailto:info@comet.fi)**

**GUARANTEE REPLACEMENTS BY POST:**  
LaatuKilpi Oy  
Opastie 10  
62375 YLIHÄRMÄ

Write **“Asiakaspalautus”** in the envelope´s upper right corner. Then envelope is shipped at our cost.