

Mounting and user instruction

for Kirk Coffee maker model KM6-2 and KM12-2

Congratulations with Your new Kirk coffee maker. Before using the machine, it is important that You read this instruction thoroughly to ensure that the machine is mounted and operated properly with regard to safety and function.

Installation

To benefit fully from the coffee maker, we recommend that a professional makes the installation.

The coffee maker is designed for mounting on wall or bulkhead by screwing 4 screws through the screw holes in the back plate of the machine. (Be careful not to damage any existing hidden wires when drilling holes in the vehicle). Do not place the coffee maker loosely on a shelf. Mount the coffee maker in a place where it does not place the chauffeur and passengers in danger in case of hard braking or accidents. Place the coffee maker so it does not affect the functionality of the vehicle's airbags.

In regular vehicles, you are normally not allowed to plug in electrical appliances that pull more than 8 A directly to the power outlet by the cigarette lighter outlet. Accordingly, it is important to apply the instructions below.

1. The red conductor of the coffee maker has to be connected to the starting motor, starting relay, or the positive pole (see item 4).
2. Connect the black conductor to the cylinder block, chassis or the negative pole of the battery.
3. Defect polarization: The machine does not work, but no damage is done by applying reverse polarity. Slow brewing: Is caused by low battery level, lime scaling, or using too small wirings.
4. Measure the total cable length between the power supply and the coffee maker. Include both the positive and negative cable in the total cable length.
5. It is important that the cross-sectional area of the connecting cable fit in accordance with the amperage and the length of the cable. See the following table:

Cable length	24V, 500W, 21A	12V, 350W, 29A
0-6 m	6 mm ²	10 mm ²
6-10 m	10 mm ²	16 mm ²
10-13 m	16 mm ²	16 mm ²

6. Mount a flat fuse on the positive cable, for example art. No. 930295 or 30559. (Do not mount fuse holder for porcelain fuses, as it causes voltage drop and generates heat that can affect the functionality of the coffee maker and cause fire).
7. Use a 40A fuse by 12V and a 30A fuse by 24V.

User instruction

Before brewing the first pot of coffee: Clean the coffee maker with fresh water before using it for the first time.

Coffee brewing:

1. Fill the desired amount of water into the clear water container.
2. Place the pot in the holder and insert the filter holder with the opening towards the spout of the pot.
3. Place a coffee filter in the filter holder and fill it with coffee (KM6-2 use filter type 102, KM12-2 use filter type 1x4).
4. Close the lid and turn the machine on by pressing the shortly. A short tone will sound and the lamp will become red.
5. The brewing time is 1½-2 mins. per cup at 24V and 2½-3 mins. per cup at 12V.
6. When the coffee brewing is finished, the remaining water in the heating element of the coffee maker will vaporize. A brief generation of steam and noise will occur.
7. When the coffee is ready, a long tone will sound and the light will become green.

Important!

- Turn the machine off for a few minutes before refilling water.
- Only use clean and fresh water.
- Do not fill more water into the water container than what the coffee maker is designed for.
- Never lift the lid during brewing.
- Remember to remove the filter before pouring.
- The bottom of the pot holder is hot when the machine is on. Avoid touching it.
- Turn off the coffee maker after usage. As a precaution, the machine is equipped with an automatic mechanism, which will turn off the machine after 1 hour.
- Descale the machine regularly. Use an acknowledged descaling agent and follow the instructions carefully.
- Clean the machine with a damp cloth and never submerge it into water.

Timer function:

The coffee maker is equipped with a timer function, enabling postponement of the coffee brewing for up to 12 hours.

1. Activate the timer with a long push (more than 2 secs.) on the button.
2. Then the light will become yellow.
3. Make one short push on the button for each hour the coffee brewing is to be postponed.
4. With short flashes, the light will indicate the amount of hours for which the timer is set.
5. One minute after the number of hours is set the timer will start and the yellow light will be constant.
6. The timer function can be cancelled by a long press on the button.